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FIRST INTERIM ANALYSIS OF FIRST OFFENDER TREATMENT EFFECTIVENESS

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Comprehensive Driving Under the Influence
of Alcohol Offender Treatment Demonstration Project
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16. Abstract

This report is the first interim analysis concerning the effectiveness of the CDUI Project's education programs for first offender DUI's. Treatment effectiveness was assessed in terms of recorded accidents, DUI offenses, and total moving violations occurring subsequent to random assignment. Survival analysis was used to compare control, home study, and in-class education groups. Comparisons were made for the total research sample (all assigned as of October, 1979), for two age subgroups, and three diagnostic subgroups (drinking problem severity). A comparison was also made between the research sample and a sample of non-volunteers to assess our ability to generalize results.

Additional analyses were conducted to determine the effect of quarterly letter monitoring and follow-up interview procedures on driving behavior.

The results of the treatment group comparisons provided very little evidence that the education programs had any effect on driving behavior as of October, 1979. None of the 18 analyses conducted resulted in statistically significant between group differences. The preliminary nature of these results was stressed, and an attempt was made to identify consistent patterns in the outcome data.

The results of the letter monitoring analyses suggested that the procedure may be counterproductive. The follow-up interviews appeared to have no effect on driving behavior.

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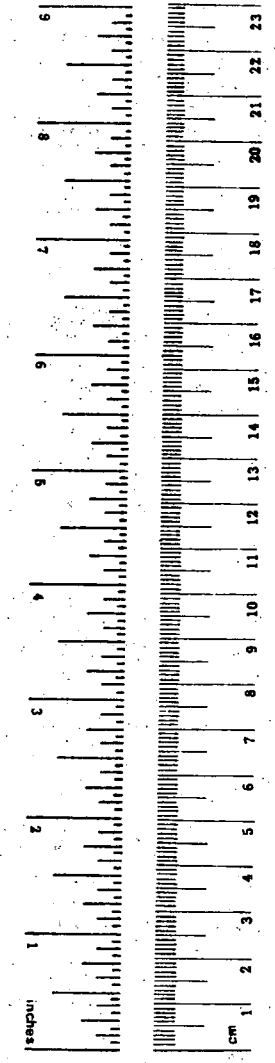
METRIC CONVERSION FACTORS

Approximate Conversions to Metric Measures

Symbol	When You Know	Multiply by	To Find	Symbol
		LENGTH		
in	inches	*2.5	centimeters	cm
ft	feet	30	centimeters	cm
yd	yards	0.9	meters	m
mi	miles	1.6	kilometers	km
		AREA		
in^2	square inches	6.5	square centimeters	cm^2
ft^2	square feet	0.09	square meters	m^2
yd^2	square yards	0.8	square meters	m^2
mi^2	square miles	2.6	square kilometers	km^2
	acres	0.4	hectares	ha
		MASS (weight)		
oz	ounces	28	grams	g
lb	pounds	0.45	kilograms	kg
	short tons (2000 lb)	0.9	tonnes	t
		VOLUME		
tsp	teaspoons	5	milliliters	ml
Tbsp	tablespoons	15	milliliters	ml
fl oz	fluid ounces	30	milliliters	ml
c	cups	0.24	liters	l
pt	pints	0.47	liters	l
qt	quarts	0.95	liters	l
gal	gallons	3.8	liters	l
ft^3	cubic feet	0.03	cubic meters	m^3
yd^3	cubic yards	0.76	cubic meters	m^3
		TEMPERATURE (exact)		
°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C

*1 in = 2.54 (exactly). For other exact conversions and more detailed tables, see NBS Misc. Publ. 286, Units of Weights and Measures, Price $2.25, SD Catalog No. C13.10:286.



Approximate Conversions from Metric Measures

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cm	centimeters	0.4	inches	in
m	meters	3.3	feet	ft
m	meters	1.1	yards	yd
km	kilometers	0.6	miles	mi
		AREA		
cm^2	square centimeters	0.16	square inches	in^2
m^2	square meters	1.2	square yards	yd^2
km^2	square kilometers	0.4	square miles	mi^2
ha	hectares (10,000 m^2)	2.5	acres	
		MASS (weight)		
g	grams	0.035	ounces	oz
kg	kilograms	2.2	pounds	lb
t	tonnes (1000 kg)	1.1	short tons	
		VOLUME		
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l	liters	2.1	pints	pt
l	liters	1.06	quarts	qt
l	liters	0.26	gallons	gal
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m^3	cubic meters	1.3	cubic yards	yd^3
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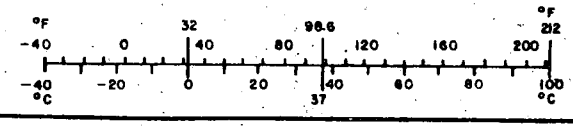
°C	Celsius temperature	9/5 (then add 32)	Fahrenheit temperature	°F



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LIST OF ABBREVIATIONS AND DEFINITIONS

Abbreviation or Term	Explanation
DUI	Driving Under the Influence of Alcohol or Alcohol and Drugs
CDUI Project or CDUI	Comprehensive Driving Under the Influence of Alcohol Offender Treatment Demonstration Project
BAC	Blood Alcohol Content
ASAP	Alcohol Safety Action Project
NHTSA	National Highway Traffic Safety Administration
A/R	Alcohol Related
DMV	California Department of Motor Vehicles
Follow-up Interviews	A series of three in-depth personal interviews administered prior to entering treatment and again at 10 months and 20 months from the initial interview, used to assess life changes resulting from the treatment interventions.
LAI	Life Activities Inventory, the follow-up interview protocol and questionnaires.
Letter Monitoring	An experimental procedure in which clients were mailed letters on quarterly basis to periodically remind them that they were on informal probation for two years.
Exposure Time	The length of time between the date of random assignment to one of the treatment conditions and the date of the latest DMV records search. This is the period of time during which clients were exposed to the risk of rearrest or accident involvement and during which such outcome measures could be officially recorded.

LIST OF ABBREVIATIONS AND DEFINITIONS
(Cont'd.)

Abbreviation or Term	Explanation
Survival Rate	The proportion of clients for whom outcome events (violations, accidents, etc.) were not detected during a specific exposure time period. The converse of rearrest and accident rates.
Statistically Significant Difference	A difference between treatment groups on an outcome measure (e.g., DUI survival rate) that was unlikely to have resulted from pure chance. In the present study any difference that could be obtained by chance only ten or fewer times out of 100 was considered statistically significant.
First Offender DUI	A person with only one officially recorded conviction for Driving Under the Influence of Alcohol.
Multiple Offender DUI	A person with two or more officially recorded convictions for Driving Under the Influence of Alcohol.
Reckless Driving Offense	The most common charge reduction from DUI. It was standard practice for Sacramento Municipal Court to reduce low BAC cases (.12 or less) to reckless driving.
SB 38	California State Senate Bill No. 38, the legislation which permitted multiple DUI offenders to participate in alcohol treatment programs in lieu of license suspension.
PCPS	Post-Conviction Presentence, a special court referral procedure used by Sacramento Municipal Court for multiple DUI offenders with only one prior DUI conviction. The procedure involved accepting a guilty plea to DUI but postponing sentencing for 13 months. If the client successfully completed treatment during this period the charge was reduced to reckless driving. Inadequate participation resulted in sentencing on the original charge of DUI.

LIST OF ABBREVIATIONS AND DEFINITIONS
(Cont'd.)

Abbreviation or Term	Explanation
Control Group	DUI offender clients randomly assigned to a no-treatment condition, i.e., they were not required to attend education or counseling programs.
Home Study	A self-study, self-paced alcohol traffic safety education program.
In-Class Education	An Alcohol Traffic Safety School which consisted of four, 2½ hour class sessions.
Non-Volunteer Sample	Persons convicted of their first DUI offense or who had their original DUI charge reduced to reckless driving but who chose to pay a higher fine in lieu of participation in the CDUI Project's education programs.
Social Drinker	A DUI offender who appeared to have only a modest tolerance to alcohol, who did not regularly drive at illegal blood alcohol levels, and who was unlikely to be rearrested for DUI. A subjective diagnostic classification.
Severe Problem Drinker	A DUI offender who showed symptoms of physical or strong psychological addiction to alcohol, heavy frequent drinking, high level of tolerance--capable of functioning at high BAC levels, and who evidenced significant life problems resulting from alcohol abuse. A subjective diagnostic classification.
Mid-Range Problem Drinker	A DUI offender who could not be classified as a social drinker but whose drinking problems were not as advanced as a severe problem drinker. Persons in this broad category evidenced a variety of excessive drinking patterns, moderate but not extremely high tolerance to alcohol, and were often developing life problems related to their excessive drinking habits. A subjective diagnostic classification.

INTRODUCTION

Demonstration Project Objectives

The Comprehensive Driving Under the Influence of Alcohol Offender Treatment Demonstration Project, abbreviated CDUI Project, was implemented to determine the effectiveness of alcohol education and educational counseling programs as traffic safety countermeasures. Comparatively short-term alcohol traffic safety education programs were provided to persons having only one recorded conviction for driving under the influence of alcohol (DUI), while more comprehensive, longer-term educational counseling programs were provided, with or without chemotherapy treatment, to persons having two or more convictions for driving under the influence.

Through the assignment of a proportion of DUI offenders to a no treatment control condition, each program's potential for reducing accidents and driving violations, as well as inducing positive life changes could be assessed relative to those offenders who were not provided treatment.

Background

The Highway Safety Act of 1967 required the Secretary of Transportation to conduct an investigation into the role of alcohol in highway traffic safety. The resulting report presented to the Congress in 1968* detailed the extent of death and property damage due to drunk driving, and highlighted the overrepresentation of problem drinkers in fatal alcohol related accidents.

An assessment of existing procedures to control drunk driving indicated that in most communities there was little awareness of the magnitude of the drunk driving problem among the general public, and even among professional groups, such as police, judges, educators and therapists concerned with the traditional treatment of alcoholics. Consequently, few communities provided police officers with specialized training in the detection and apprehension of drunk drivers, there were few systematic court referral mechanisms to refer potential problem drinkers to appropriate treatment programs, and there were few education and counseling

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*U.S. Department of Transportation: Alcohol and Highway Safety, a Report to the Congress from the Secretary of Transportation, August 1968.

programs appropriate for non-problem (social) drinkers or persons with only moderate drinking problems.

In response to these findings the National Highway Traffic Safety Administration (NHTSA) initiated a major alcohol traffic safety program in 1970. The NHTSA program involved the establishment (between January 1971 and September 1972) of 35 Alcohol Safety Action Projects (ASAP's) throughout the Country. The underlying concept of all the ASAP's was to develop a drinking driver control system, an integrated set of countermeasures which would identify problem drinkers on the road, make judicial decisions regarding the most appropriate sanctions and rehabilitative procedures in a timely and efficient manner, and put the rehabilitative procedures into effect.

The primary ASAP objectives were to:

- Demonstrate the feasibility of a systems approach for dealing with the drinking-driving problem, and to demonstrate the approach can save lives.
- Urge each state to improve its safety programs in alcohol traffic safety.
- Evaluate individual countermeasures as adequately as possible given the simultaneous application of an entire system of countermeasures at each site.

In general, the ASAP's were successful in attaining their most immediate objectives. There was a substantial increase in awareness of the alcohol traffic safety problem, new alcohol safety laws were enacted, and countermeasure procedures were refined. The ASAP's demonstrated that a coordinated multiagency approach to the drinking-driver problem was not only feasible but could save lives. Of the 35 ASAP sites, 12 showed statistically significant reductions in nighttime fatal crashes. For the 12 ASAP sites showing significant reductions, none of the corresponding comparison communities showed significant reductions in nighttime fatal crashes.

It was found, however, that the ASAP's original three-year operational periods did not provide sufficient time to adequately assess the relative effectiveness of the individual countermeasures.

The ASAP sites were allowed to compete for a two-year extension of their operations. Ten of the ASAP sites were awarded the operational extension contracts for FY 75/76 through FY 76/77. At these extended sites the evaluation of the rehabilitation component was strengthened by requiring random assignment of DUI offenders to treatment and control (or minimum exposure) conditions and by requiring follow-up interviews to collect life change outcome criteria to supplement driving violation and accident data.

The information gathered from the evaluation of the ASAP rehabilitation efforts indicated the following:

- Non-problem (social) drinkers who were referred to education programs had a significantly lower rearrest rate than social drinkers who were not referred to education programs.

  One ASAP site found that a home study course was as effective as their in-class program in reducing rearrest rates.

  There was, however, no evidence to indicate the ASAP education efforts reduced crash involvement among social drinkers.

- For persons with moderate to severe drinking problems, there was little evidence that referral to education or other forms of rehabilitation resulted in lower rearrest or accident rates when compared with problem drinkers not referred to such programs.

  There was some evidence, although inconclusive, to suggest that chemotherapy (Disulfiram) treatment may reduce subsequent rearrest and accident rates.

- There was evidence that persons with certain characteristics (particularly those characteristics related to drinking problem severity and socio-economic status) benefit more from some types of education and rehabilitation approaches than others.

The ASAP rehabilitation efforts provided much additional information about the design, implementation, and evaluation of alcohol safety schools and other forms of rehabilitation for drinking drivers. The information obtained from the ASAP experience, however, generated as many questions as it did answers. Consequently, as the last of the

original ASAP sites were concluding operations the NHTSA was detailing the requirements of a new demonstration project that would provide definitive answers to a number of specific alcohol treatment questions.

The resulting contract for the Comprehensive DUI Offender Treatment Demonstration Project was awarded to the Sacramento County, California, Health Department in October of 1976. The project was implemented in the following time frame:

- Development Period - October 1976 through August 1977, detailed contract negotiations, recruitment of key personnel, identification of data sources and design of data collection forms and procedures.
- Pilot Period - September 1977 through December 1977, start random assignment into first offender DUI research design and conduct education programs, refinement of data collection forms and procedures, refinement of the education and counseling programs, start of major computer data base analysis and programming effort.
- Operational Period - January 1978 through December 1979, start random assignment of multiple DUI offenders and conduct counseling and chemotherapy programs, continue assignment of first offender DUI's, monitor participation, and collect data.
- Follow-up and Analysis Period - January 1980 through December 1981, finish treatment of clients assigned during operational period, continue to collect evaluation data, analyze data and write interim reports.
- Project Closeout Period - January 1982 through June 1982, produce final reports and recommendations.

The CDUI Project's research designs were developed to provide answers to the questions prompted by the earlier ASAP findings. For example, one ASAP found that a home study education program was as effective as an in-class education program for DUI offenders who did

not evidence problem drinking symptoms. A new self-paced, programmed learning home study curriculum was developed for the CDUI Project in order to verify this finding and define in more detail the characteristics of the DUI offenders who may benefit most from a less costly approach to alcohol education.

The ASAP findings also suggested that referral to an in-class alcohol safety school resulted in lower rearrest rates among non-problem drinkers. The CDUI Project's research design for first offender DUI's has sufficient sample size to clarify and extend these earlier findings. Answers will be sought to questions such as: What are the characteristics of clients who benefit most from an in-class alcohol safety school? Can certain persons with moderate drinking problems benefit from an education program? Can education programs reduce the level of crash involvement as well as rearrest rates?

For persons with moderate to severe drinking problems, the ASAP findings suggested that the rehabilitation programs provided at the ASAP sites had little or no effect on subsequent driving behavior. The CDUI Project's year-long educational counseling programs for multiple DUI offenders, who have moderate to severe drinking problems, provided approximately double the in-group contact time of even the longest of the ASAP rehabilitation programs. Thus, the Project's multiple DUI offender research design will enable the NHTSA to determine whether longer duration rehabilitation programs are necessary in order to produce a measurable change in the behavior of problem drinkers. The multiple offender design will also allow an assessment of which client subgroups benefit most from a group educational counseling approach.

The CDUI Project's educational counseling programs were provided with and without chemotherapy (Disulfiram) treatments to determine whether such support enhances the behavior modifying potential of group counseling, a possibility suggested from the ASAP research. In the few ASAP sites which utilized chemotherapy, such treatment was generally reserved for those clients with the most severe drinking

problems. In the CDUI Project all multiple DUI offender clients, with moderate as well as severe levels of problem drinking, were assigned on a random basis to chemotherapy and non-chemotherapy conditions. This procedure produced a broader base of client characteristics from which to determine what client subgroups benefit most from chemotherapy support during group counseling.

Finally, it should be noted that as with some of the later ASAP treatment evaluations, the CDUI Project utilized in-depth follow-up interviews administered prior to treatment entry and again at subsequent intervals for the purpose of assessing changes in life activities which may have been induced by the treatment interventions. The follow-up interview protocols used by the CDUI Project were modified versions of the ASAP protocols. The modifications were based on the experience of both the interviewers who administered the ASAP protocols and the researchers who analyzed the resulting life activities data. The maximum follow-up period was extended slightly from 18 months for the ASAP's to 20 months for the CDUI Project. Moreover, the CDUI Project utilized follow-up interviews on a proportion of all clients, first and multiple DUI offenders, who were randomly assigned to treatment and control conditions, thus allowing life change measures to be used in the evaluation of both education and counseling programs for clients with a range of drinking problem severities. Most of the ASAP sites which utilized follow-up interviews, restricted such interviews to moderate problem drinkers assigned to counseling programs.

It is apparent from the research topics discussed thus far, that wherever sample size and sensitivity of outcome criteria permit, analyses will be conducted to determine the relationship between DUI offender characteristics and outcome in the various treatment programs of the research designs. This is a practical approach to treatment evaluation considering the broad spectrum of personal characteristics (demographic socio-economic, alcohol problems, driving and criminal histories, etc.) among the DUI offenders assigned to the CDUI Project's education and counseling programs. However, when one begins to examine the treatment

outcome for relatively small subgroups of clients using direct traffic safety criteria such as violations and accidents the results can be insensitive to subtle behavior changes and generally unreliable. The magnitude of this problem will progressively decrease as additional outcome data are collected throughout the two-year follow-up and analysis phase of the CDUI Project. Therefore, the first interim studies of treatment outcome will be restricted to all clients randomly assigned to the treatment groups (intact groups) and some of the larger subgroups. In later interim studies, smaller more homogeneous subgroups of clients can be used in the evaluation of treatment outcome but many of the most specific and detailed analyses cannot be conducted until all of the outcome data have been collected for the final reports scheduled for the Spring of 1982.

Purpose and Scope of Report

The effectiveness of CDUI treatment programs will be determined through an examination of client driving behavior and other areas of life activity which may have changed as a result of the treatment interventions. Most any sensitive and reliable assessment of behavior change requires time. It could take many months for a person to begin to resolve, at least to a measurable extent, problems of employment, family and social relationships, or of physical or mental health. Furthermore, acquiring and practicing the skills necessary to control alcohol consumption can also be a time consuming process, especially where denial is high, as in our relatively young, court referred client population.

While the stresses of life and the imprudent use of alcohol are thought to be the antecedents to most drinking-driving episodes, it is changes in the actual drinking-driving behavior that are the most direct and immediate criteria of treatment effectiveness. After all, the CDUI treatment programs are intended to be traffic safety counter-measures. Unfortunately, drinking-driving behavior can only be

measured indirectly by arrests for driving under the influence and reported alcohol related accidents. Certainly, such officially recorded instances of driving under the influence are far fewer than the actual number of occurrences. When the detection of the target behavior is relatively infrequent, one must observe a large sample of persons who are also exposed to the possibility of detection for an extended period of time, in order to have a reasonably sensitive assessment of treatment effectiveness.

Thus, time is an essential element not only for changes to occur in the underlying human conditions which lead to drinking-driving behavior but it is also essential to adequately measure this behavior in an outcome analysis. The need for time is emphasized because the present analyses are of a most preliminary nature. The CDUI Project was funded to allow two years of follow-up beyond the treatment assignment period. This extended follow-up period will allow a reasonably sensitive analysis of treatment effects. However, no one wants to wait two more years to view the findings. Consequently, a series of interim impact evaluation reports concerning treatment effectiveness will be released approximately twice a year.

These interim reports serve several functions: They provide at least some assurance that the evaluation is being properly conducted, they satisfy curiosity, and they provide tentative data for planning purposes.

It is important to note, however, that the tentative nature of interim data does not imply that the results will be different in the final reports, but only that they can be different.

The present report takes an initial look at the effectiveness of our first offender treatment programs in terms of direct traffic safety criteria.

First Offender Research Design

Persons convicted of driving under the influence were offered a reduced fine as incentive to volunteer for the CDUI Project. The net savings for volunteers averaged $105 and resulted in a fifty percent volunteer rate among convicted first offender DUI's in Sacramento Municipal Court. In addition, approximately twenty-seven percent of the low arrest BAC cases allowed to plead to Reckless Driving were also referred to the CDUI Project.

Among those first offender clients who enrolled at intake, seventeen percent were determined to be ineligible for inclusion in the research sample. Most of the ineligible clients lived out of town and were transferred to programs in their home communities. Other ineligible clients were typically non-English speaking and/or functionally illiterate.

Clients in the research sample were randomly assigned according to the schema illustrated in Figure 1.

Every first offender research client was randomly assigned in equal proportion to one level of each of three factors. The treatment factor has three levels:

1) Control Group - These clients received the reduced fine, as did all first offender research clients, but they did not have to attend classes or read any educational materials.
2) Home Study - The home study program consisted of a set of reading materials designed as a self-study, self-paced package. The home study package, which covers the same topics as the in-class education program, was first introduced to clients in a one hour group orientation session. A pre-program knowledge test was also administered at orientation. Each client then returned in four weeks for an individual interview of approximately five minutes duration. The purpose of the final interview

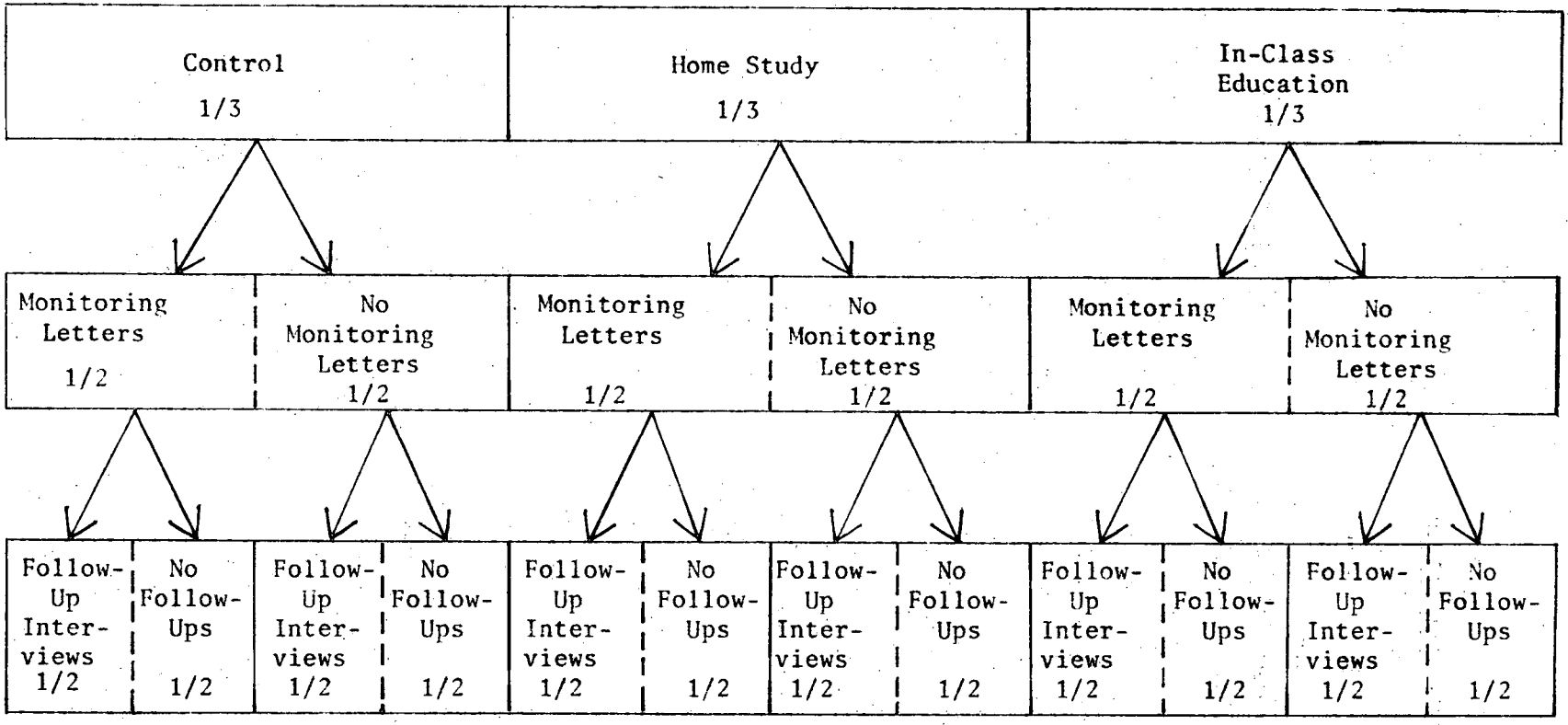

Figure 1
Diagram of First Offender
Research Design

was to determine whether the clients satisfactorily completed the work assignments, and to administer the post-program knowledge test.

3) In-Class Education - The in-class program consisted of four classroom sessions lasting 2½ hours each, over a one-month period. The CDUI in-class program was based largely on the original Phoenix DUI School curriculum and represents the typical alcohol education approach in use around the country. As with the home study program, knowledge tests were administered during the first and the last sessions.

Both the home study and in-class education programs covered the same topics and shared the same knowledge and attitude change objectives. The essential difference between the two programs was the method of presentation. The basic goal of the CDUI Project's education programs was to assist clients to develop a personal action plan to prevent another DUI occurrence. Thus, the program emphasis was on self-directed change. Appendix D presents a summary of the specific education objectives and highlights the course content.

The second factor of the research design has two levels, clients were either assigned to receive quarterly monitoring letters or they were not, one-half of the sample to each condition on a random basis. The function of these letters was to periodically remind the clients that they were on informal summary probation for two years, and to encourage them to drive safely and soberly. It was hypothesized that such periodic reminders which extended beyond the date of treatment completion may enhance the behavior modifying potential of the Project's education and counseling programs. Thus, the CDUI monitoring letters were used as an adjunct to the summary probation process. Appendix E shows an example of the quarterly monitoring letter and a summary of the content analysis.

The third factor of the research design also has two levels. Fifty percent of the first offender clients were assigned to receive

follow-up interviews and fifty percent were not. The follow-up interview process involves three in-depth interviews: The first shortly after assignment (and prior to beginning treatment), and then again at ten and at twenty months from the initial interview. The primary purpose of the follow-up interviews is to collect life activities data for treatment outcome analyses. However, the possibility that follow-up interviews have an effect on driving behavior necessitated the requirement for random assignment to adequately examine this possibility.

Driving Record Data Collection

The collection of driving record data from the California Department of Motor Vehicles (DMV) is largely an automated process. Approximately every six months driving record requests are sent to the DMV, via magnetic computer tape, for every person represented in the CDUI Master Data Base. Upon receipt of the requested records, the specific information needed for project evaluation is removed and the new accident, driving violation, and licensing action data are added to the CDUI DMV Data Base. The entire process takes from four to six weeks from request to completion.

A more detailed description of the data collection procedures is provided in Appendix A. This description is intended to be conceptual rather than technical, although the use of a few data processing terms could not be avoided.

Outcome Criteria

Three treatment outcome (impact) measures were used in this interim report:

1) The first DUI or reckless driving offense occurring subsequent to the date of random assignment. Reckless driving offenses were included in this measure because they are almost all reductions from DUI. In fact, one

of the CDUI Project's multiple offender research designs (the post-conviction presentence, PCPS program) makes the inclusion of reckless driving offenses mandatory. If a first offender research client was rearrested for DUI he could have been referred back to the CDUI Project as a PCPS client. If the client successfully completed the PCPS program he would be allowed to plead to a charge of reckless driving.

2) The first reported accident of any kind occurring subsequent to the date of random assignment. While the first alcohol related accident would provide a more sensitive measure of treatment outcome, A/R accidents were simply too infrequent to be used in such a preliminary analysis. Consequently, any accident recorded through police or financial responsibility reports must suffice for the present. It is important to note, however, that the identification of an accident as alcohol related was often based on the investigating police officer's observations of the appearance and behavior of the driver. Unless the driver was cited for DUI, chemical tests were not usually administered. Thus, some of the police reported accidents indicated as non-alcohol related may actually have involved alcohol. Further, some of the property damage accidents identified through financial responsibility reports may have been alcohol related, such alcohol involvement would not generally be self-reported by the driver.

3) The first moving violation or any alcohol related offense occurring subsequent to the date of random assignment. This outcome measure includes any violation of the California Vehicle Code which carries one or more negligent operator points (including DUI and reckless driving), and any alcohol related zero point violation (e.g., open container). From the standpoint of sensitivity to treatment effects, this measure represents something of a tradeoff. It comprises

many offenses which are not alcohol related, and thus, are not the direct targets of our education efforts. However, the measure does provide a much higher percentage of observed events in the research sample, than either DUI's or accidents. A higher event probability tends to increase the power of the test statistics, other factors remaining constant. This relatively broad outcome measure was used in the present report primarily to describe the general driving behavior of the first offender DUI's in the research design. Future analyses will utilize more sensitive outcome measures such as all alcohol related driving violations or a combination of all A/R violations and A/R accidents.

Statistical Analysis and Related Topics

The analysis of effectiveness involves the comparison of each outcome measure between randomly assigned treatment groups. However, these measures are most meaningful when they are related to a common period of time, e.g., the percentage of control group clients rearrested for DUI, versus the percentage of in-class education clients rearrested for DUI, during the first year following their random assignment. Since first offender DUI clients were continuously assigned from September, 1977 through early January, 1980, all clients in the research sample were not exposed to the risk of rearrest for equal periods of time.

Conceptually, the first step in the analysis of effectiveness was to organize clients in the research sample (those assigned through early October, 1979) by exposure time. By computing the exact number of days between the date of random assignment and the date of the last California DMV records search (for this study October 29, 1979), for each client in the sample, cases could be organized in thirty day exposure time intervals, 0-30 days, 30-60 days, etc. All clients in the research sample were represented in the 0-30 day interval, however, those clients assigned in October, 1979, would not be represented in the 30-60 day interval. Continuing this procedure, one finds that

only a very small number of clients assigned in early Fall of 1977 were represented in the last interval of 750 days or more. Thus, the effective sample size decreases progressively as exposure time increases.

Survival rate analysis, a procedure originally developed for biomedical research, is highly applicable to data in the above form. In the present application, a survivor is a client who has not committed the target event during his period of exposure (i.e., a DUI offense, or accident, or a moving violation of any kind). Committing the target (or terminal) event removes the client from the sample, thus the outcome measures are defined as the first occurrence of each event type. In other words, an individual cannot be counted as a DUI recidivist twice. With this restriction, it is apparent that the effective sample size decreases not only when survivors run out of exposure time but also when terminal events occur.

Table 1 provides an example of a survival data table. These are real data for the total control group using first moving violation or any A/R offense as the outcome measure. The first, left most, column shows the start of each thirty day interval. The second column shows the number of cases entering each interval. Examination of the first row of data indicates that there was a total of 1,270 control group cases available for analysis. Out of the 1,270 cases, there were 13 cases whose follow-up period ended somewhere in the first thirty-day interval. The number of clients who were withdrawn surviving at each successive thirty-day interval is indicated in the third column.

Assuming that those cases withdrawn surviving at each interval were evenly distributed throughout the interval, then the number of clients exposed to risk may be estimated by the number entering each interval (column 2), minus 1/2 of those withdrawn during that interval (column 3). The number of clients exposed to the risk of detection for a target event at each interval is shown in column 4 of Table 1. The fifth column shows the number of terminal or target events which occurred during each interval. The first row in the example table indicates that 38 clients committed a moving violation or some kind of A/R offense within the first thirty days after receiving their

Table 1

Example Survival Data Table

(1) Intvl Start Time (Days)	(2) Number Entrng This Intvl	(3) Number Wdrawn During Intvl	(4) Number Exposd to Risk	(5) Number of Termnl Events	(6) Propn Termi-nating	(7) Propn Survi-ving	(8) Cumul Propn Surv At End	(9) SE of Cumul Survi-ving
0.0	1270.0	13.0	1263.5	38.0	0.0301	0.9699	0.9699	0.005
30.0	1219.0	44.0	1197.0	33.0	0.0276	0.9724	0.9432	0.007
60.0	1142.0	36.0	1124.0	18.0	0.0160	0.9840	0.9281	0.007
90.0	1088.0	45.0	1065.5	19.0	0.0178	0.9822	0.9115	0.008
120.0	1024.0	45.0	1001.5	23.0	0.0230	0.9770	0.8906	0.009
150.0	956.0	81.0	915.5	12.0	0.0131	0.9869	0.8789	0.010
180.0	863.0	69.0	828.5	15.0	0.0181	0.9819	0.8630	0.010
210.0	779.0	87.0	735.5	11.0	0.0150	0.9850	0.8501	0.011
240.0	681.0	71.0	645.5	13.0	0.0201	0.9799	0.8330	0.012
270.0	597.0	48.0	573.0	6.0	0.0105	0.9895	0.8243	0.012
300.0	543.0	50.0	518.0	6.0	0.0116	0.9884	0.8147	0.012
330.0	487.0	47.0	463.5	7.0	0.0151	0.9849	0.8024	0.013
360.0	433.0	55.0	405.5	4.0	0.0099	0.9901	0.7945	0.014
390.0	374.0	52.0	348.0	1.0	0.0029	0.9971	0.7922	0.014
420.0	321.0	39.0	301.5	2.0	0.0066	0.9934	0.7870	0.014
450.0	280.0	41.0	259.5	1.0	0.0039	0.9961	0.7839	0.014
480.0	238.0	38.0	219.0	0.0	0.0	1.0000	0.7839	0.014
510.0	200.0	26.0	187.0	3.0	0.0160	0.9840	0.7713	0.016
540.0	171.0	32.0	155.0	0.0	0.0	1.0000	0.7713	0.016
570.0	139.0	27.0	125.5	0.0	0.0	1.0000	0.7713	0.016
600.0	112.0	25.0	99.5	0.0	0.0	1.0000	0.7713	0.016
630.0	87.0	21.0	76.5	0.0	0.0	1.0000	0.7713	0.016
660.0	66.0	20.0	56.0	0.0	0.0	1.0000	0.7713	0.016
690.0	46.0	12.0	40.0	0.0	0.0	1.0000	0.7713	0.016
720.0	34.0	22.0	23.0	0.0	0.0	1.0000	0.7713	0.016
750.0+	12.0	12.0	6.0	0.0	0.0	1.0000	0.7713	0.016

random assignment. This is 38 clients out of 1,263.5 exposed to risk during the first thirty-day period, representing a proportion of .0301. The second row of Table 1 shows that 33 more clients committed offenses sometime between 30 and 60 days after their random assignment, out of 1,197 exposed to risk, giving an offense rate of .0276 for this interval. The proportion of clients terminating at each interval is shown in column 6.

Each proportion terminating was subtracted from 1.0 to give the proportion surviving in each thirty-day interval, shown in column 7. An estimate of the cumulative survival rate up to the end of a specific interval was computed by multiplying the proportions surviving (in column 7) up through that interval. For example, the cumulative proportion surviving up to 120 days after random assignment is .9699 x .9724 x .9840 x .9822 = .9115. The cumulative proportion of clients surviving at the end of each interval is shown in the eighth column of Table 1. The last column shows the standard error of the cumulative survival rate at each thirty-day interval.

In addition to computing the cumulative survival rate for each treatment group in the research design, tests were conducted to determine whether the survival rate differed significantly between treatment groups. The significance test used was the Lee-Desu Statistic. This test is based on a score U computed for each client by comparing his survival time with that of all other clients in the total research sample. A client's score begins as zero and is incremented by one for every case that is known to have a survival time less than the client's and decremented by one for every case with a survival time greater than the client's. There are also specific rules for breaking ties. The Lee-Desu statistic calculated from the U scores is distributed as chi-square with g-1 degrees of freedom (where g is the number of treatment groups). This statistic uses all available information to test the null hypothesis that the treatment groups are samples from the same survival distribution. The alpha level was set at .10. Readers interested in a more detailed explanation of survival rate analysis

and the Lee-Desu statistic should refer to the Statistical Package for the Social Sciences, SPSS Update for Releases 7 and 8.*

One's ability to detect treatment effects when they exist, that is to reject the null hypothesis and show that the treatment groups have significantly different survival rates, depends on several factors. Two of these factors are guaranteed to improve with time: Total sample size, and the probability of observing the target events.

The total first offender research sample obtained during the random assignment period was 4,637 clients. In October, 1979, there were only 4,155 cases in the CDUI data base and available for the DMV records search. Of the 4,155 requests made, 290 cases could not be identified in the DMV automated driving record system, and must be considered temporarily missing. Thus, the research sample size for this report was 3,865 clients or 83 percent of the complete research sample.

While an eventual 17 percent increase in the total sample size will enhance our ability to detect treatment effects, an increase in the length of time the sample is exposed to risk of arrest or accident involvement is even more important. A look at the survival data in Table 1 shows that less than half of the control group clients were exposed to risk at nine months after random assignment. As the follow-up period increases, so will the probability of detecting outcome events (or our sample estimate of the event probability), and thus the sensitivity of our outcome analyses. One can see in Table 1 that no one in the control group was observed committing a moving violation beyond 540 days from assignment.

In the present report there is another factor affecting the sensitivity of analyses which use subsequent DUI/Reckless Driving offenses as the outcome measure. Some randomly assigned first offenders who were rearrested for DUI were placed in the CDUI Project's Post-Conviction Presentence (PCPS) program for second-time

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*Hull, C.H. & Nie, N.H. (Eds.) SPSS UPDATE: New Procedures and Facilities for Releases 7 and 8. New York: McGraw-Hill, 1979.

offenders. Clients in this program are monitored by the DMV and the CDUI Project through a special pull notice system triggered by subsequent DUI activity. There is no official record of the DUI/Reckless Driving event in the DMV file until the client is sentenced (for reckless driving) thirteen months from the date of conviction (or when the client is deleted from the PCPS program for non-participation and sentenced on the original DUI charge).

An examination of the CDUI Data Base indicated that there may be as many as 155 clients in the first offender research sample who were actually rearrested for DUI, but who were not counted as recidivists in the present analysis because there was as of October 29, 1979, no official record of the event in the DMV files. When one considers that out of a total sample of 3,865 cases there were 236 detected DUI events, the addition of another 155 could make a substantial difference in the results of the analysis.

In order to estimate the effect of this loss of outcome events, the 155 suspected recidivists were grouped by treatment modality. They were found to be distributed in equal proportion between the control, home-study, and in-class education groups. This suggests that their loss from the sample did not introduce a between group bias in the results. Nevertheless, their loss from the sample certainly decreased the apparent event probability, and thus the sensitivity of the analyses.

Accurately backing the missing data into the survival rate analyses by hand would take more time than was presently available. However, it will be done for the next interim report.

Group Comparisons

The principal set of analyses involved the comparison of survival experience between levels of the treatment factor, that is between the control, home study, and in-class education groups. About one-half of the clients in these groups were also assigned to letter monitoring and/or follow-up interviews, however, such

cases were distributed in equal proportion between the treatment groups by the random assignment process. Separate treatment group comparisons were made using each of the three outcome measures, e.g., DUI/reckless driving, accidents, and moving violation/any AR offense.

Survival rates were also computed for a sample of offenders who did not volunteer for the CDUI Project. The non-volunteers represent persons who were convicted of their first DUI offense or who had their original DUI charge reduced to reckless driving because of a relatively low BAC level (typically .12 or below) but who chose to pay a higher fine in lieu of participation in the CDUI Project's education programs. Unfortunately, the Project was not permitted to interview the non-volunteers so relatively little is known about their personal characteristics. This sample is not part of the research design but when compared with the volunteer research sample (and the control group in particular) it provides an indication of relative driving behavior. A substantial difference between control clients (representing untreated volunteers) and the untreated non-volunteer sample would make it inappropriate to generalize treatment effects to those persons having the characteristics of our non-volunteer sample.

In addition to examining the total number of clients assigned to the treatment groups, it is of interest to determine whether certain subgroups of clients appear differentially affected by the education programs. This was accomplished by comparing the treatment group survival rates for clients in two different age groups (less than 25 years, and 25 years or older), and three different diagnostic classifications (social drinker, mid-range problem drinker, and severe problem drinker).

The classification of clients by drinking problem severity was based on the judgement of the diagnostic counselor during a half-hour intake interview. The counselors did not apply a uniform, systematic formula, rather the classification decision was a subjective process of weighing mostly self-reported information.

From September 1977 through August 1978, the Mortimer-Filkins questionnaire and interview protocol was used to obtain the information for the diagnosis. It must be emphasized that the diagnostic counselors, several of whom had been using the Mortimer-Filkins in an on-going treatment referral program prior to the implementation of the CDUI Project, almost never compared the total instrument score with the standard cutoff points when making their classification decisions. Instead, the counselors based their decisions on the responses to "key" items on which the clients appeared to be most candid.

In September of 1978 it became necessary to shorten the intake procedures in order to process an increasing number of clients. The procedures were modified by eliminating the questionnaire portion of the Mortimer-Filkins and by using in the interview protocol only those items for which the counselors felt that they got the most consistently honest responses. Several new items were added at the suggestion of the counselors. These items addressed life problems which would cause situational and transient stress, e.g., loss of a job, a recent divorce, or the death of a close friend or relative. It was felt that such items could help the counselors to identify persons whose drinking-driving activity represented an atypical and inappropriate response to a temporary stress condition, as opposed to a long-standing habit of heavy drinking and driving. The revised intake interview protocol used from September 1978 through the end of the operational period is shown in Appendix F.

In addition to the self-reported information, the diagnostic counselors usually knew the clients' blood alcohol content (BAC) at the time of arrest, and of course, they also knew that clients referred as multiple DUI offenders had at least one prior DUI conviction. The total number of prior alcohol-related offenses, however, had to be obtained from self-reports. Through the interview process the counselors found that even a proportion of the clients referred as first offender DUI's actually had prior DUI arrests which had been purged from the official records, or which had occurred in other States.

With a basic understanding of the CDUI Project's diagnostic procedures, the three drinker type categories can be defined as follows:

Social (Non-Problem) Drinker - A person who appeared to have only a modest tolerance to alcohol, who did not regularly drive at illegal blood alcohol levels, and who was unlikely to be rearrested for DUI.

Social drinkers generally had a BAC less than .15, and no prior DUI convictions recorded or self-reported.

Severe Problem Drinker - A person who showed symptoms of physical or strong psychological addition to alcohol, heavy frequent drinking, a high level of tolerance--capable of functioning at high BAC levels, and who evidenced significant life problems resulting from alcohol abuse.

Severe problem drinkers usually had a high arrest BAC, in excess of .20, and one or more prior convictions for DUI.

Mid-Range Problem (Excessive) Drinkers - This category was for persons who could not be classified as social drinkers but whose drinking problems were not as advanced as those persons classified as severe problem drinkers. Persons in this broad category evidenced a variety of excessive drinking patterns, moderate but not extremely high tolerance to alcohol, and were often developing life problems related to their excessive drinking habits.

Mid-range problem drinkers typically had an arrest BAC of .15 or higher but they did not necessarily have a prior DUI conviction. Unlike social drinkers, however, the mid-range problem drinkers were considered much more likely to be rearrested for DUI.

Finally, the effectiveness of our secondary procedures of quarterly letter monitoring and follow-up interviews was examined by comparing the survival experience of clients assigned to these conditions, versus those who were not.

The various group comparisons are listed below in order of presentation:

Treatment Group Comparisons: Control vs Home Study vs. In-Class Education

- Total Assigned
- Age less than 25 years
- Age 25 years or older
- Social Drinkers
- Mid-range Problem Drinkers
- Severe Problem Drinkers
- Comparison of all control group clients vs. non-volunteer sample.

Letter Monitoring Group Comparisons: Letter Monitoring vs. No Letter Monitoring

- Total Assigned

Follow-up Interview Group Comparisons: Follow-up Interviews vs. No Follow-up Interviews

- Total Assigned

SUMMARY OF RESULTS

The following review of the interim impact analyses does not emphasize the results of significance tests. Rather, an attempt is made to identify consistent patterns in the survival distributions. The findings are summarized first for the treatment group comparisons, and then for the analyses of the letter monitoring and follow-up interview procedures.

Effectiveness of First Offender Education Programs

Table 2.a presents the cumulative survival rates at three time intervals for the first offender treatment groups. The intervals selected for presentation were 240 days, 360 days, and 480 days from random assignment, or approximately 8, 12, and 16 months. The 12 month survival rate was selected as a common standard comparable with previous research. Two points were then selected, spaced equidistant prior and subsequent to the 12 month interval. Sixteen months from assignment was thought to provide the maximum exposure time while still maintaining a reasonably stable estimate of the cumulative survival rate. Actually, the stability of the 16 month survival rate for the two smallest subgroups, social drinkers, and severe problem drinkers, was questionable. However, the 16 month rate was presented for all treatment group comparisons to make the data comparable. The 8 month interval represents the shortest exposure time but of the three selected intervals it provides the only survival rates based on more than half of the total research sample.

The survival rates in Table 2.a represent the results of all 18 analyses of treatment effectiveness: total assigned, two age subgroups, and three diagnostic classifications, for each of the three outcome measures. For each of the 18 analyses, an overall significance test was conducted to assess whether the observed differences in cumulative survival rate between control, home study, and in-class groups were statistically significant (i.e., indicative of a treatment effect). Each overall significance test was followed by three specific pairwise comparisons (control vs. home study, control vs. in-class, and home study vs. in-class).

Table 2.a

Summary of Cumulative Survival Rates at Selected Time Intervals: First Offender Treatment Groups

Outcome Measures

	Accidents			DUI-Reckless			Moving Viol.-A/R Off.		
# Days From Assignment →	240	360	480	240	360	480	240	360	480
Total Assigned									
Control	.9386	.9156	.8899	.9426	.9266	.9128	.8501	.8024	.7839
Home Study	.9307	.9078	.8869	.9436	.9316	.9248	.8420	.8098	.7901
In-Class	.9431	.9037	.8744	.9498	.9340	.9280	.8453	.8028	.7707
Age < 25 yrs.									
Control	.9259	.8997	.8857	.9385	.9196	.8996	.8031	.7444	.7234
Home Study	.9028	.8795	.8510	.9255	.9187	.9006	.7766	.7502	.7120
In-Class	.9106	.8680	.8178	.9320	.9204	.9088	.7912	.7489	.7137
Age ≥ 25 yrs.									
Control	.9462	.9252	.8922	.9449	.9308	.9208	.8786	.8378	.8208
Home Study	.9469	.9244	.9080	.9540	.9389	.9389	.8796	.8441	.8345
In-Class	.9621	.9305	.9074	.9603	.9419	.9390	.8769	.8344	.8040
Social Drinkers									
Control	.9674	.9472	.9296	.9686	.9686	.9342	.8692	.8206	.7985
Home Study	.9243	.9166	.9076	.9346	.9346	.9346	.8493	.8194	.8194
In-Class	.9484	.9269	.8901	.9702	.9639	.9457	.8705	.8489	.8212
Midrange Problem Drinkers									
Control	.9332	.9096	.8898	.9398	.9183	.9070	.8447	.7991	.7814
Home Study	.9310	.9061	.8852	.9521	.9371	.9336	.8432	.8056	.7889
In-Class	.9380	.8997	.8626	.9497	.9360	.9268	.8389	.7979	.7661
Severe Problem Drinkers									
Control	.9200	.8944	.8426	.9172	.9002	.9002	.8458	.7911	.7755
Home Study	.9368	.9045	.8730	.9220	.9066	.8835	.8278	.8126	.7647
In-Class	.9566	.9138	.9009	.9245	.8877	.8877	.8386	.7636	.7259

Of the 18 overall significance tests conducted, none reached statistical significance at the .10 level. Moreover, of the 54 pair-wise comparisons made only one, social drinkers control vs. home study for accidents, was statistically significant ($p = .0768$). Given that none of the overall comparisons reached statistical significance and considering the number of significance tests conducted, this single statistically significant difference must be disregarded as spurious.

Complete survival data tables as well as summaries of all significance tests conducted for the treatment group analyses are presented in Appendix B. It should be recalled that the significance tests involved the comparison of entire survival distributions using all available data and not just the three survival rates selected for presentation in Table 2.a. Even a cursory review of the material in Appendix B will give the reader a better impression of treatment group survival experience including effective sample size, exposure time, and the actual number of accidents and violations.

As an aid to reviewing Appendix B and interpreting the results of the statistical analyses, the total sample sizes on which the significance tests were based are summarized below:

Total Assigned:	
Control	1,270
Home Study	1,309
In-Class Education	1,286
Total	3,865
Age Subgroups:	
Total < 25 years	1,434
Total ≥ 25 years	2,431
Diagnostic Subgroups:	
Total Social Drinkers	781
Total Mid-Range Problem Drinkers	2,447
Total Severe Problem Drinkers	637
Non-Volunteer Sample:	3,240

Although the results of the statistical analyses provided no evidence that the survival rate differences in Table 2.a were anything more than chance flucuations in the data, one should not be deterred from closely inspecting the survival data for consistent

patterns and tendencies. The first step in this process was to determine how the data behave. For example, were there logical and anticipated differences in survival rates between the age and diagnostic subgroups?

By subtracting the selected survival rates from 1.0 the data were transformed to the accident and violation rates shown in Table 2.b. Comparing the two age subgroups, it is clear that the younger offenders between 18 and 24 years of age had consistently higher accident and DUI offense rates than offenders who were 25 years of age or older. This difference was even more pronounced for total moving violations where the younger offenders' 480 day rates ranged from .2766 to .2880, compared with .1655 to .1960 for the older offenders. Since the single most common moving violation (other than DUI) was speeding, the higher rate of moving violations among the younger offenders was expected by the authors.

Of the three outcome measures used in this study, DUI-reckless driving offenses had the greatest degree of alcohol involvement and, therefore, should show the highest correlation with drinking problem severity. The data in Table 2.b do in fact show small but consistent differences between diagnostic subgroups in the anticipated direction. The 480 day DUI offense rates for social drinkers ranged from .0543 to .0658, midrange problem drinkers from .0664 to .0930, and severe problem drinkers from .0998 to .1165.

Thus in general, the data used in this interim report appear to behave logically and have enough sensitivity to distinguish major subgroups of the first offender research sample. While this was reassuring, our primary interest concerned the identification of consistent between group differences in survival experience.

In Table 2.c the cumulative survival rates from Table 2.a were rank ordered between the three treatment groups. The groups were ordered at each time interval, 1 for the group with the lowest survival rate (highest accident/violation rate), and 3 for the group with the highest survival rate. The figure numbers in Table 2.c refer to the corresponding graphs of the entire survival rate distributions which are presented in the following text. All four decimal places in the cumulative survival rates were used in both the ordering and the

Table 2.b

Summary of Accident and Violation Rates at Selected Time Intervals: First Offender Treatment Groups

Outcome Measures

# Days From Assignment →	Accidents			DUI-Reckless			Moving Viol.-A/R Off.		
	240	360	480	240	360	480	240	360	480
Total Assigned									
Control	.0614	.0844	.1101	.0574	.0734	.0872	.1499	.1976	.2161
Home Study	.0693	.0922	.1131	.0564	.0684	.0752	.1580	.1902	.2099
In-Class	.0569	.0963	.1256	.0502	.0660	.0720	.1547	.1972	.2293
Age < 25 yrs.									
Control	.0741	.1003	.1143	.0615	.0804	.1004	.1969	.2556	.2766
Home Study	.0972	.1205	.1490	.0745	.0813	.0994	.2234	.2498	.2880
In-Class	.0894	.1320	.1822	.0680	.0796	.0912	.2088	.2511	.2863
Age ≥ 25 yrs.									
Control	.0538	.0748	.1078	.0551	.0692	.0792	.1214	.1622	.1792
Home Study	.0531	.0756	.0920	.0460	.0611	.0611	.1204	.1559	.1655
In-Class	.0379	.0695	.0926	.0397	.0581	.0610	.1231	.1656	.1960
Social Drinkers									
Control	.0326	.0528	.0704	.0314	.0314	.0658	.1308	.1794	.2017
Home Study	.0757	.0834	.0924	.0654	.0654	.0654	.1507	.1806	.1896
In-Class	.0516	.0731	.1099	.0298	.0361	.0543	.1295	.1511	.1788
Midrange Problem Drinkers									
Control	.0668	.0904	.1102	.0602	.0817	.0930	.1553	.2009	.2186
Home Study	.0690	.0939	.1148	.0479	.0629	.0664	.1568	.1944	.2111
In-Class	.0620	.1003	.1374	.0503	.0640	.0732	.1611	.2021	.2339
Severe Problem Drinkers									
Control	.0800	.1056	.1574	.0828	.0998	.0998	.1542	.2089	.2245
Home Study	.0632	.0955	.1270	.0780	.0934	.1165	.1722	.1874	.2353
In-Class	.0434	.0862	.0991	.0755	.1123	.1123	.1614	.2364	.2741

Table 2.c

Relative Order of Cumulative Survival Rates at Selected Time Intervals: First Offender Treatment Groups
(1 = lowest survival rate, 3 = highest survival rate)

Outcome Measures

	Accidents			DUI-Reckless			Moving Viol.-A/R Off.		
# Days From Assignment →	240	360	480	240	360	480	240	360	480
Total Assigned		(Fig. 2)			(Fig. 3)			(Fig. 4)	
Control	2	3	3	1	1	1	3	1	2
Home Study	1	2	2	2	2	2	1	3	3
In-Class	3	1	1	3	3	3	2	2	1
Age < 25 yrs.		(Fig. 5)			(Fig. 6)			(Fig. 7)	
Control	3	3	3	3	2	1	3	1	3
Home Study	1	2	2	1	1	2	1	3	1
In-Class	2	1	1	2	3	3	2	2	2
Age ≥ 25 yrs.		(Fig. 8)			(Fig. 9)			(Fig. 10)	
Control	1	2	1	1	1	1	2	2	2
Home Study	2	1	3	2	2	2	3	3	3
In-Class	3	3	2	3	3	3	1	1	1
Social Drinkers		(Fig. 11)			(Fig. 12)			(Fig. 13)	
Control	3	3	3	2	3	1	2	2	1
Home Study	1	1	2	1	1	2	1	1	2
In-Class	2	2	1	3	2	3	3	3	3
Midrange Problem Drinkers		(Fig. 14)			(Fig. 15)			(Fig. 16)	
Control	2	3	3	1	1	1	3	2	2
Home Study	1	2	2	3	3	3	2	3	3
In-Class	3	1	1	2	2	2	1	1	1
Severe Problem Drinkers		(Fig. 17)			(Fig. 18)			(Fig. 19)	
Control	1	1	1	1	2	3	3	2	3
Home Study	2	2	2	2	3	1	1	3	2
In-Class	3	3	3	3	1	2	2	1	1

plotting of the data. This precision was necessary to reveal patterns but the reader is cautioned that the actual magnitude of between group differences in survival rate are frequently minute.

A pattern was defined as consistent if:

1. The relative order of group survival rates was maintained between all three time intervals (i.e., 240, 360, and 480 days).

AND either 2 or 3

2. The order pattern occurred in two or more analyses for the same outcome measure (e.g., total assigned, age $\geq$ 25 years, and social drinkers, for accidents).

3. The order pattern occurred in the same analysis for two or more outcome measures (e.g., severe problem drinkers for DUI's and accidents).

The first criterion for a consistent pattern eliminated all but five of the eighteen analyses summarized in Table 2.c:

1. Severe problem drinkers/accidents (Fig.17)
2. Total assigned/DUI (Fig.3)
3. Age $\geq$ 25 years/DUI (Fig.9)
4. Midrange problem drinkers/DUI (Fig.15)
5. Age $\geq$ 25 years/moving violation (Fig.10)

The first pattern listed above shows in-class with the highest survival rate, then home study, followed by the control group with the lowest survival rate. However, this pattern did not occur for any of the other analyses using accident data, nor did it occur in the other severe problem drinker analyses using DUI's or moving violations, thus by definition it was not consistent.

The second pattern identified was for the analysis of total assigned groups using DUI's as the outcome measure. In-class education had the highest survival rate followed by home study and then the control group with the lowest survival rate. This pattern was replicated for the age group 25 years and older with the DUI outcome measure. For midrange problem drinkers, the control group still had the lowest DUI survival rate but the home study group showed a higher survival rate than in-class education. Although the results of the midrange problem drinker analysis did not exactly replicate the findings for total

assigned and 25 years or older, the lower survival rate for the control group lends at least some support to the contention that we have identified a consistent pattern in treatment group survival rates.

The last pattern in Table 2.c to pass the first criterion of consistency was for the age 25 years or older subgroup using total moving violations as the outcome measure. In this analysis the in-class education group had the lowest survival rate followed by the control group and then the home study group with the highest survival rate. However, this pattern did not occur for any of the other analyses using moving violations, nor did it occur in the other age 25 years or older analyses using DUI's or accidents as the outcome measure. Thus, the pattern was not consistent.

Overall, there were only two analyses of treatment effectiveness out of eighteen which produced a consistent (albeit not statistically significant) pattern of results. The analysis of total assigned groups showed the lowest DUI survival rate for the control group and the highest DUI survival rate for the in-class education group. This pattern was replicated for the older offender group but not for the younger offenders. One could argue for or against the rationality of this observation. All that can reasonably be done at the present time is to simply report the finding.

One might have expected the above pattern to have been replicated among the social drinker offenders. If, however, the offenders diagnosed as social drinkers tended to be younger, and if younger offenders tended to be less influenced by our educational programs, then the social drinker subgroup would not necessarily represent a more treatable population. Methodologically, this suggests that subgroups should be defined using a profile of descriptive variables rather than using categories of a single variable.

The last set of analyses associated with treatment outcome involved a comparison of the non-volunteer sample with the control group (representing the untreated volunteers). If these groups differed significantly in survival experience we would have to be cautious in generalizing any potential treatment effects found for the total assigned groups. Table 3.a shows the cumulative survival rates at 240, 360, and 480 days from assignment (or from sentencing for the

Table 3.a

Summary of Cumulative Survival Rates at Selected Time Intervals: Total Control Group Assignments versus Non-Volunteers

	Outcome Measures								
	Accidents			DUI-Reckless			Moving Viol.-A/R Off.		
# Days From Assignment →	240	360	480	240	360	480	240	360	480
Total Assigned									
Control	.9386	.9156	.8899	.9426	.9266	.9128	.8501	.8024	.7839
Non-Volunteer	.9413	.9183	.9038	.9527	.9417	.9307	.8550	.8258	.8076

Table 3.b

Summary of Accident and Violation Rates at Selected Time Intervals: Total Control Group Assignments versus Non-Volunteers

	Outcome Measures								
	Accidents			DUI-Reckless			Moving Viol.-A/R Off.		
# Days From Assignment →	240	360	480	240	360	480	240	360	480
Total Assigned									
Control	.0614	.0844	.1101	.0574	.0734	.0872	.1499	.1976	.2161
Non-Volunteer	.0587	.0817	.0962	.0473	.0583	.0693	.1450	.1742	.1924

Table 3.c

Relative Order of Cumulative Survival Rates at Selected Time Intervals: Total Control Group Assignments versus Non-Volunteers (1 = lowest survival rate, 2 = highest survival rate)

	Outcome Measures								
	Accidents			DUI-Reckless			Moving Viol.-A/R Off.		
# Days From Assignment →	240	360	480	240	360	480	240	360	480
Total Assigned	(Fig. 2)			(Fig. 3)			(Fig. 4)		
Control	1	1	1	1	1	1	1	1	1
Non-Volunteer	2	2	2	2	2	2	2	2	2

non-volunteers). The corresponding accident and violation rates are shown in Table 3.b and the relative order of survival rates are shown in Table 3.c. Overall, the results indicated no statistically significant differences between the control group and the non-volunteer sample. There was, however, a consistent tendency for the non-volunteers to have a higher survival rate than the control group volunteers. This may have been due to the fact that the non-volunteer sample contained a relatively higher proportion of low BAC cases which were reduced to reckless driving. In general, low arrest BAC's suggest less severe drinking problems.

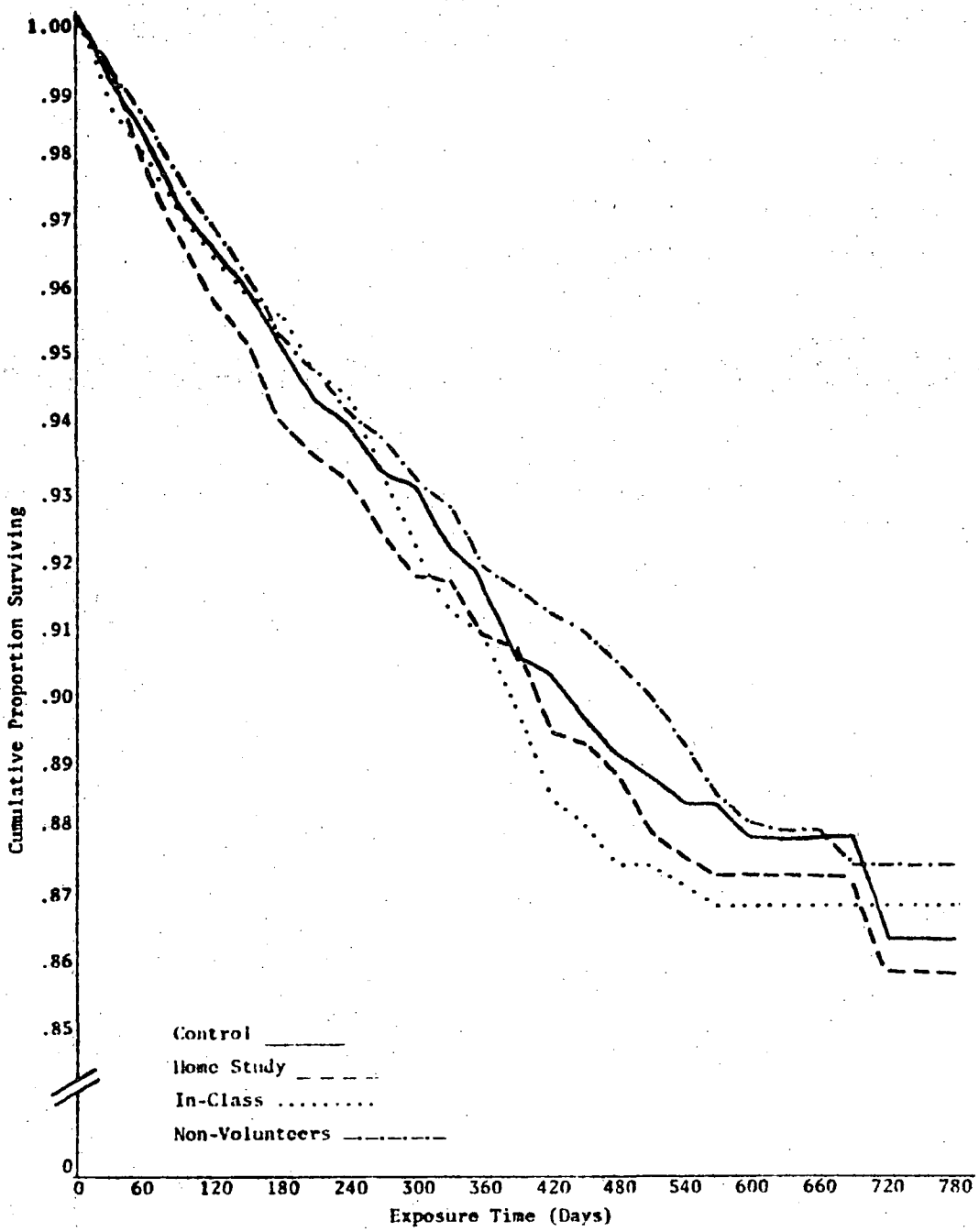


Figure 2

Plot of Cumulative Survival Rates for Total First Offender Treatment Groups and the Nonvolunteer Sample: First Accident

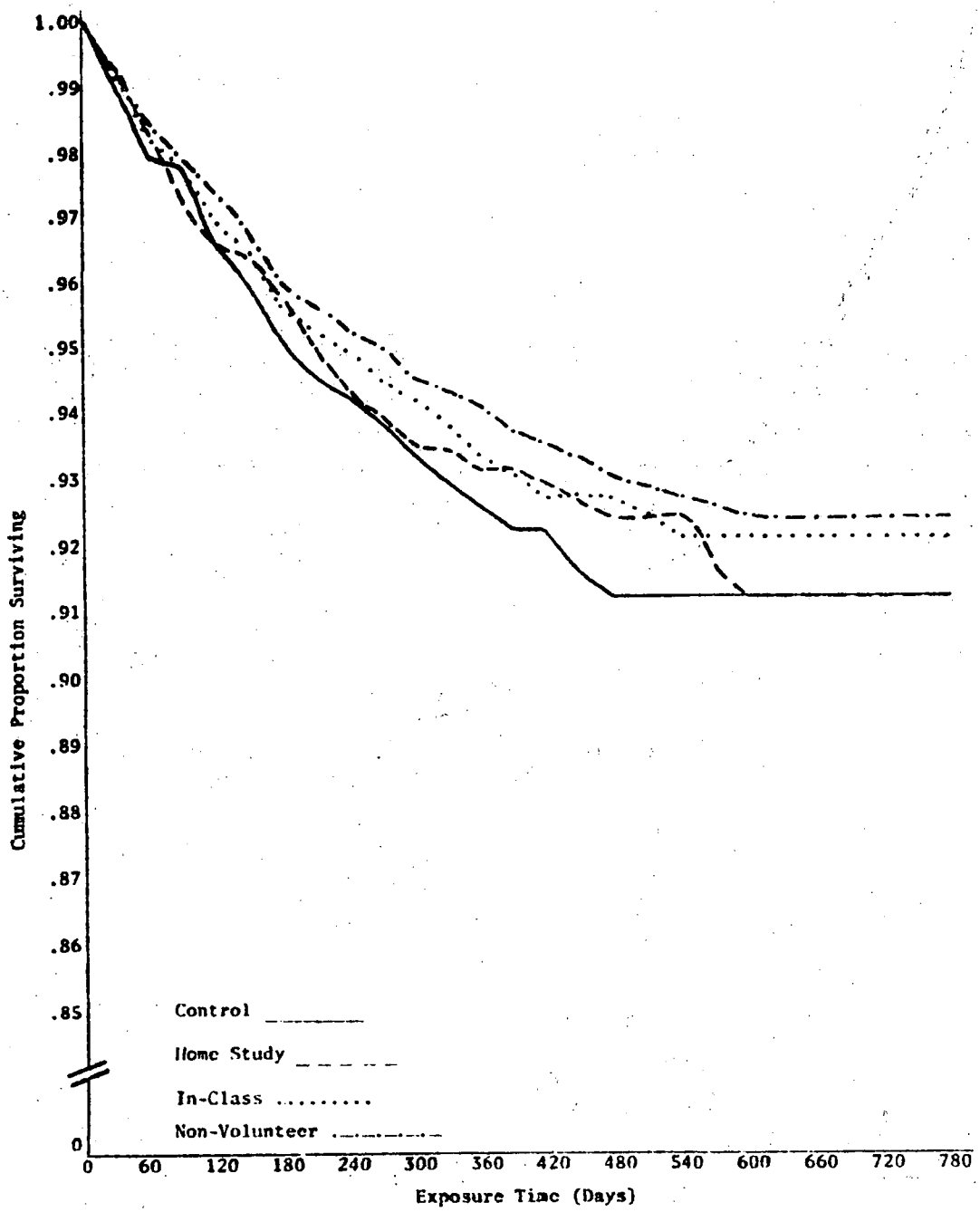


Figure 3

Plot of Cumulative Survival Rates For Total First Offender Treatment Groups and The Nonvolunteer Sample: First DUI or Reckless Driving Offense

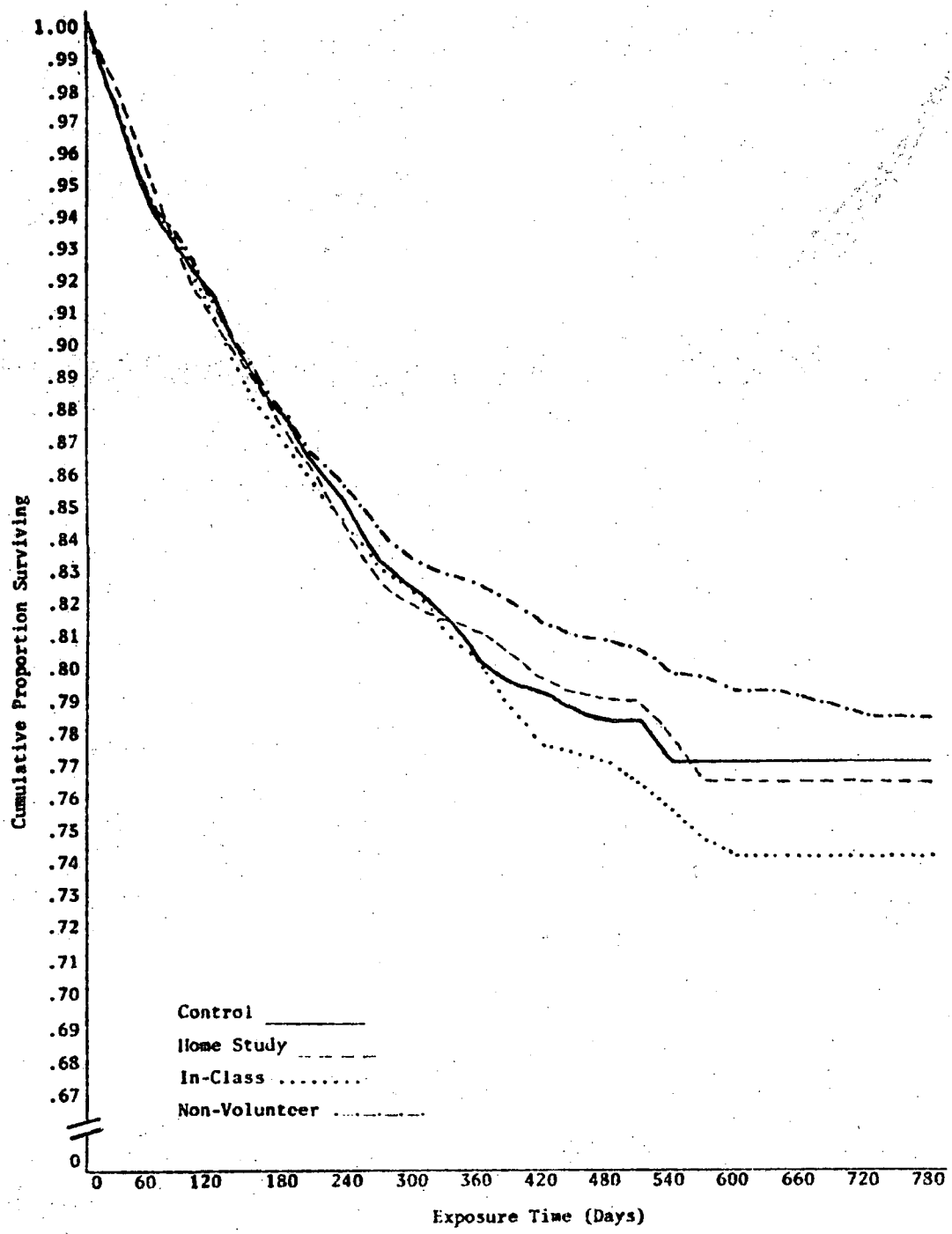


Figure 4

Plot of Cumulative Survival Rates For Total First Offender Treatment Groups and the Nonvolunteer Sample: First Moving Violation or Any A/R Offense

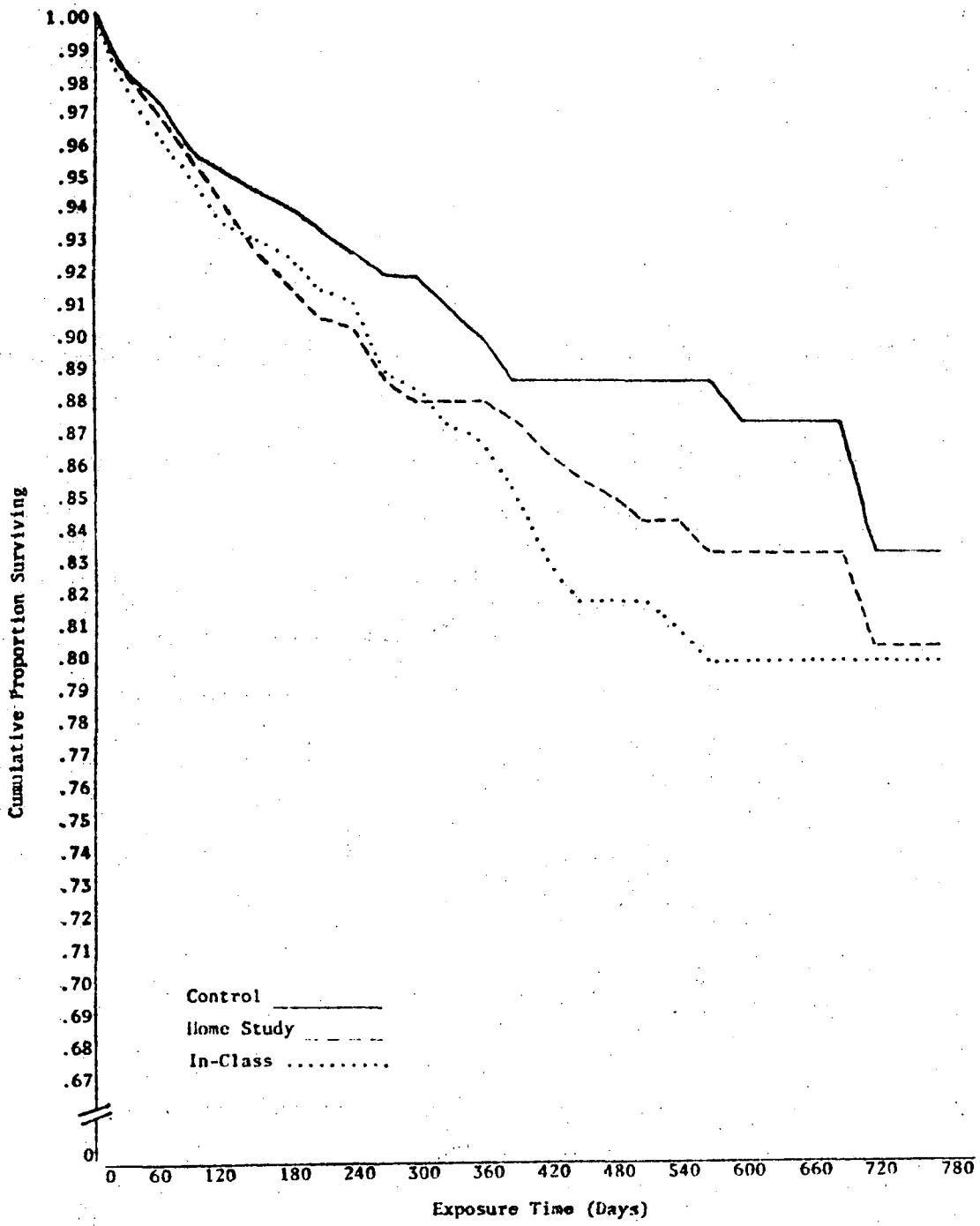


Figure 5

Plot of Cumulative Survival Rates for First Offender Treatment Groups, Age Less Than 25 Years: First Accident

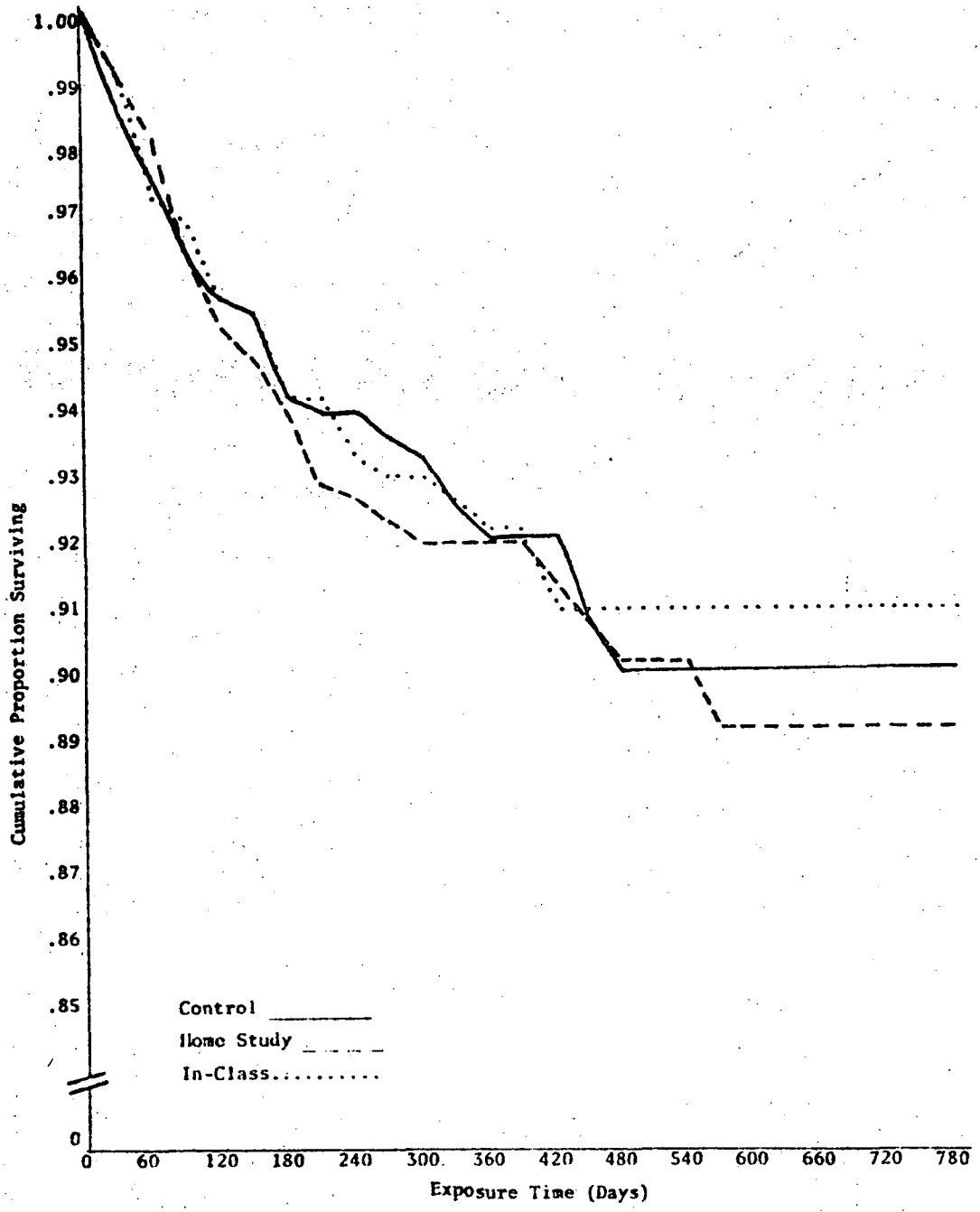


Figure 6

Plot of Cumulative Survival Rates For First Offender Treatment Groups, Age Less Than 25 Years: First DUI or Reckless Driving Offense

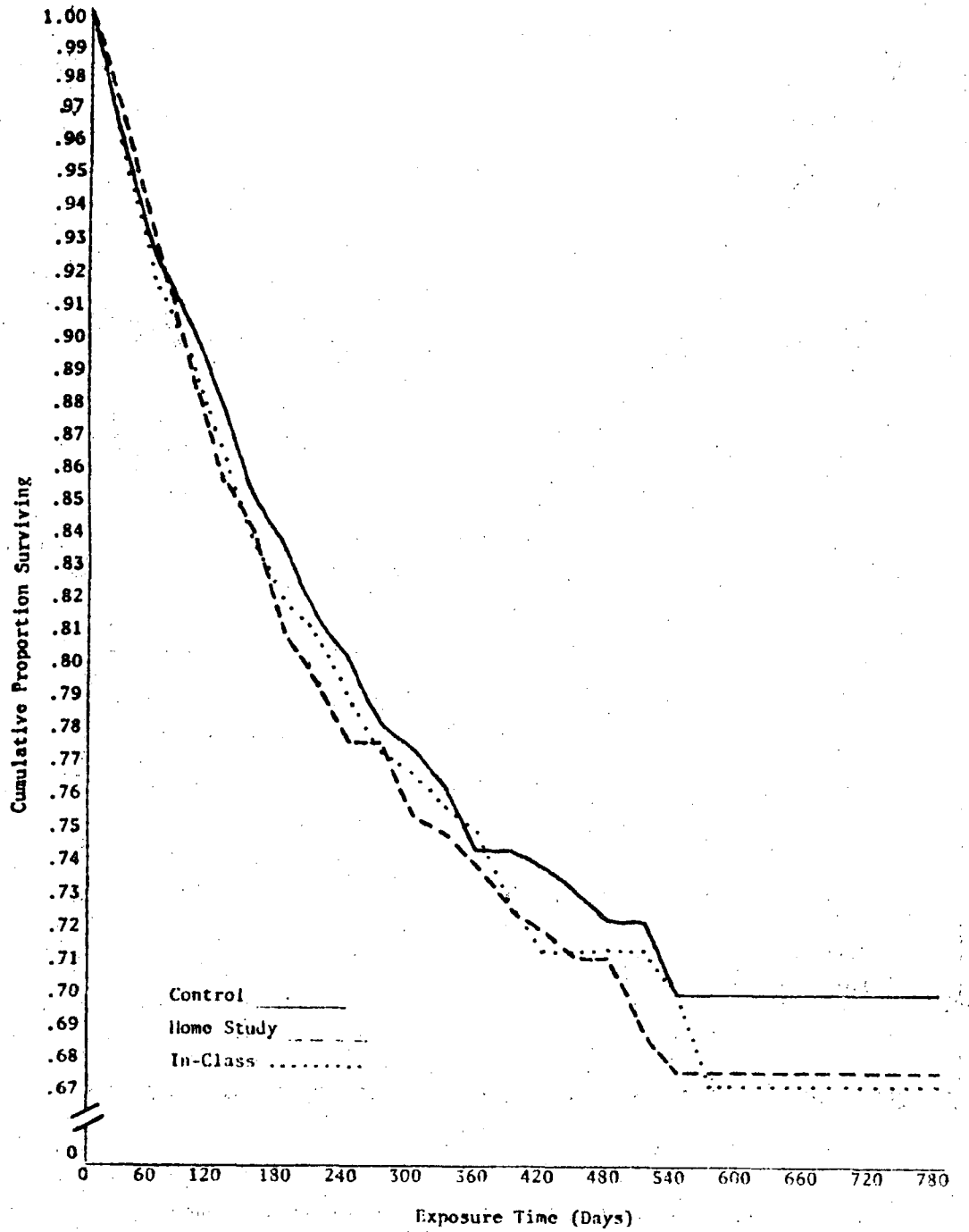


Figure 7

Plot of Cumulative Survival Rates For First Offender Treatment Groups, Age Less Than 25 Years: First Moving Violation or Any A/R Offense

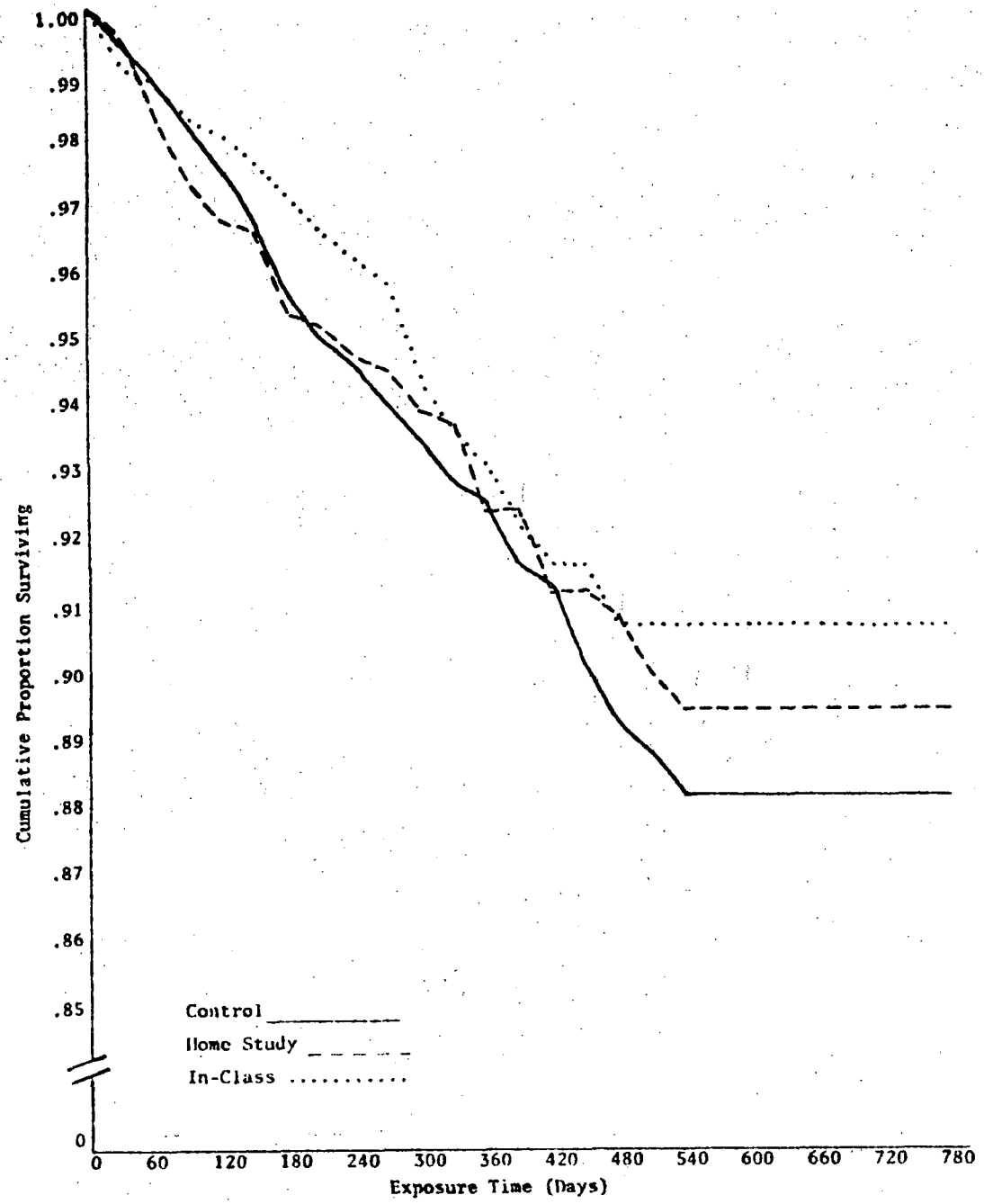


Figure 8

Plot of Cumulative Survival Rates For First Offender Treatment Groups, Age 25 Years or Older: First Accident

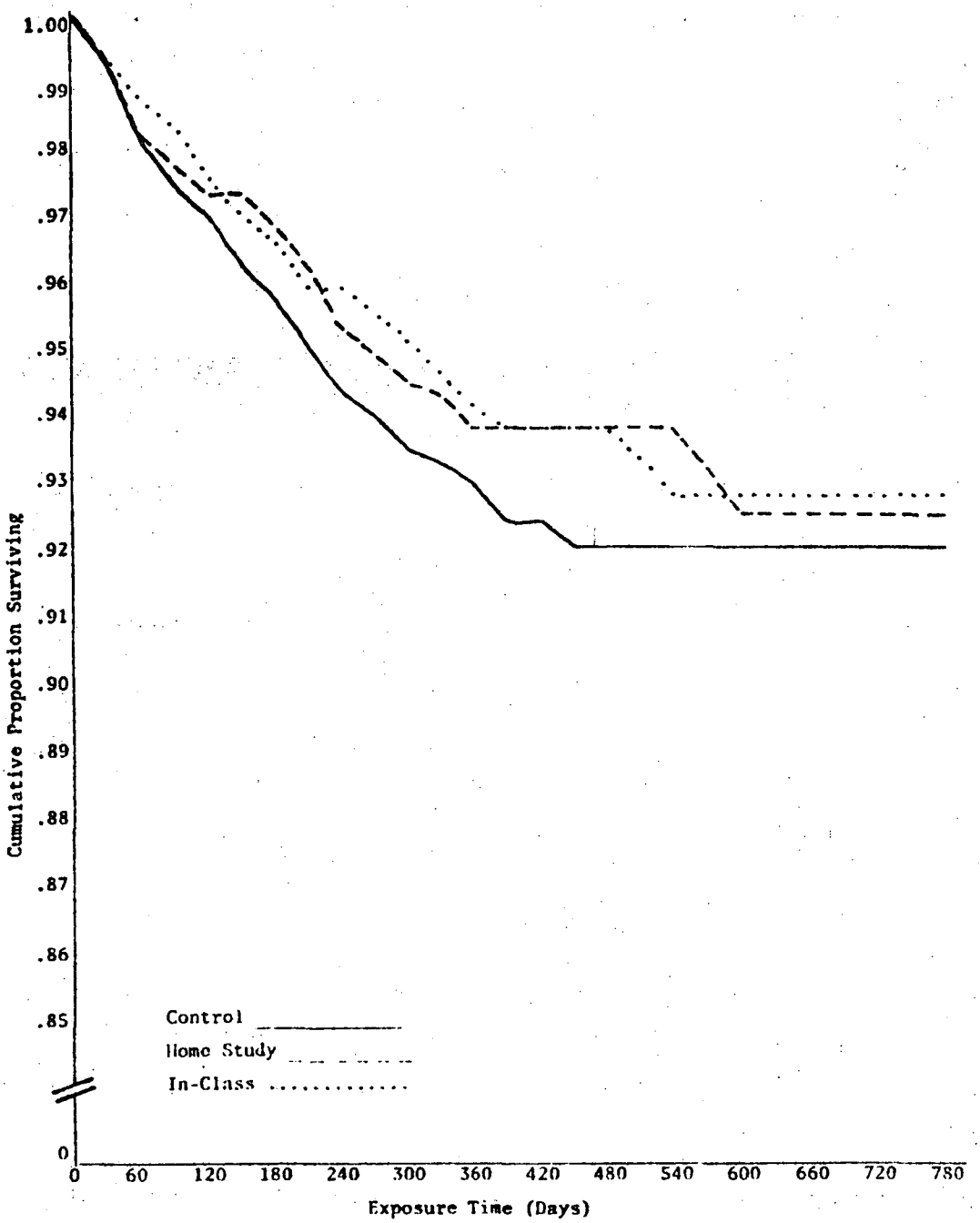


Figure 9

Plot of Cumulative Survival Rates for First Offender Treatment Groups, Age 25 years or Older: First DUI or Reckless Driving Offense

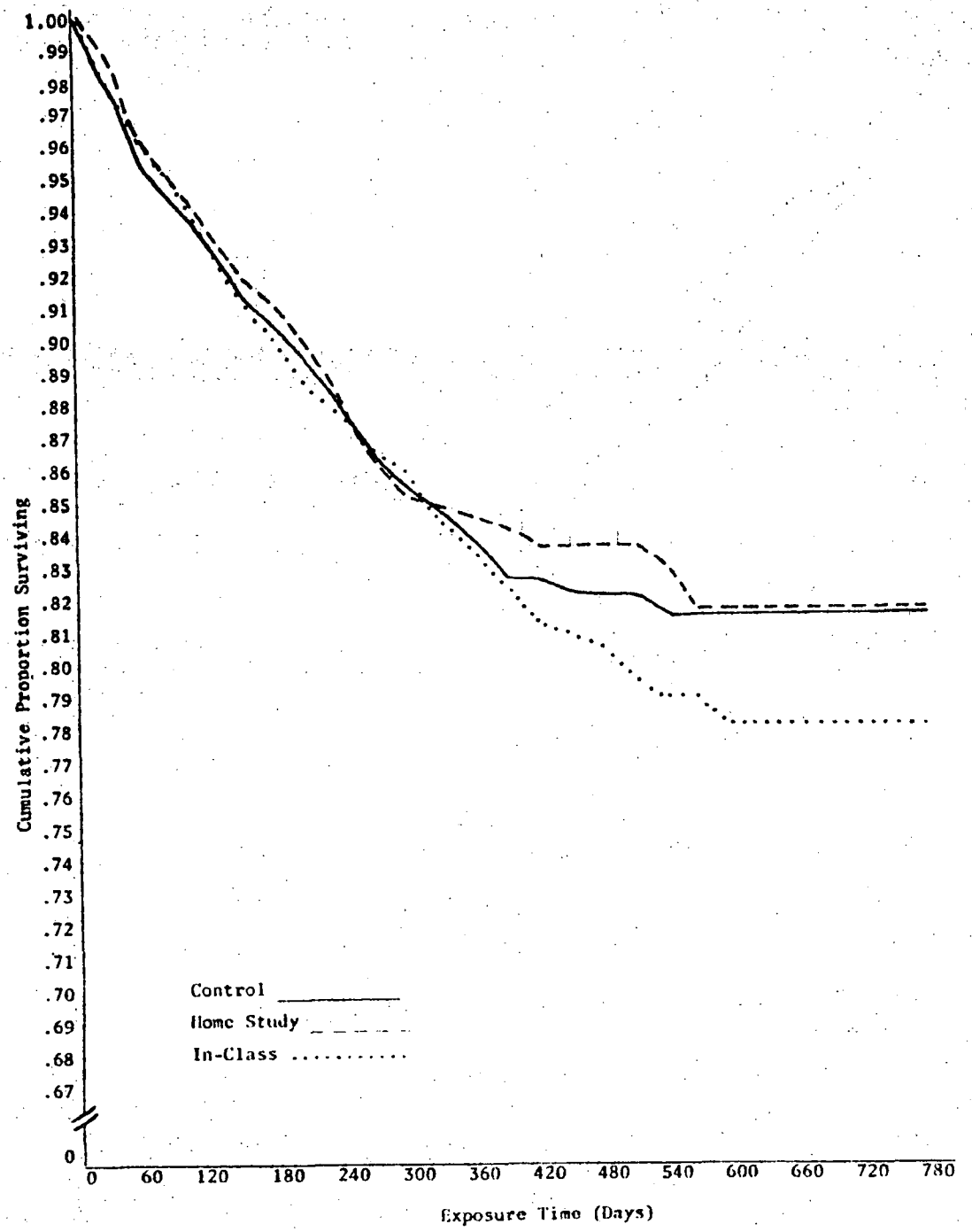


Figure 10

Plot of Cumulative Survival Rates for First Offender Treatment Groups, Age 25 Years or Older: First Moving Violation or Any A/R Offense

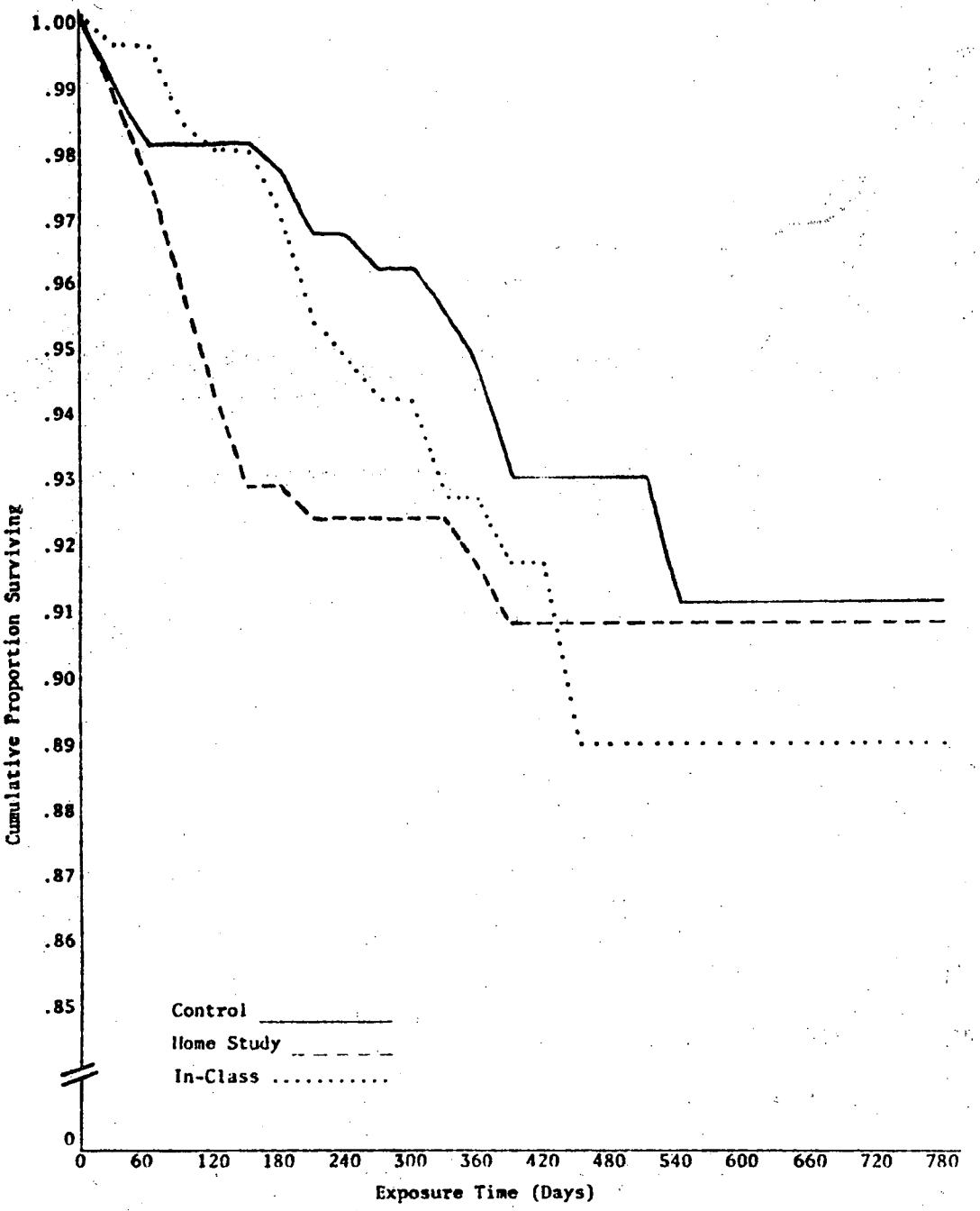


Figure 11

Plot of Cumulative Survival Rate for First Offender Treatment Groups, Social Drinkers: First Accident

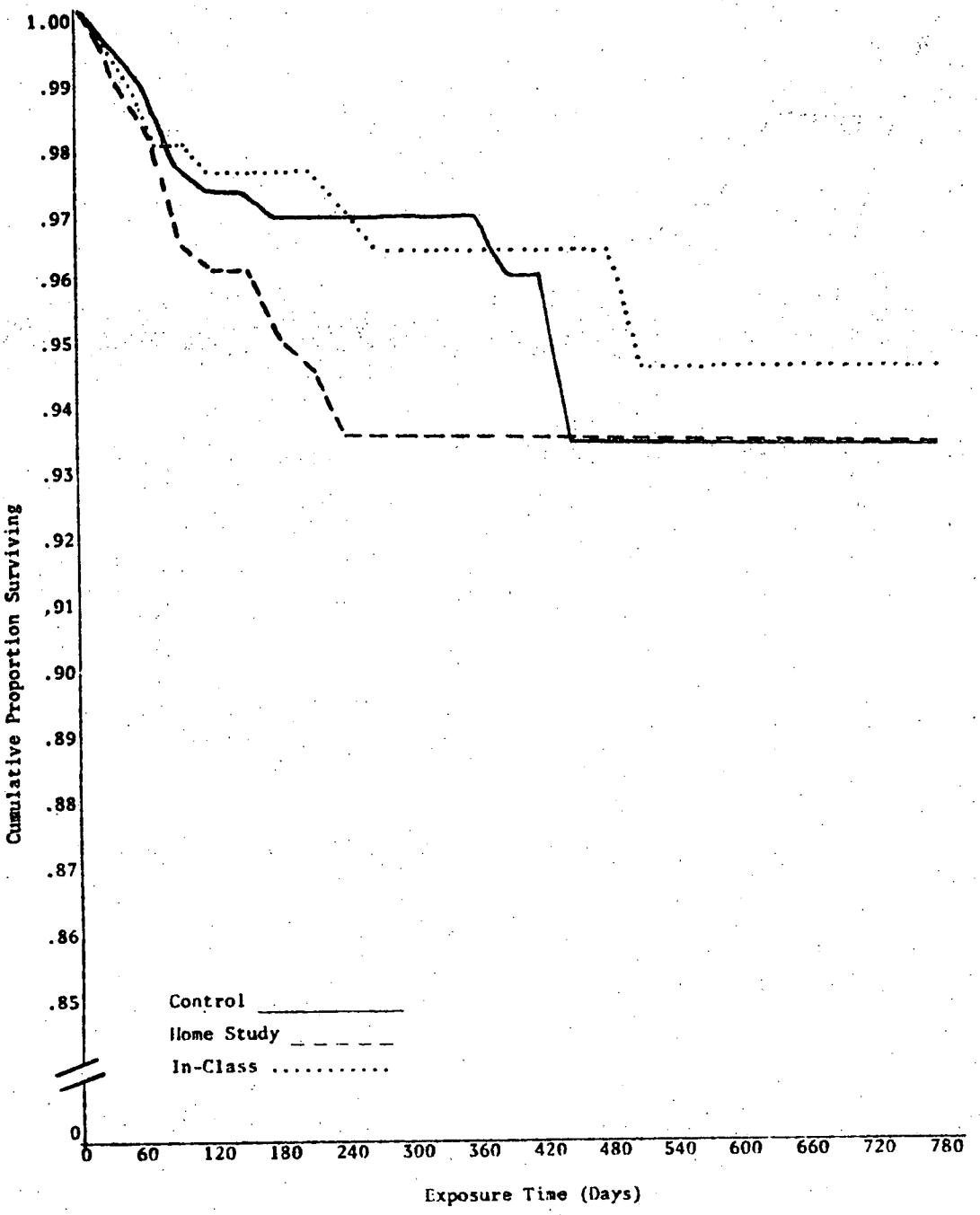


Figure 12

Plot of Cumulative Survival Rates For First Offender Treatment Groups, Social Drinkers: First DUI or Reckless Driving Offense

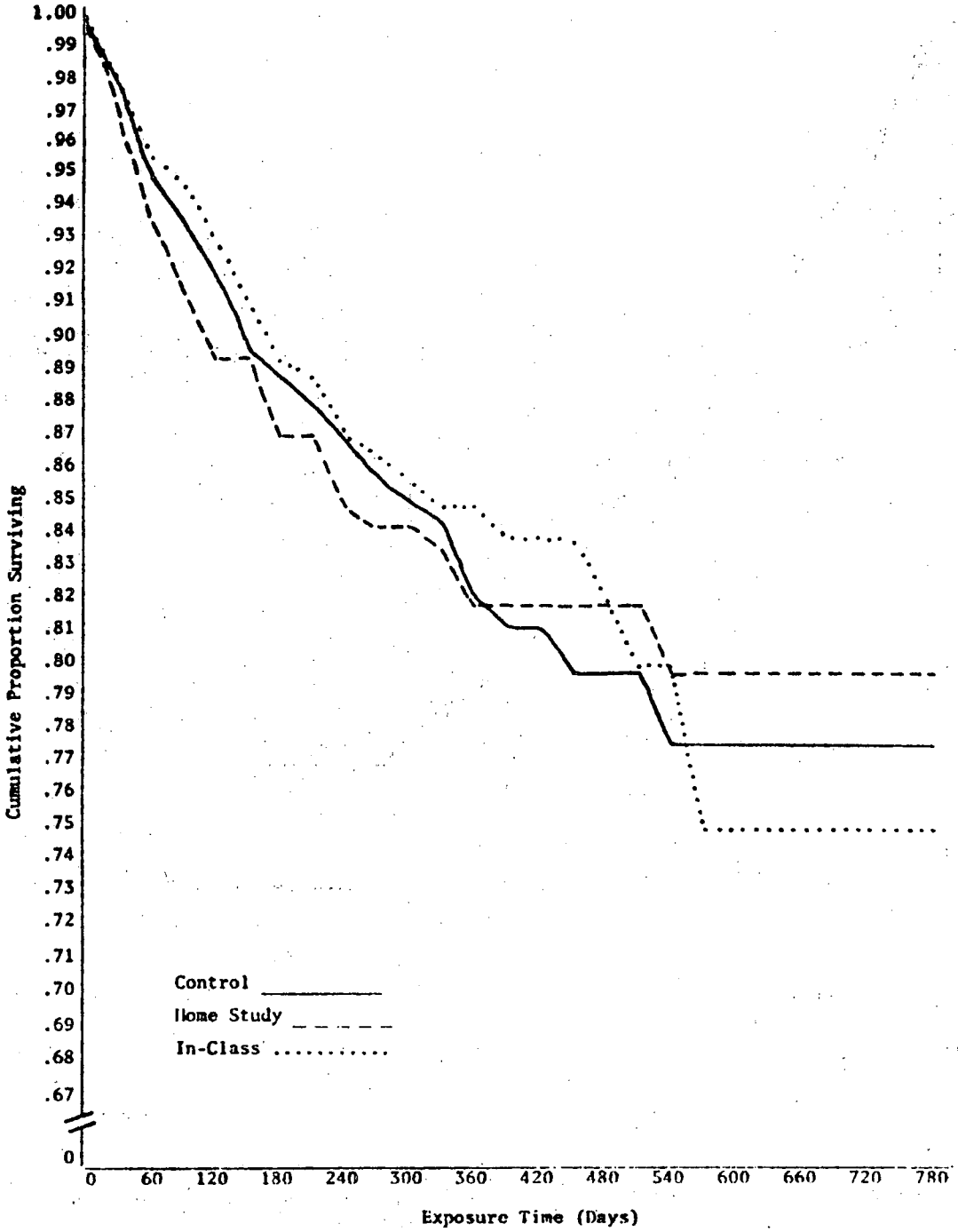


Figure 13

Plot of Cumulative Survival Rates For First Offender Treatment Groups, Social Drinkers: First Moving Violation or Any A/R Offense

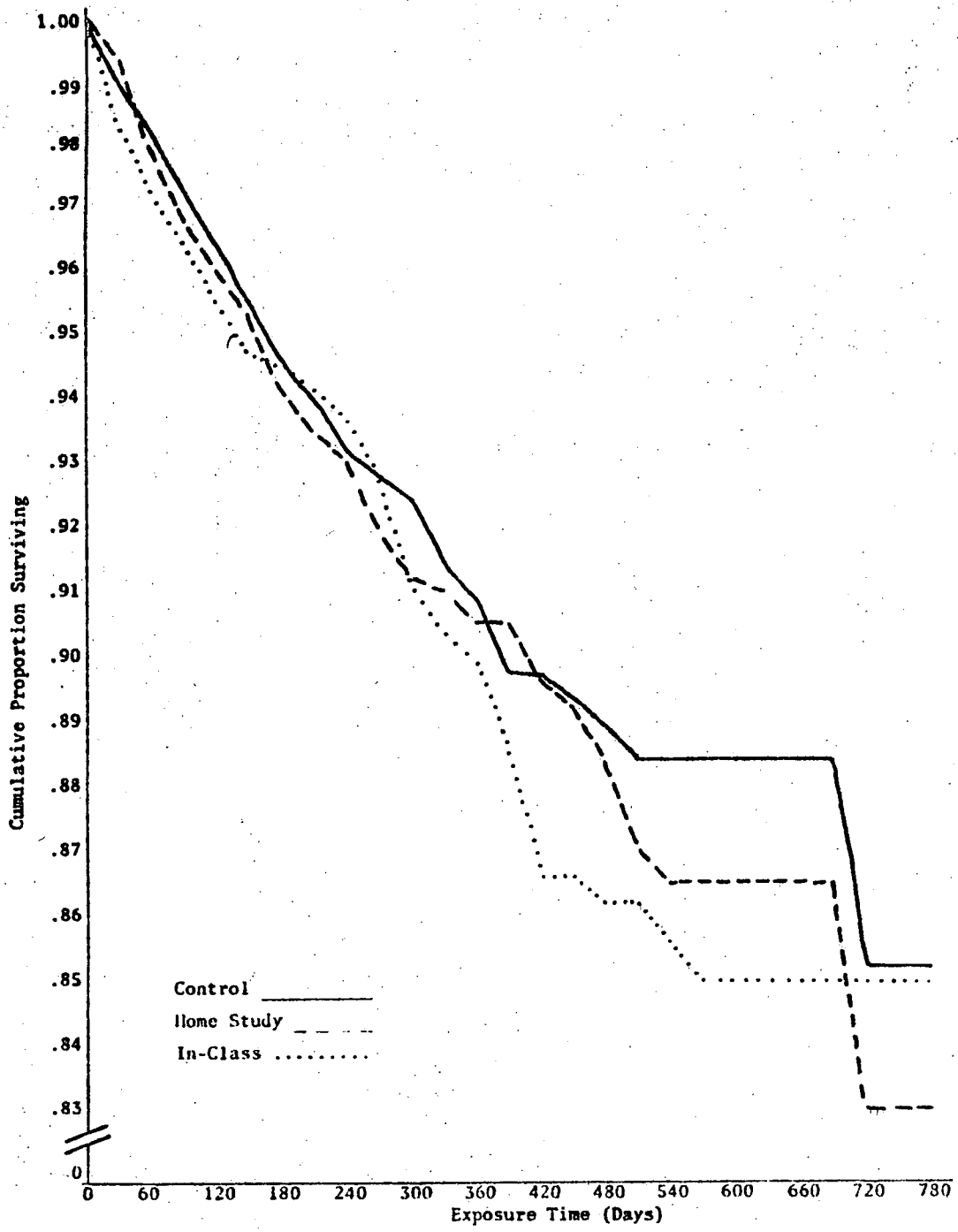


Figure 14

Plot of Cumulative Survival Rates For First Offender Treatment Groups, Midrange Problem Drinkers: First Accident

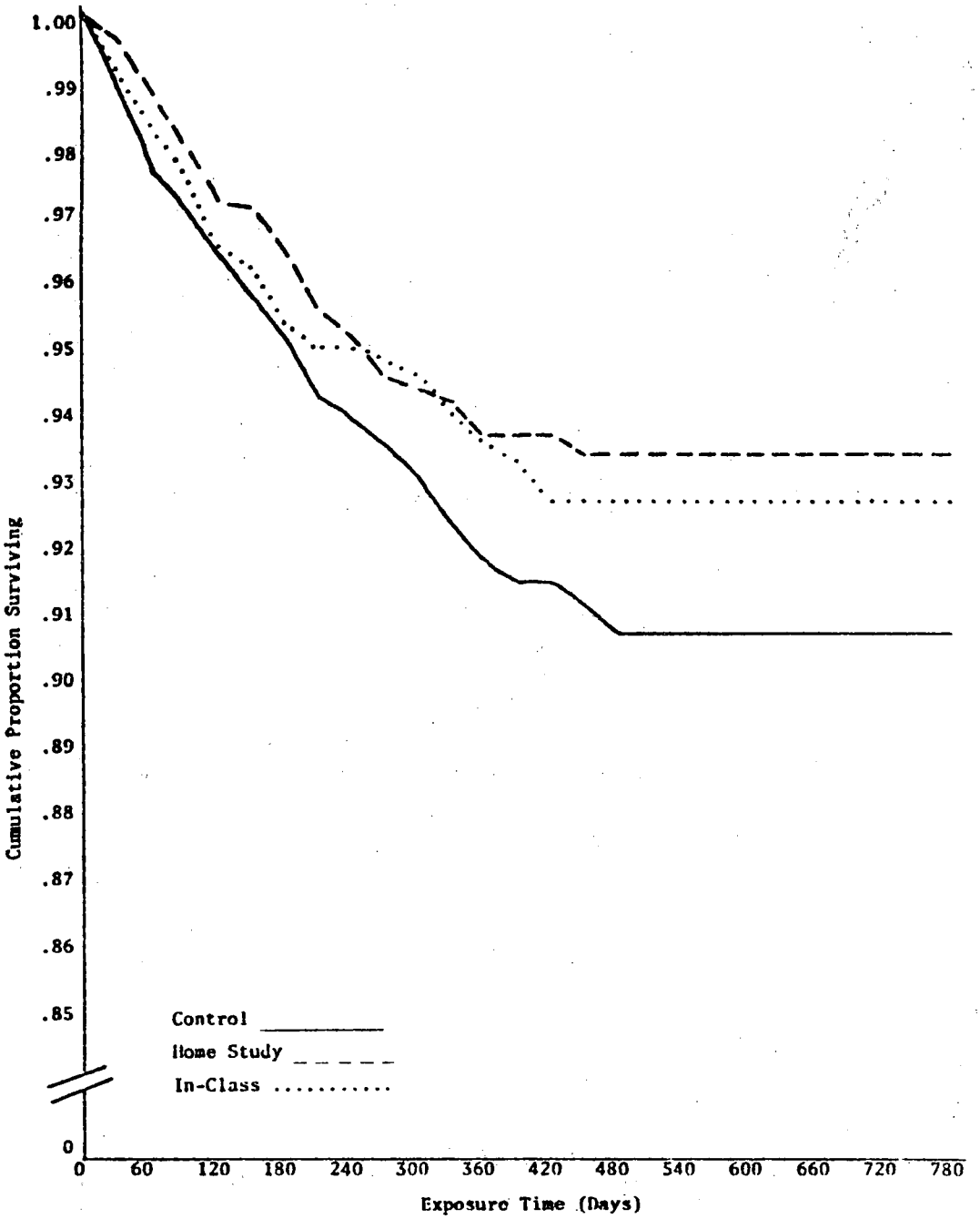


Figure 15

Plot of Cumulative Survival Rates For First Offender Treatment Groups, Midrange Problem Drinkers: First DUI or Reckless Driving Offense

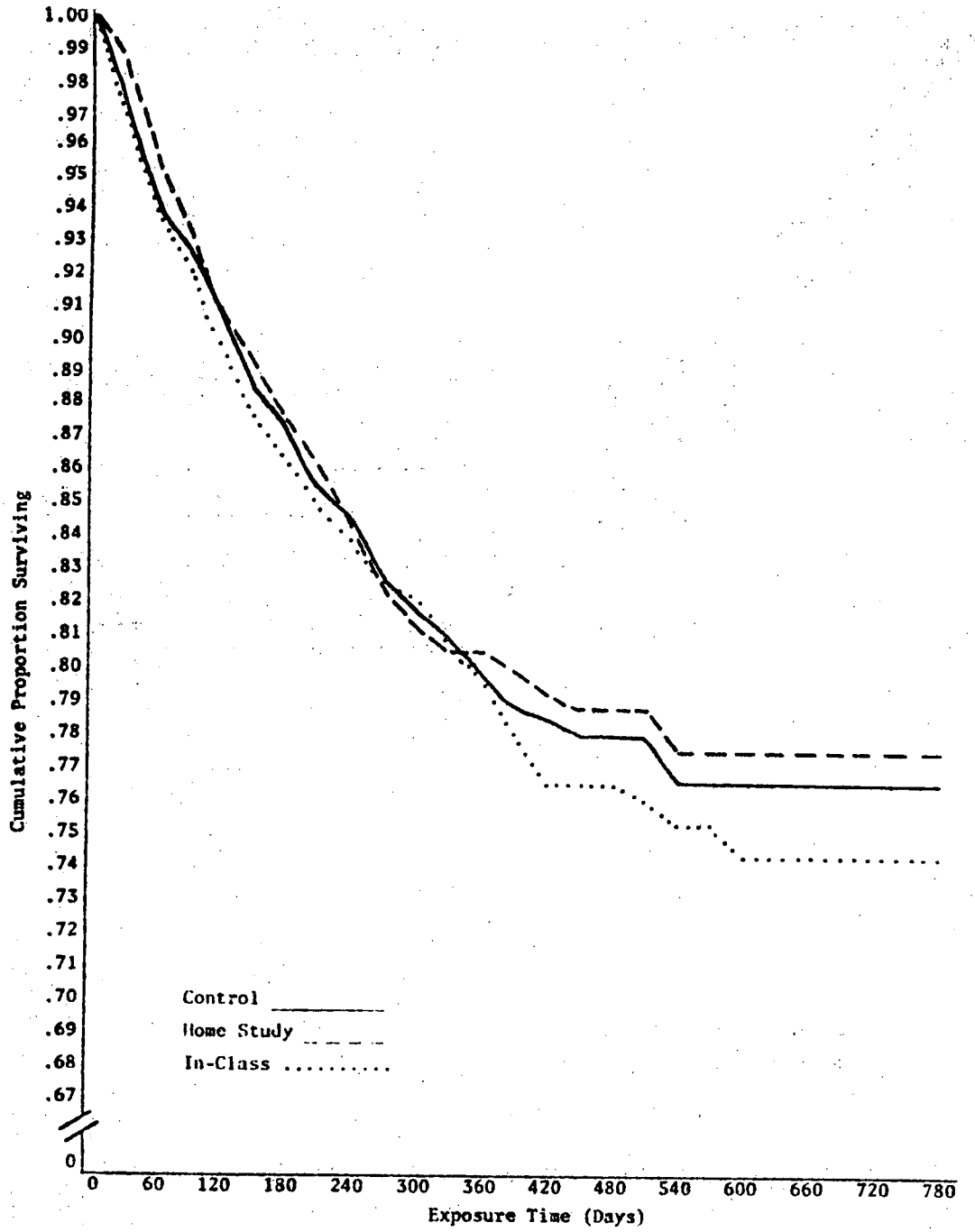


Figure 16

Plot of Cumulative Survival Rates For First Offender Treatment Groups, Midrange Problem Drinkers: First Moving Violation or Any A/R Offense

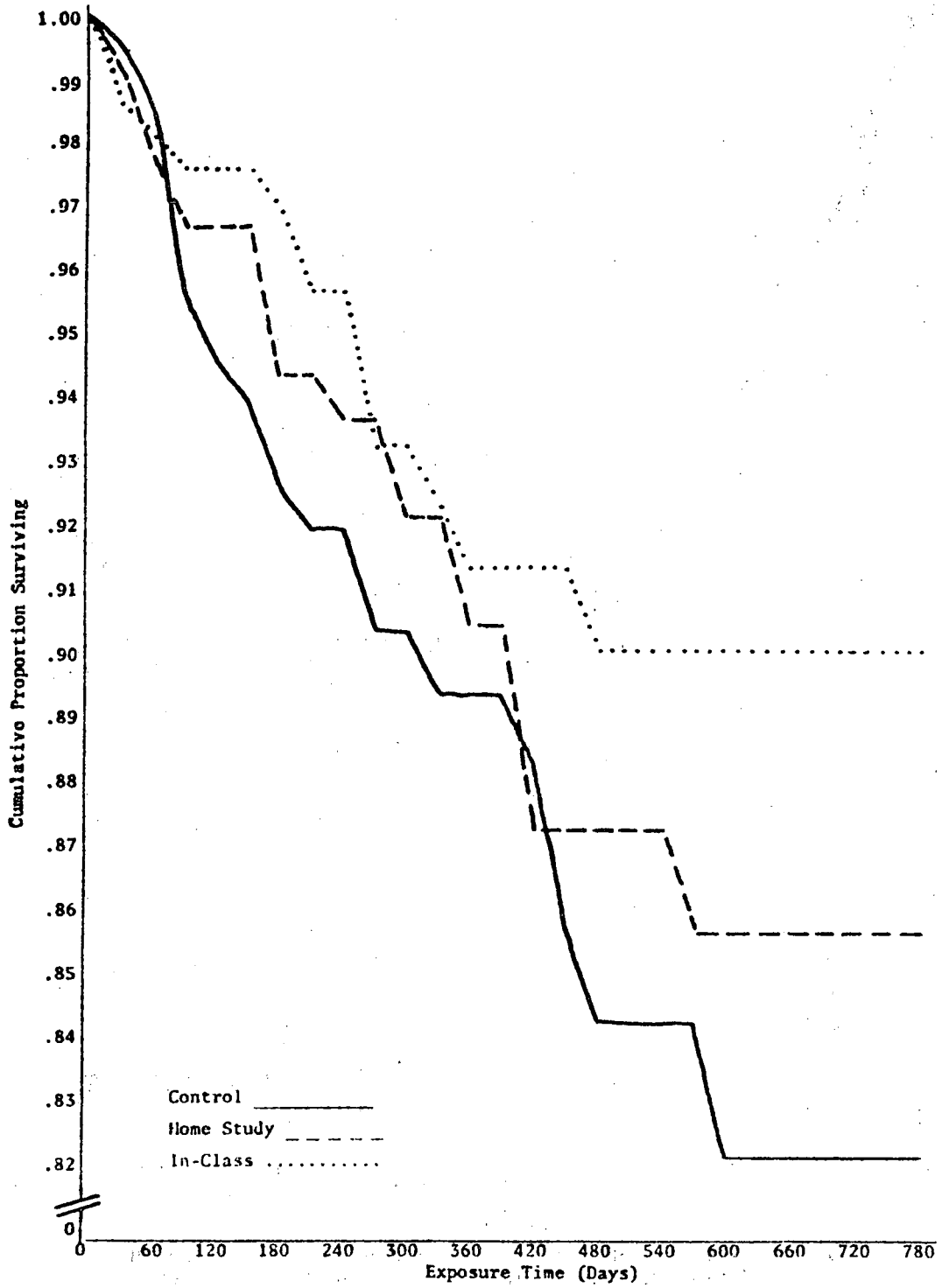


Figure 17
Plot of Cumulative Survival Rates for First Offender Treatment Groups, Severe Problem Drinkers: First Accident

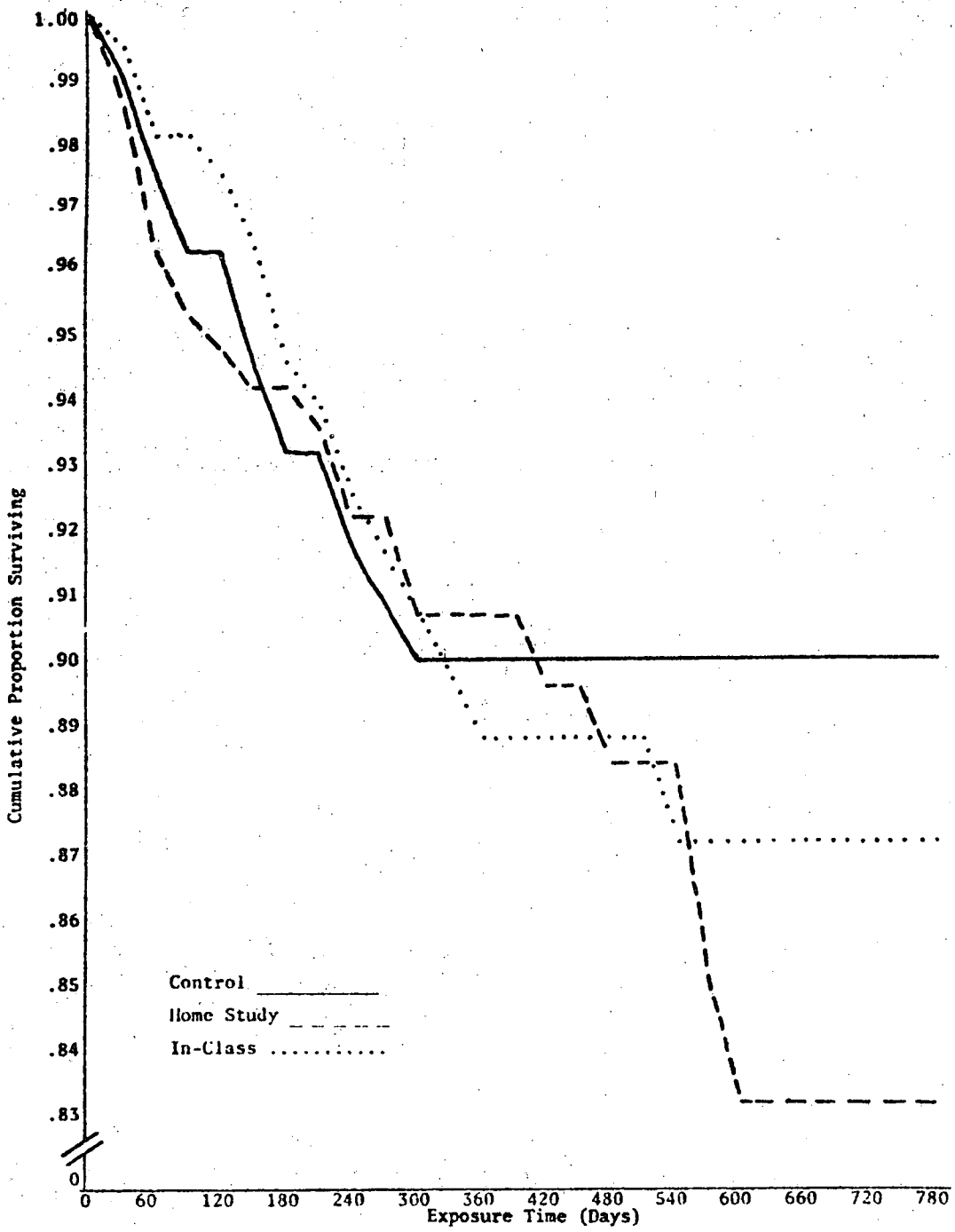


Figure 18

Plot of Cumulative Survival Rates For First Offender Treatment Groups, Severe Problem Drinkers: First DUI or Reckless Driving Offense

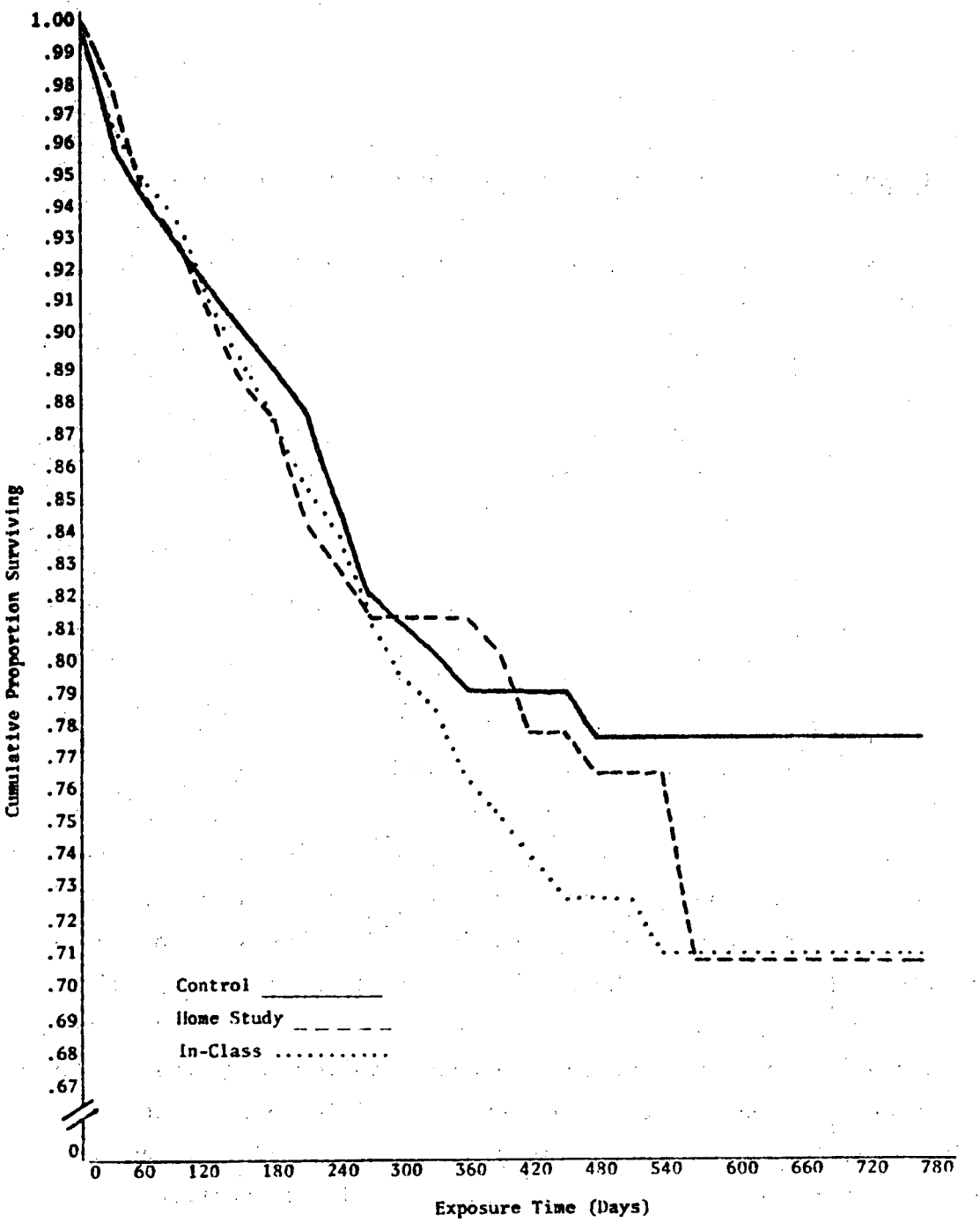


Figure 19

Plot of Cumulative Survival Rates For First Offender Treatment Groups, Severe Problem Drinkers: First Moving Violation or Any A/R Offense

Effectiveness of Letter Monitoring and Follow-Up Interviews

The statistical analysis of the quarterly letter monitoring and follow-up interview procedures was based on the total assigned groups, no subgroups were examined. The total sample sizes were as follows:

Letter Monitoring	1,926
No Letter Monitoring	1,939
Total	3,865
Follow-Up Interviews	1,276
No Follow-Up Interviews	1,673
Total	2,949

While the random assignment of first offenders began in September, 1977, the Follow-Up Unit was not staffed and operational until May 15, 1978. Consequently, all cases assigned to the follow-up interview condition prior to this date did not actually receive an interview, and thus were excluded from the analysis of follow-up effectiveness. Moreover, the relative size of the follow-up and no follow-up groups does not reflect the 50/50 assignment proportion. This disparity resulted when the evaluator was forced to reduce the proportion of clients randomly assigned to follow-up interviews to 20 percent for a two month period between March 23, 1979 and May 23, 1979 because of delays in hiring additional counselors to handle both initial and ten-month interviews. Unfortunately, this reduction coincided with a high volume period of court referrals. Further, the assignment proportion had been previously set at 20 percent during the first month of unit operation between May 15, 1978, and June 20, 1978, in order to allow the first Follow-Up Counselors and clerical staff a period of on-the-job training.

The cumulative survival rates at the selected time intervals are presented in Table 4.a for both the letter monitoring and follow-up interview analyses. Table 4.b shows the corresponding accident and violation rates and Table 4.c shows the relative order of the cumulative survival rates.

Table 4.a

Summary of Cumulative Survival Rates at Selected Time Intervals: Letter Monitoring vs. No Letter Monitoring and Follow-Up vs. No Follow-Up

Outcome Measures

	Accidents			DUI-Reckless			Moving Viol.-A/R Off.		
# Days From Assignment →	240	360	480	240	360	480	240	360	480
Total Assigned									
Letter Monitoring	.9381	.9060	.8728	.9367	.9178	.9080	.8337	.7957	.7691
No Letter Monitoring	.9368	.9145	.8948	.9540	.9437	.9361	.8577	.8145	.7943
Follow-Up	.9441	.9237	.9067	.9667	.9584	.9542	.8846	.8620	.8546
No Follow-Up	.9434	.9274	.9108	.9599	.9514	.9431	.9007	.8815	.8704

Table 4.b

Summary of Accident and Violation Rates at Selected Time Intervals: Letter Monitoring vs. No Letter Monitoring and Follow-Up vs. No Follow-Up

Outcome Measures

	Accidents			DUI-Reckless			Moving Viol.-A/R Off.		
# Days From Assignment →	240	360	480	240	360	480	240	360	480
Total Assigned									
Letter Monitoring	.0619	.0940	.1272	.0633	.0822	.0920	.1663	.2043	.2309
No Letter Monitoring	.0632	.0855	.1052	.0460	.0563	.0639	.1423	.1855	.2057
Follow-Up	.0559	.0763	.0933	.0333	.0416	.0458	.1154	.1380	.1454
No Follow-Up	.0566	.0726	.0892	.0401	.0486	.0569	.0993	.1185	.1296

Table 4.c

Relative Order of Cumulative Survival Rates at Selected Time Intervals: Letter Monitoring vs. No Letter Monitoring and Follow-Up vs. No Follow-Up (1 = lowest survival rate, 2 = highest survival rate)

Outcome Measures

	Accidents			DUI-Reckless			Moving Viol.-A/R Off.		
# Days From Assignment →	240	360	480	240	360	480	240	360	480
Total Assigned	(Fig. 20)			(Fig. 21)			(Fig. 22)		
Letter Monitoring	2	1	1	1	1	1	1	1	1
No Letter Monitoring	1	2	2	2	2	2	2	2	2
	(Fig. 23)			(Fig. 24)			(Fig. 25)		
Follow-Up	2	1	1	2	2	2	1	1	1
No Follow-Up	1	2	2	1	1	1	2	2	2

The results of the letter monitoring analyses indicated a statistically significant difference in the DUI survival rate between letter monitoring and no letter monitoring groups ($p=.0183$). Those offenders who were sent the letters had a lower survival rate than those who were not. The 480 day survival rates were .9080 and .9361 for letter monitoring and no letter monitoring groups respectively. This tendency for the letter monitoring group to perform worse than the no letter monitoring group was replicated for total moving violations, and to a lesser extent for accidents, however, neither of these differences were statistically significant.

When the monitoring letter was designed in the fall of 1977, it was judged by the CDUI Project staff as well as a small sample of clients to be non-offensive. While it is quite possible that receiving seven such reminder letters over a two year period could be perceived as annoying, one would hardly expect them to produce a significant negative effect on driving behavior. Nonetheless, these preliminary data suggest that the monitoring letter procedure is counterproductive, from the standpoint of possibly increasing DUI arrest rates.

The analysis of the follow-up interview procedure revealed no statistically significant differences between follow-up and no follow-up groups, nor were there any consistent patterns among the three outcome measures.

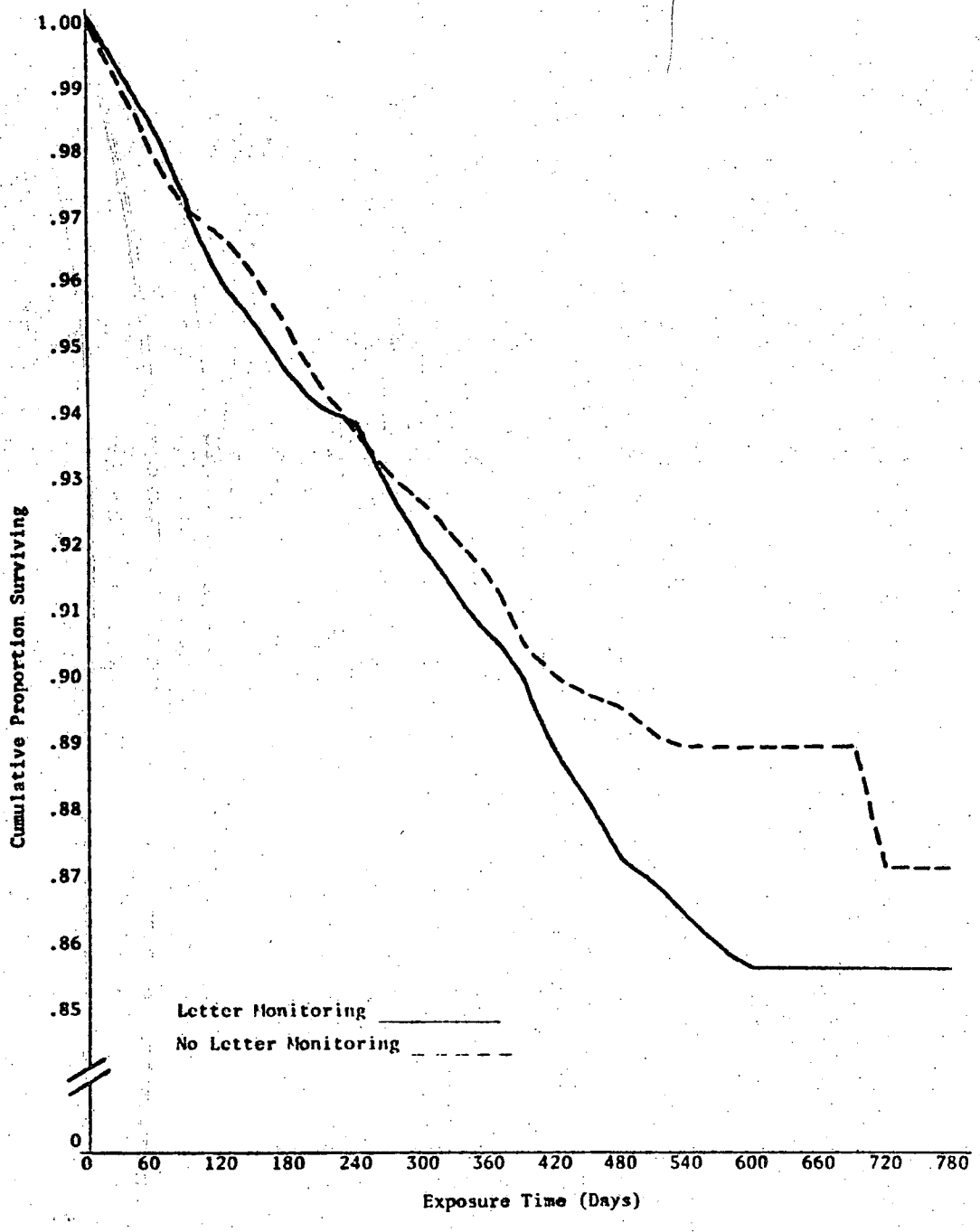


Figure 20

Plot of Cumulative Survival Rates For Monitoring Letter and No Monitoring Letter Groups: First Accident

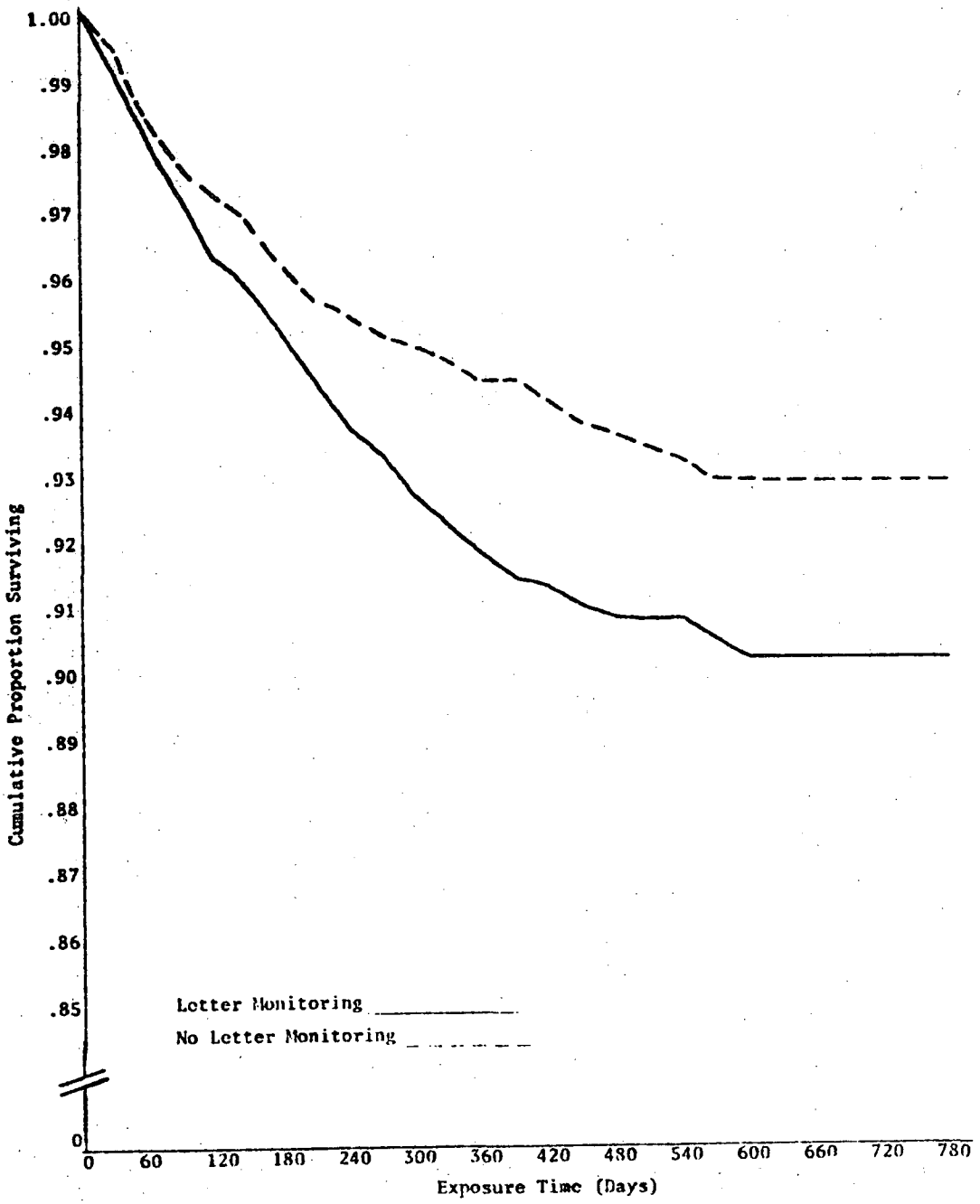


Figure 21

Plot of Cumulative Survival Rates For Monitoring Letter and No Monitoring Letter Groups: First DUI or Reckless Driving Offense

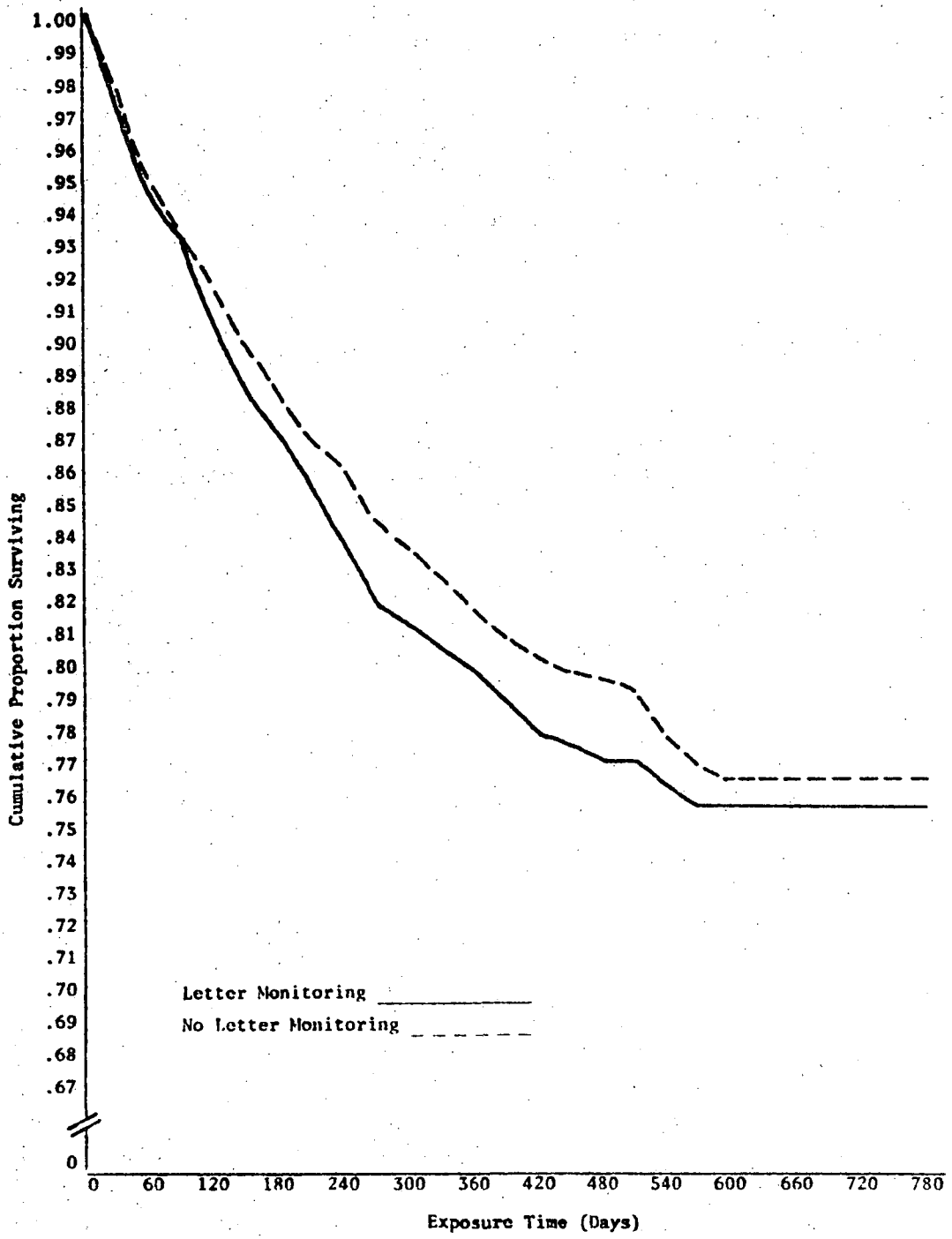


Figure 22

Plot of Cumulative Survival Rates For Monitoring Letter and No Monitoring Letter Groups: First Moving Violation or Any A/R Offense

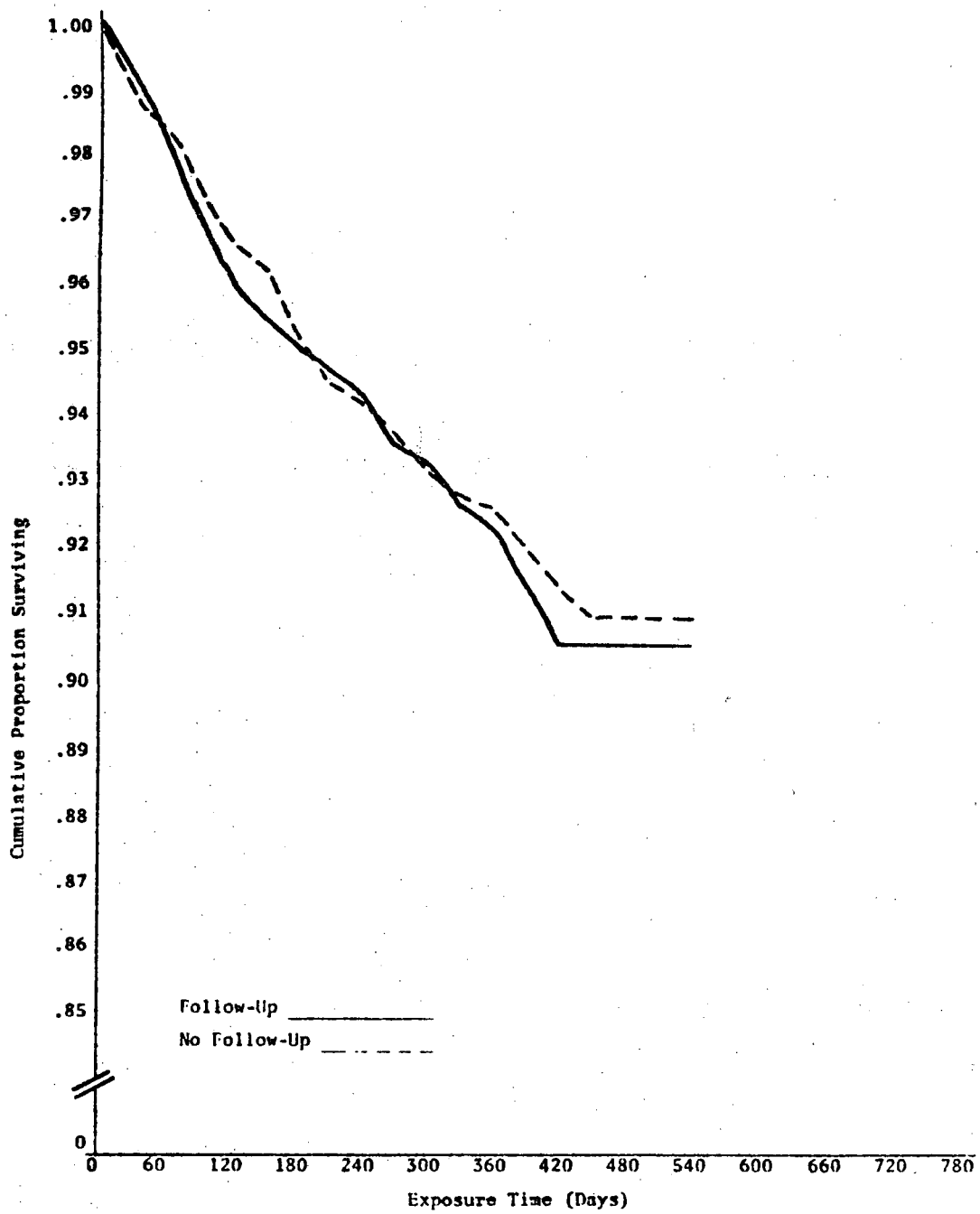


Figure 23

Plot of Cumulative Survival Rates For Follow-Up and No Follow-Up Groups: First Accident

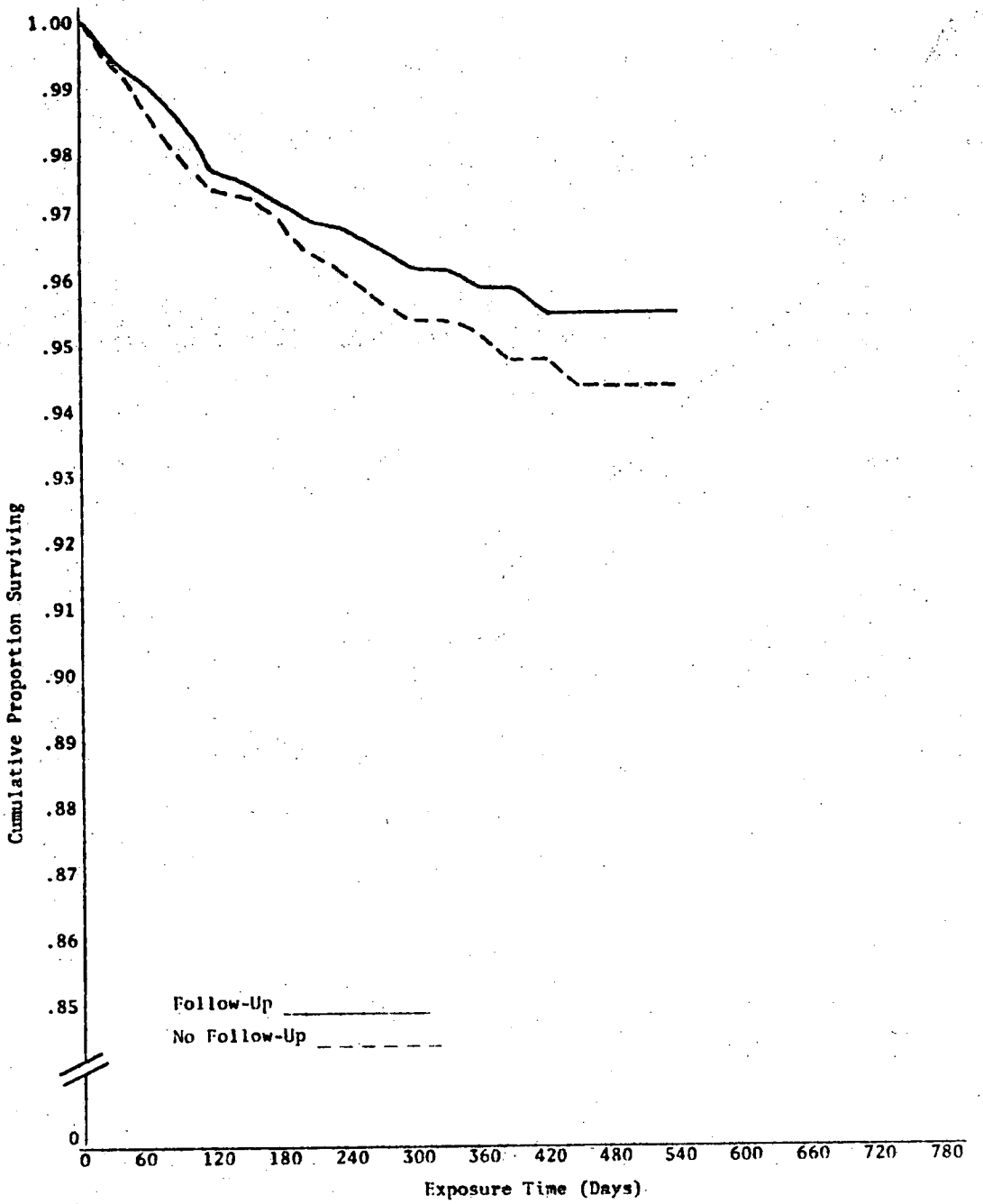


Figure 24

Plot of Cumulative Survival Rates For Follow-Up and No Follow-Up Groups: First DUI or Reckless Driving Offense

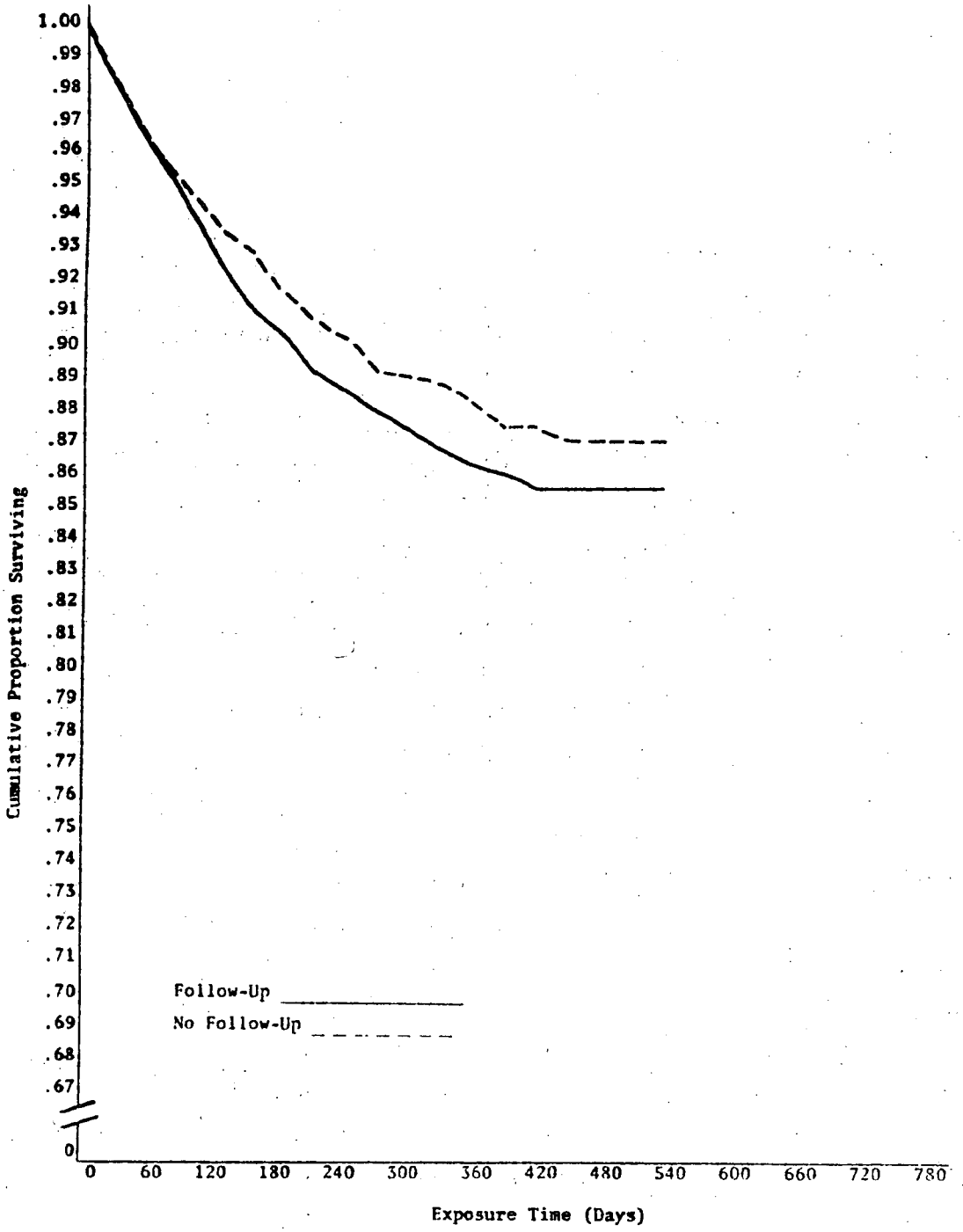


Figure 25

Plot of Cumulative Survival Rates For Follow-Up and No Follow-Up Groups: First Moving Violation or Any A/R Offense

CONCLUSION

This interim assessment of the effectiveness of CDUI first offender education programs was based on a set of eighteen analyses. Control, home study, and in-class education groups were compared using survival rates on three outcome measures: the first accident subsequent to random assignment, the first DUI or reckless driving offense, and the first moving violation or any alcohol related offense. Group comparisons were made for the total number of clients assigned, as of October, 1979, and for two age subgroups, and three diagnostic classifications.

None of the eighteen analyses resulted in statistically significant differences between the treatment groups. Thus, as of October, 1979, there was little evidence to suggest that our education programs had any effect on subsequent driving behavior. However, given the preliminary nature of these results, with less than half of the research sample exposed to the risk of accident involvement or arrest for more than nine months, the results could change with time.

Even though the between group differences were of very small magnitude, an attempt was made to identify consistent patterns among the outcome data. Of the eighteen analyses performed, only two produced a consistent pattern of results. The analysis of the total research sample using subsequent DUI's showed the highest survival rate for the in-class education group followed by the home study group, and the lowest survival rate for the control group. This ordering of DUI survival rates also appeared for the age group 25 years or older but not for the younger offenders between 18 and 25 years of age. While no claim is made that this observation is indicative of a treatment effect, it does suggest a more detailed analysis of treatment effectiveness for various offender subgroups.

In addition to the analyses of treatment effectiveness, the survival experience of a sample of offenders who did not volunteer for the CDUI Project was compared with the survival experience for volunteers, and the control group in particular. Although there

were no statistically significant differences in survival rates, the non-volunteers showed consistently higher survival rates than the control group volunteers on all three outcome measures. These results may have been due to the fact that the non-volunteer sample contained a relatively higher proportion of low BAC cases which were reduced to reckless driving, suggesting a higher proportion of persons with less severe drinking problems. If this trend persists, it may be difficult to generalize the results of our treatment analyses to those clients who did not volunteer.

The analysis of the quarterly letter monitoring procedure indicated that the clients who were sent letters had a significantly lower DUI survival rate than those clients who were not sent letters. In terms of rearrest rates, 8.2 percent of the letter monitoring group versus 5.6 percent of the no letter monitoring group were arrested for DUI during the first year following random assignment to these conditions. This trend was also observed for moving violations, and to a lesser extent for accidents, although the differences were not statistically significant for these outcome measures. Thus, the preliminary results suggest that the monitoring letters may be counterproductive from the standpoint of possibly increasing DUI arrest rates. If this trend persists, we should at least consider changing or abandoning the procedure. It must be emphasized, however, that the CDUI Project's monitoring letter procedure was an adjunct to the summary probation process and no analogy should be drawn between the monitoring letter procedure and the standard DMV practice of sending warning letters to drivers upon an accumulation of negligent operator points.

Finally, the analysis of clients assigned to receive follow-up interviews versus those who were not, provided no evidence that such interviews have an effect on driving behavior. There were no statistically significant differences in survival rate on any of the outcome measures, nor were there any consistent patterns.

APPENDIX A

Automated Driving Record Data Collection Procedures

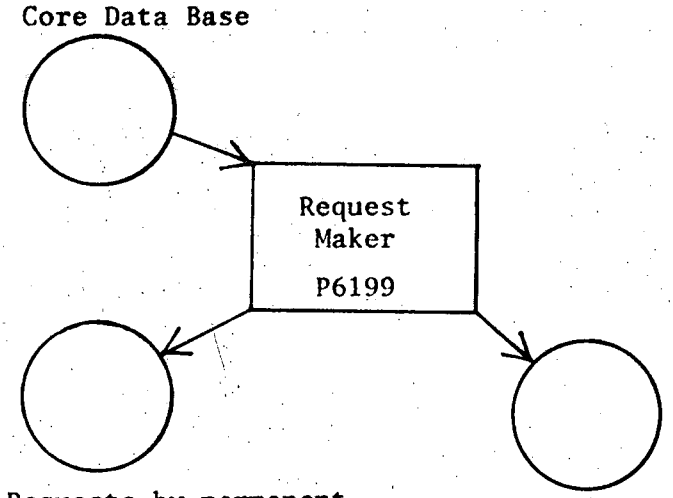
PREFACE

For those interested in reading the following description of the driving record data collection system, several terms should be clarified. The Core Data Base is a large computer file which contains the master records for every case referred to the CDUI Project, as well as a sample of cases for persons who chose not to volunteer. Each case represents a separate conviction/referral event (or conviction only for nonvolunteers), and is identified by a CDUI case number. The case number ties together all the data records associated with a particular conviction/referral event, e.g., arrest and conviction data, diagnostic and assignment data, and participation data.

An individual may have two or more CDUI cases in the Core Data Base representing separate court referral events, or a combination of referral and nonvolunteer events. An individual's CDUI cases are tied together by a series of characters known as a people key. People keys, CDUI case numbers, court case numbers, driver license numbers, and client names are retained not only in the Core Data Base, but also in a separate file of index records. New index records are created after each update of the Core Data Base and function as a directory for locating and extracting information from the Core Data Base.

The data which provide the outcome measures for impact analyses are stored in three satellite data bases: one for DMV driving records, one for Life Activities Inventory (LAI) interview data, and one for Department of Justice criminal records. In these satellite systems there is one set of records per individual (regardless of the number of CDUI cases the individual may have in the Core Data Base), and each set of records is tied to the Core Data Base by the people keys. This allows information from the various data bases to be merged for analysis.

Step 1: Create California DMV record requests for all clients represented in the CDUI Core Data Base.



Step 2: Initial processing of DMV return tapes. These tapes contain driving record data in print record format, i.e., the DMV writes the information on tape in exactly the same form they would use to produce their out-of-house printout on a line printer. However, the DMV has modified their procedures to provide us detailed accident data that are not normally available on the out-of-house printout, number of injuries and fatalities, driver sobriety, etc.

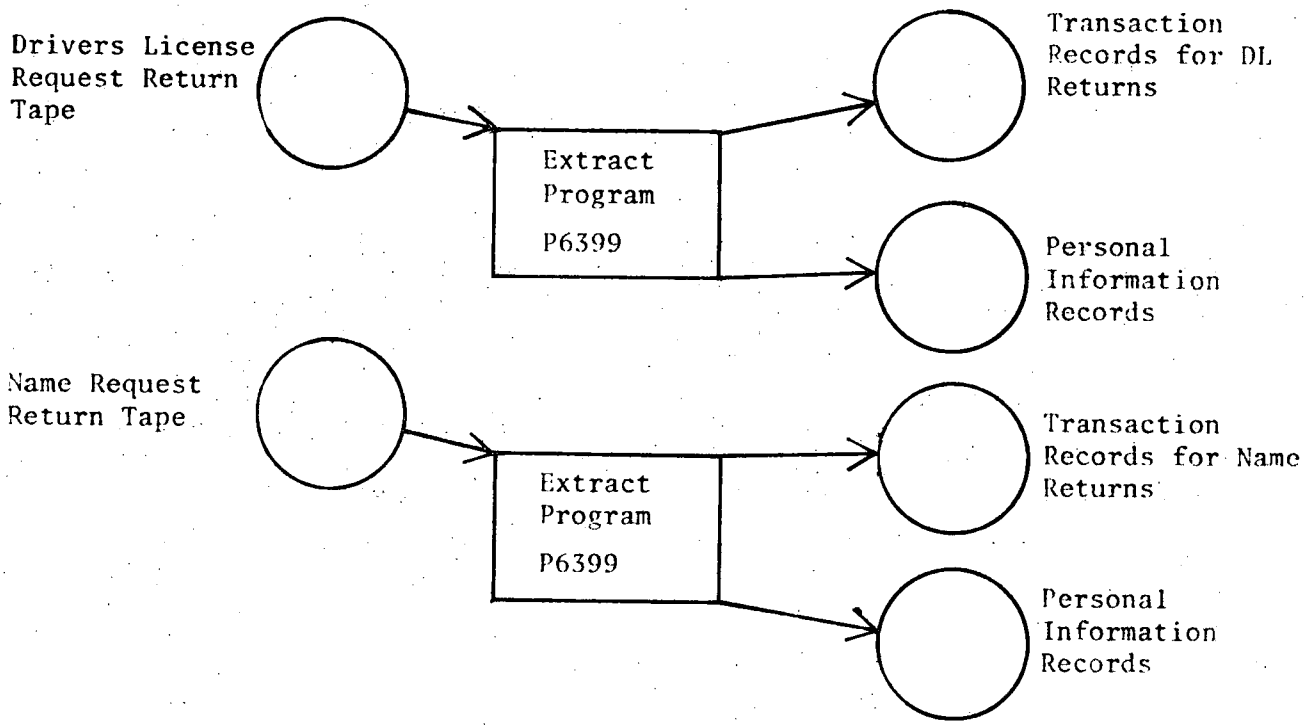
During this step of the process the return tapes are copied (for off-site backup) and a sample of the content of each tape is printed. The printed records are perused in an attempt to detect any changes in the print record format.

Step 3: The essential data needed for project evaluation are extracted from the returned DMV print records. The extraction process takes the selected data for each client and builds a variable number of fixed length (80 byte) transaction records. Separate transaction records are built for each reported accident, driving violation, and DMV licensing action. In addition two header transaction records are built for each client containing license number, date of birth, and other information for controlling the process. All transaction records are written to a tape.

Step 3: (Cont)

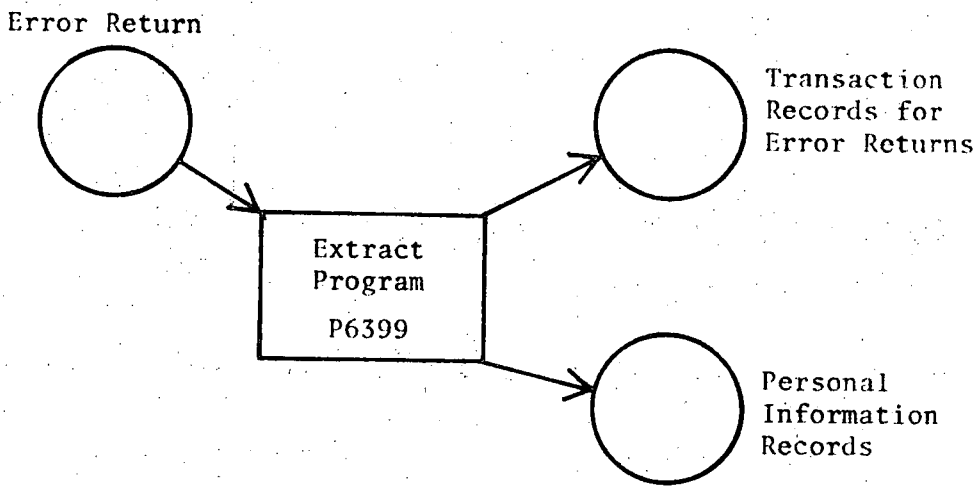
For some clients, the DMV can not provide us with the driving records we requested. A client's record was temporarily unavailable, the license number we used was invalid, or a client's record was not yet in the automated DMV file. In the latter case, the DMV sends us a hand written driving record. The error messages for all unsuccessful searches are printed in this step.

As a by-product of the extract process, a variety of personal data, e.g., height, weight, and AKA's are written to a second tape. These personal data are useful in cases where we suspect that we have not received the correct driving record for a particular client.



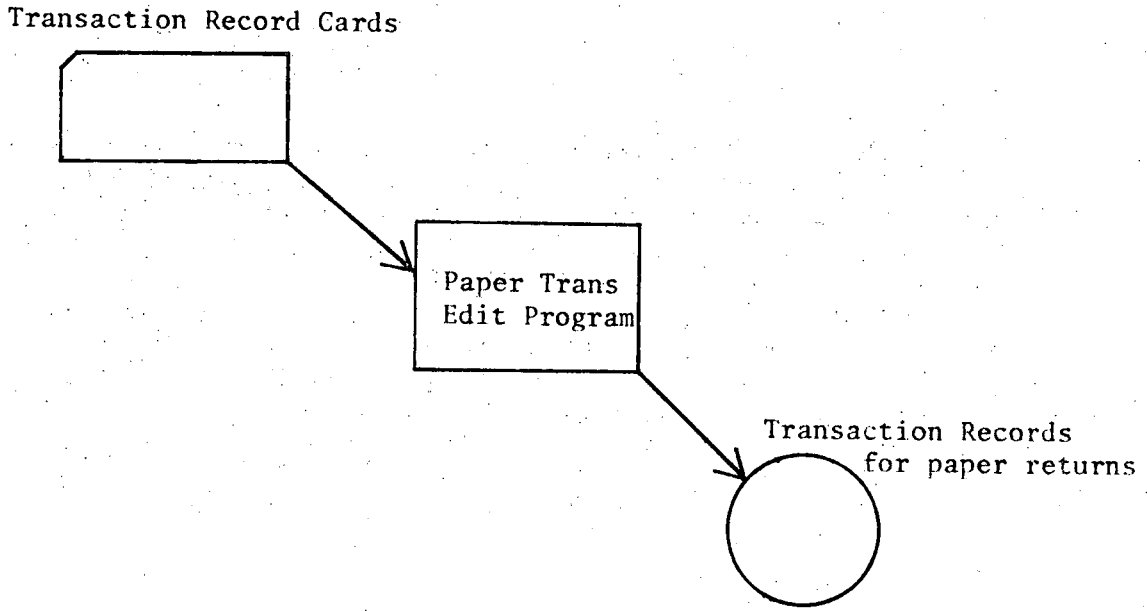
Step 4: Error correction for unsuccessful searches. The error messages produced in Step 2 are examined and where possible, the original request records are modified and resubmitted. For example, request records with invalid drivers license numbers are resubmitted as name searches.

Step 5: Process error returns through the extract program as in Step 3.

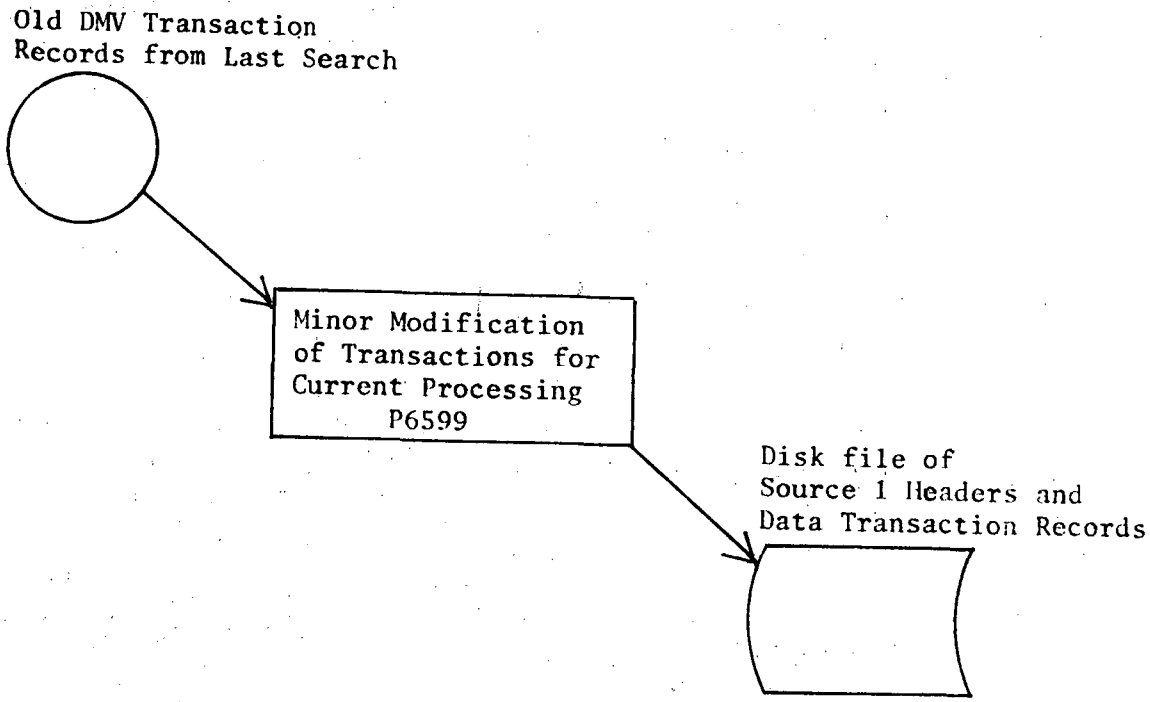


Step 6: Hand written driving records must be manually encoded for keypunching. Accident and violation data are encoded into transaction record form, so that they look just as if they had been processed through the extract program in Steps 3 or 5. However, since this is a manual operation it is more error prone and there is a need for additional editing that is not necessary when processing driving records received on magnetic tape.

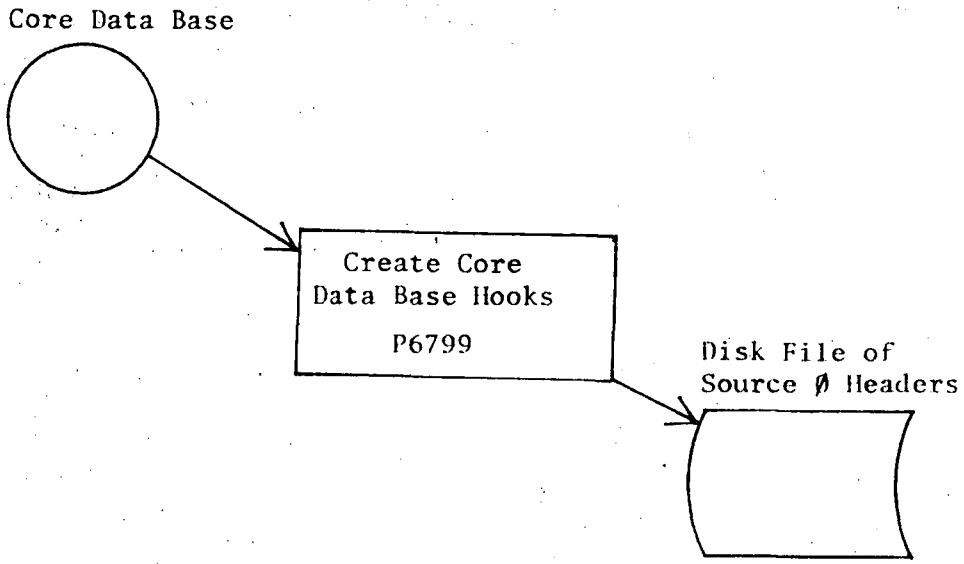
In Step 6, the keypunched transaction record cards are processed through the paper trans edit program to detect coding and keypunch errors. When the errors have been corrected the transaction records are written on tape.



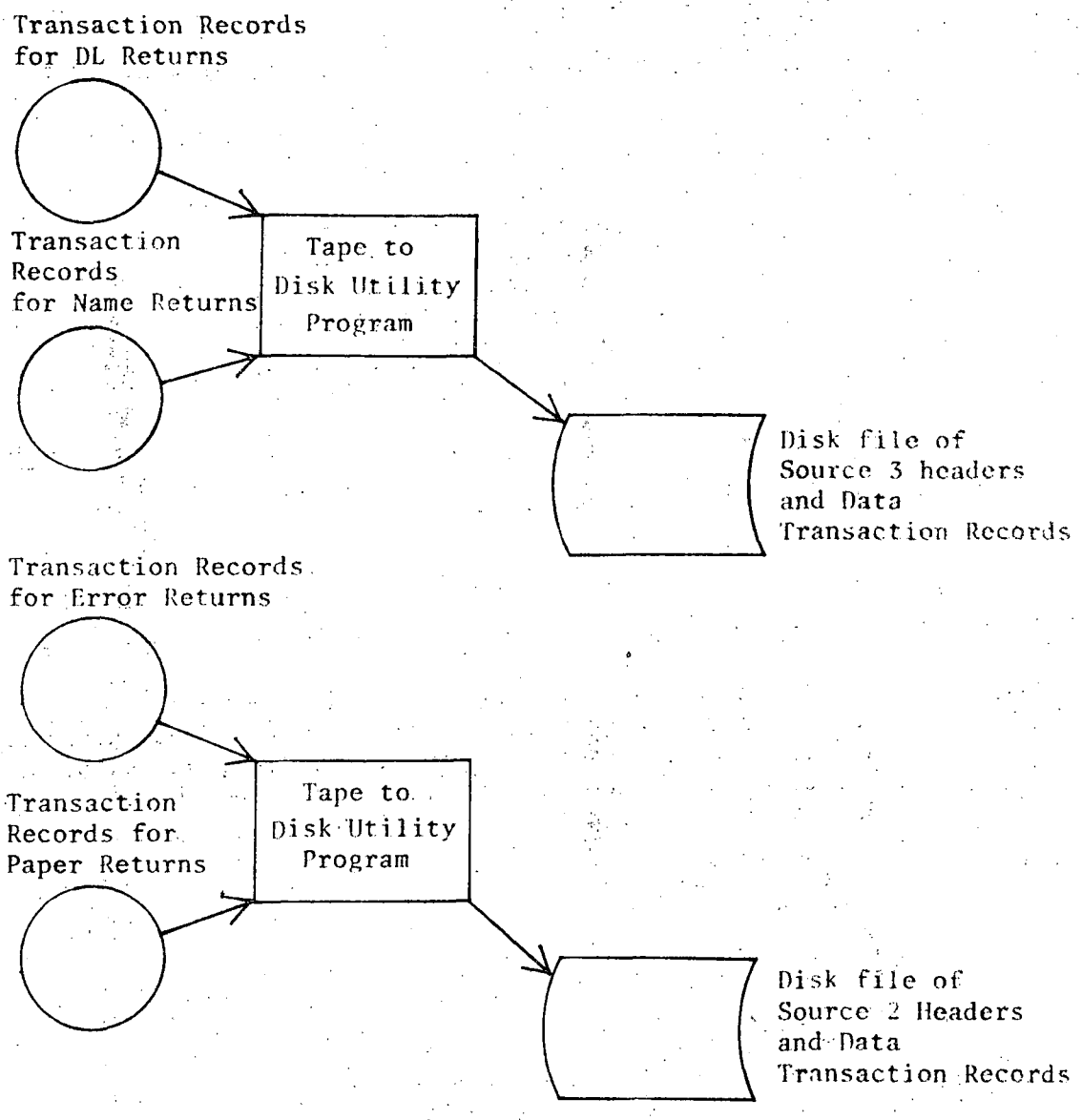
Step 7: The DMV transaction records accumulated as of the last semiannual search are prepared for merging with the new transaction records from the most recent search. The old DMV transactions (called source 1 headers and data) are then written to a disk file.



Step 8: Create the "hooks" that will tie client records in our DMV Data Base to those in our Core Data Base. These hooks are header transaction records, two per client, called source ∅ headers. Once these headers are built from the Core Data Base they are written to a disk file.



Step 9: This step consists of a series of tape to disk processes which place all new incoming data into disk files. Transaction records for DL and Name returns (produced in Step 3) are called Source 3 headers and data. Transaction records for the error returns (produced in Step 5) and for the paper returns (produced in Step 6) are called Source 2 headers and data.

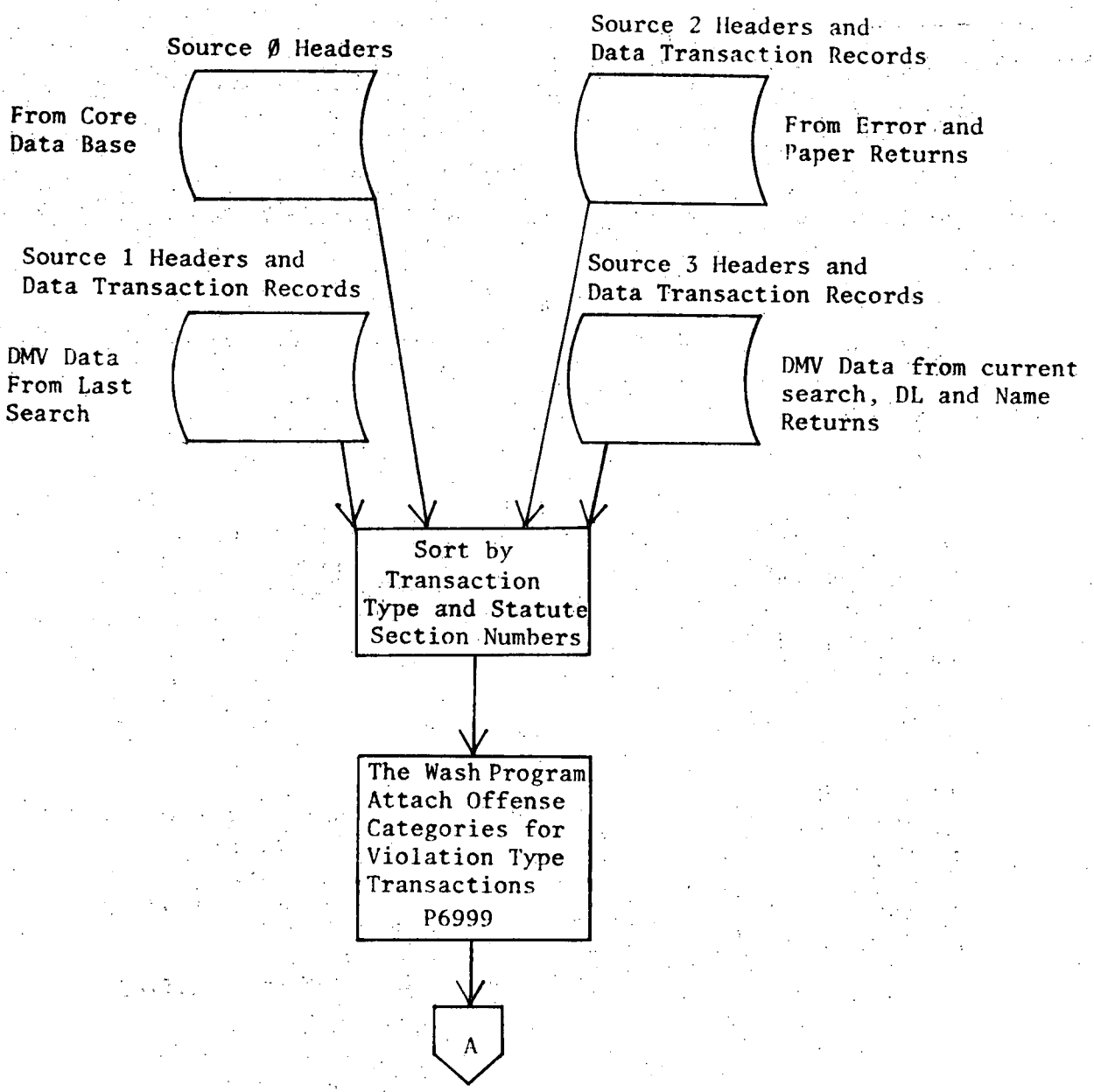


Step 10: All necessary records from sources 0, 1, 2, and 3 are sorted together by transaction type (i.e., header, accident, driving violation and licensing action) and by statute section numbers. The sorted records are then processed through the wash program.

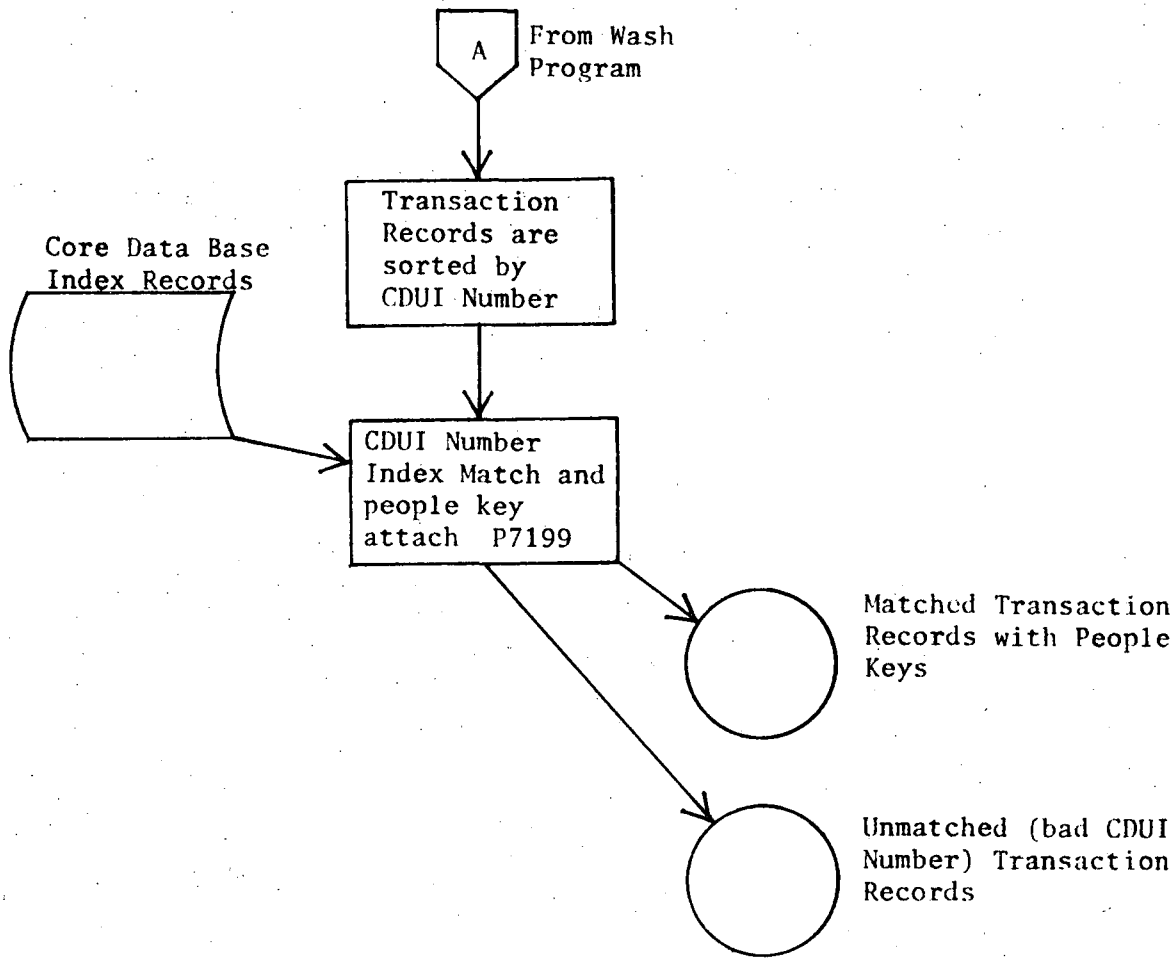
The wash program contains a large table of Vehicle Code Section numbers, as well as selected sections from other statutes that are commonly reported to the DMV, e.g., Business and Professions, Health and Safety, Penal Code. The various statute sections (driving violations) are organized for research purposes into seven offense categories of moving violations and four categories of nonmoving violations.

In this step of the process, all the driving violation transaction records are compared with the table and when the section number in each transaction record matches a section number in the table, the appropriate offense category value is placed in the transaction record. (Note: All accident transactions are given the same category value, licensing action transactions are given one of three values. This is a simple process which is actually accomplished by the extract program in Steps 3 and 5).

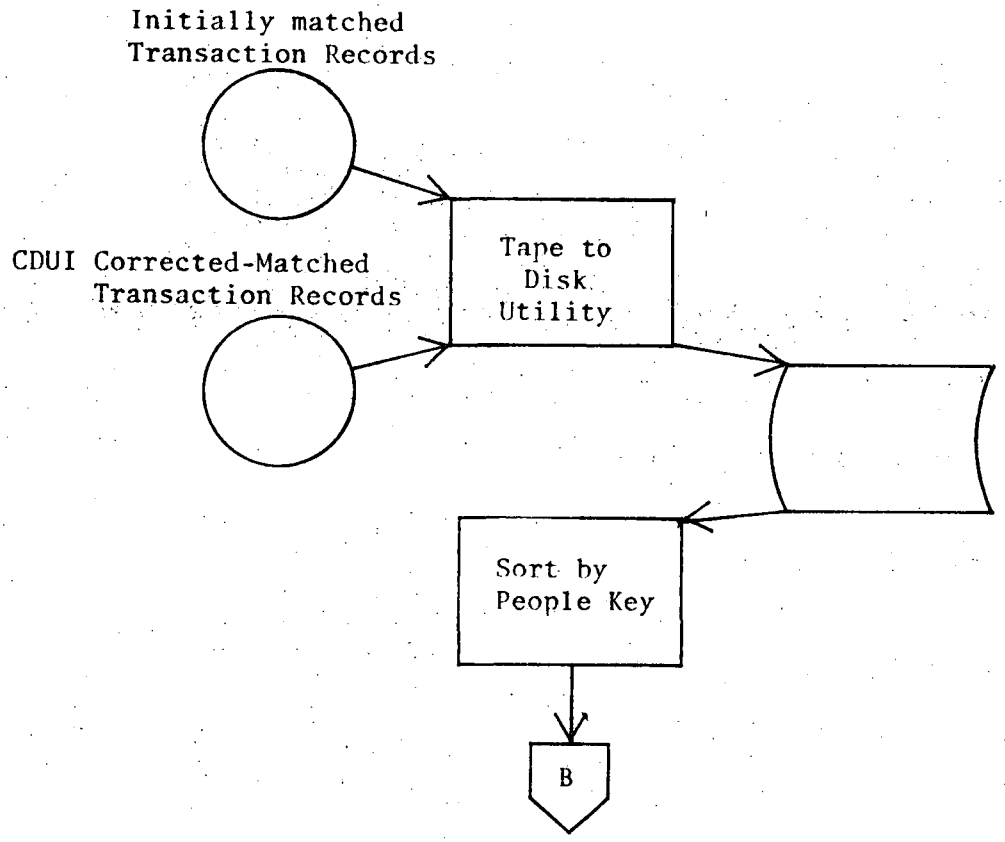
If the violation indicated in the transaction record does not have a match in the table, the transaction record is rejected and thus eliminated from further processing. Less than five percent of the driving violation transaction records are eliminated in this manner. These include pedestrian and bicycle violations, minor equipment violations, parking violations, and a number of unidentified violations of obscure statutes.



Step 11: In preparation for the final stages of processing, the transaction records are compared with the latest Core Data Base index records to assure that all CDUI case numbers are correct and have not been changed since the DMV request tapes were created in Step 1. When the CDUI number and assignment date on the transaction records find a match in the index records, the appropriate people key is attached to the transaction records. Matched and unmatched transaction records are written on separate tape files.



Step 12: The CDUI number and assignment date errors in the unmatched transaction records are corrected. The primary method of correcting such errors is to compare the unmatched transaction records with our file of voided CDUI numbers. The old voided CDUI numbers are replaced with the new correct numbers. The CDUI corrected tape is then run back through Step 11 so that the appropriate people keys can be attached. Then the initially matched transaction records from the first pass, and the CDUI corrected-matched transaction records from the second pass are written to a disk file and are sorted by people key.



Step 13: By the time the transaction records reach this step of the process they have been sorted on the following parameters:

People Key - ties all records to an individual client.
Transaction Type - Header, Accident, Driving Violation, Licensing Action.
Offense Category - Accident (one cat.), Driving Violations (eleven cat.), Licensing Action (three cat.), Headers have value ØØ.

Offense Date - Date of accident or driving violation, or earliest date on licensing action transactions, headers blank.

Section - Specific statute section number for driving violations and licensing actions, time of day for accidents, headers blank.

Source - Ø = Core Data Base Headers, 1 = DMV data from last search, 2 = DMV data from error returns and paper, 3 = DMV data from current DL and name return tapes.

Search Date - Date each transaction record was obtained from DMV.

The sorted transaction records must now be collapsed down so that duplicate records are eliminated, leaving only one transaction record per unique accident, driving violation and licensing action event. A client's transaction records are considered duplicate when the transaction type, offense category, offense date and section number are identical (source and search date are not used in this comparison). Duplicate records are the rule not the exception, because the record of a specific offense is collected at every six-month search, until it is eventually purged from the California DMV automated driving record file.

In cases of duplicate transaction records, the most recent one is retained and the older record is purged. The reasoning behind this is that the more recent version of the record may have new or amended information such as court disposition data.

If a previously collected transaction record was purged from the California DMV system between the last search and the current search, it will not of course be represented among the current transaction records. Consequently, there is no duplication and the previously collected record will be retained.

This collapsing process has proved to be quite accurate and efficient, however, there are potential situations in which error can occur. For example, if a client violated the exact same statute section twice on the same day, it would appear to be a duplicate record and one of the offenses would be purged. During the development of the DMV data collection system literally hundreds of offense records were examined and not once were two same day, same section violations detected. Thus, any loss of data due to this situation would be minimal. Nonetheless, special precautions are taken with DUI violations.

When two or more DUI transaction records with the same offense date are encountered, the citation/docket number field is examined. If the Court docket numbers are identical for all the transaction records they are considered duplicate and only the single most recent record (in sort order) is retained. On the other hand, if there are different docket numbers each unique docket number is considered a separate DUI event, and the most recent transaction record is kept for each event. All same day DUI transaction records retained in this manner are displayed for visual confirmation.

The procedure of using the court docket number in separating same day - same section violation records is restricted to DUI offenses only. This is because the citation/docket field is subject to change. For example, an offense record containing a police citation number may be amended later to show a court docket number. This is not uncommon in failure to appear cases. When the collapsing criteria are changed both new and old versions of a record will be retained as separate events.

In fact, the loss of unique event records during the collapse process is not as serious a problem as retaining two or more records for what is actually a single event. Speeding violations are particularly prone to this type of error. The California Vehicle Code has several sections concerning excessive speed. When a person is stopped for excessive speed he is frequently cited for violating two sections of the Vehicle Code, e.g., the basic speed law and the "temporary" 55 miles per hour speed law. Both of the cited sections refer to one behavioral event and to count each of them as unique events would distort the data for research purposes.

To avoid double counting single speeding offenses in the collapse process, the various Vehicle Code section numbers referring to excessive speed are all converted to the section number for the basic speed law. (The conversion actually takes place in the extract program, Steps 3 and 5). This procedure forces the multiple speeding citations to appear as duplicate records and only the most recent one is retained.

It is also possible to get double reportings of accidents. For example, a person may file a Financial Responsibility (FR) Accident Report and then the police file their report of the same accident. Sometimes both records are retained in the California DMV file, although such cases are infrequent. In most cases, information from the FR and police reports are combined into one accident record.

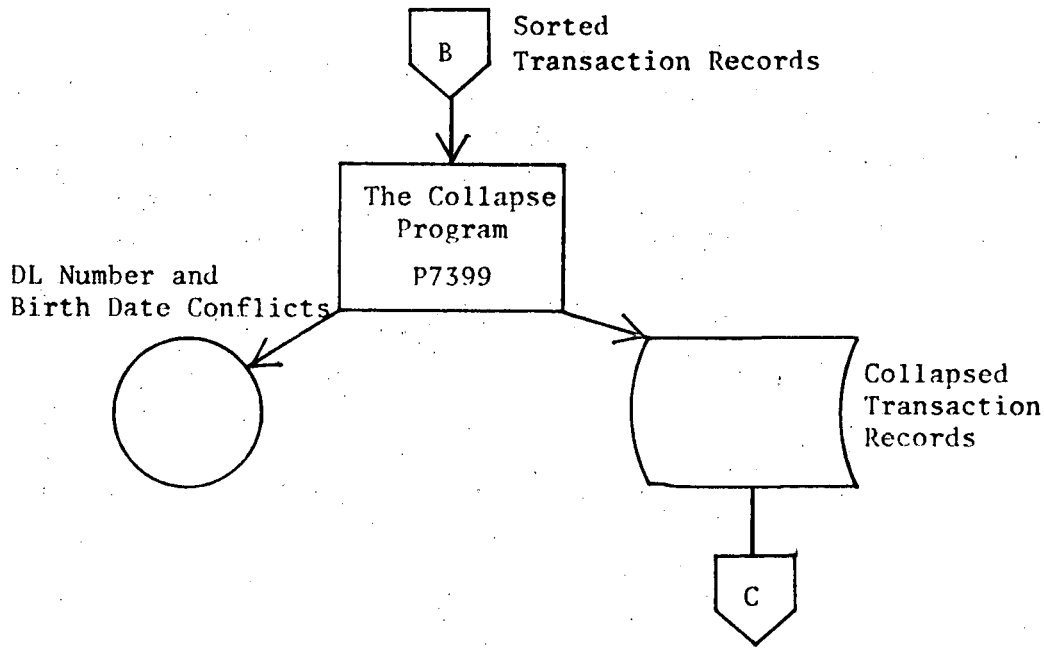
In the process of collapsing duplicate accident records, time of accident is substituted for statute section number. Since FR reports do not carry time of day, police and FR reports of the same accident do not appear as duplicates. An attempt is made to control the double counting of accidents by displaying all same day accident records. If after inspecting these accidents records there appears to be a duplication problem, we later remove one of the duplicate records through a special process.

It also should be noted that the collapsing of licensing action transaction records is somewhat more complicated than for accident and driving violation records. Since licensing actions can be stayed, reinstated, terminated, and otherwise modified over time, it becomes even more difficult to prevent the retention of multiple records for unique events. Suffice it to say that every reasonable effort was made to maintain the integrity of licensing action data.

In addition to eliminating duplicate records at each six-month update, the collapse program produces a number of useful "error" messages. When the drivers license number in the California DMV records is different from the license number in our Core Data Base records, a message is printed

and both license numbers are written to a tape so the information is available for research at a later date. The same process occurs when birth dates conflict. The DMV license numbers are assumed to be correct and later in Step 15 the Core Data Base records are updated with the new license numbers. Birth dates are not updated but large discrepancies are investigated.

Finally, the collapse program provides information concerning the success of our searches. In most cases we receive driving records for every request. However, in some cases we never receive the driving record for a client even after several requests have been made (missing data), or we may have received a driving record on the last search but this time we did not (lost contact). Such problem situations are indicated by the collapse program.



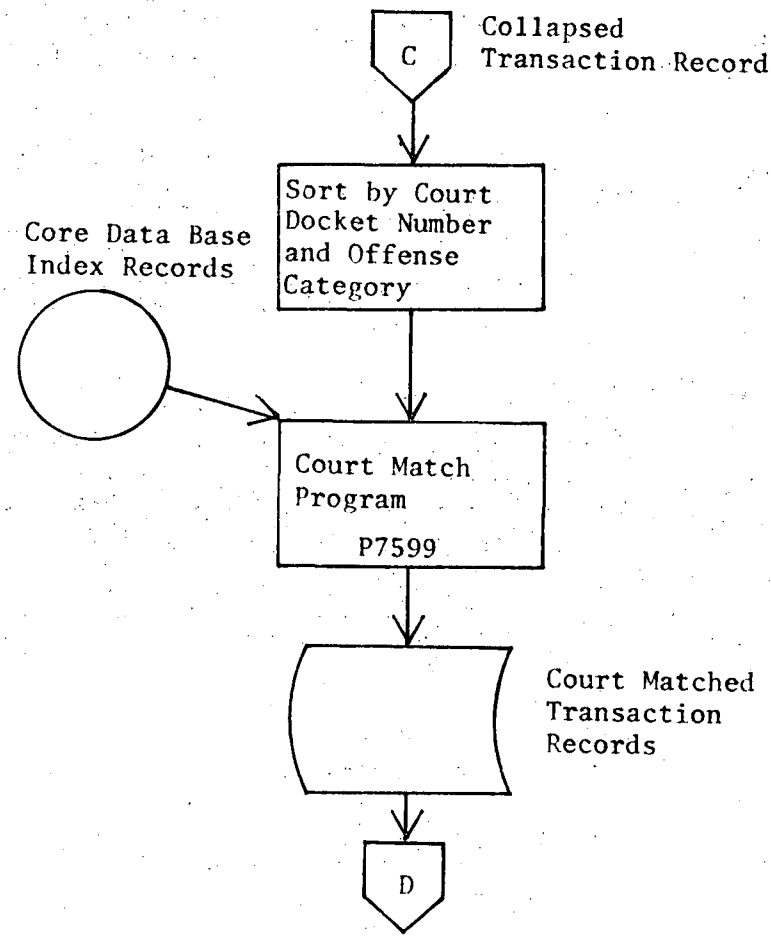
Step 14: The collapsed transaction records are sorted by court docket number and offense category. The docket numbers for all DUI and Reckless Driving transaction records are then matched with the docket numbers on the Core Data Base court index records. When a match occurs a flag is set in the transaction record indicating that we have identified an index arrest, i.e., an arrest that eventually led to the client's referral to the CDUI Project.

The Court may have made one referral to the CDUI Project as the result of two or more offenses. Typically, these offenses occurred only a few days or weeks apart. In such cases the CDUI Evaluation staff indicates the docket number for the most recent offense as the primary court case and the other docket numbers as supplemental court cases.

The Court may also have made two or more separate referrals to the CDUI Project when a client's arrests were months or even years apart, thus generating two or more separate CDUI case numbers for a client. In such situations one case number is considered the major case, while the others are considered nonmajor. The case which resulted in a random assignment (which can occur only once per individual) is always considered the major case. In the other cases, the client is referred to a treatment program at the Intake Counselor's discretion and are thus nonrandom, nonmajor cases.

When the docket number in a transaction record matches a docket number in the Core Data Base index records, not only is it identified as belonging to an index arrest but an indication is made as to whether the court case is primary or supplemental, and the associated CDUI case major or nonmajor.

Index arrest information is extremely valuable in data base maintenance. The presence of an index arrest docket number is probably the single best indication that we actually have received the correct driving record for a particular client. This information also helps us track down missing index arrest records.

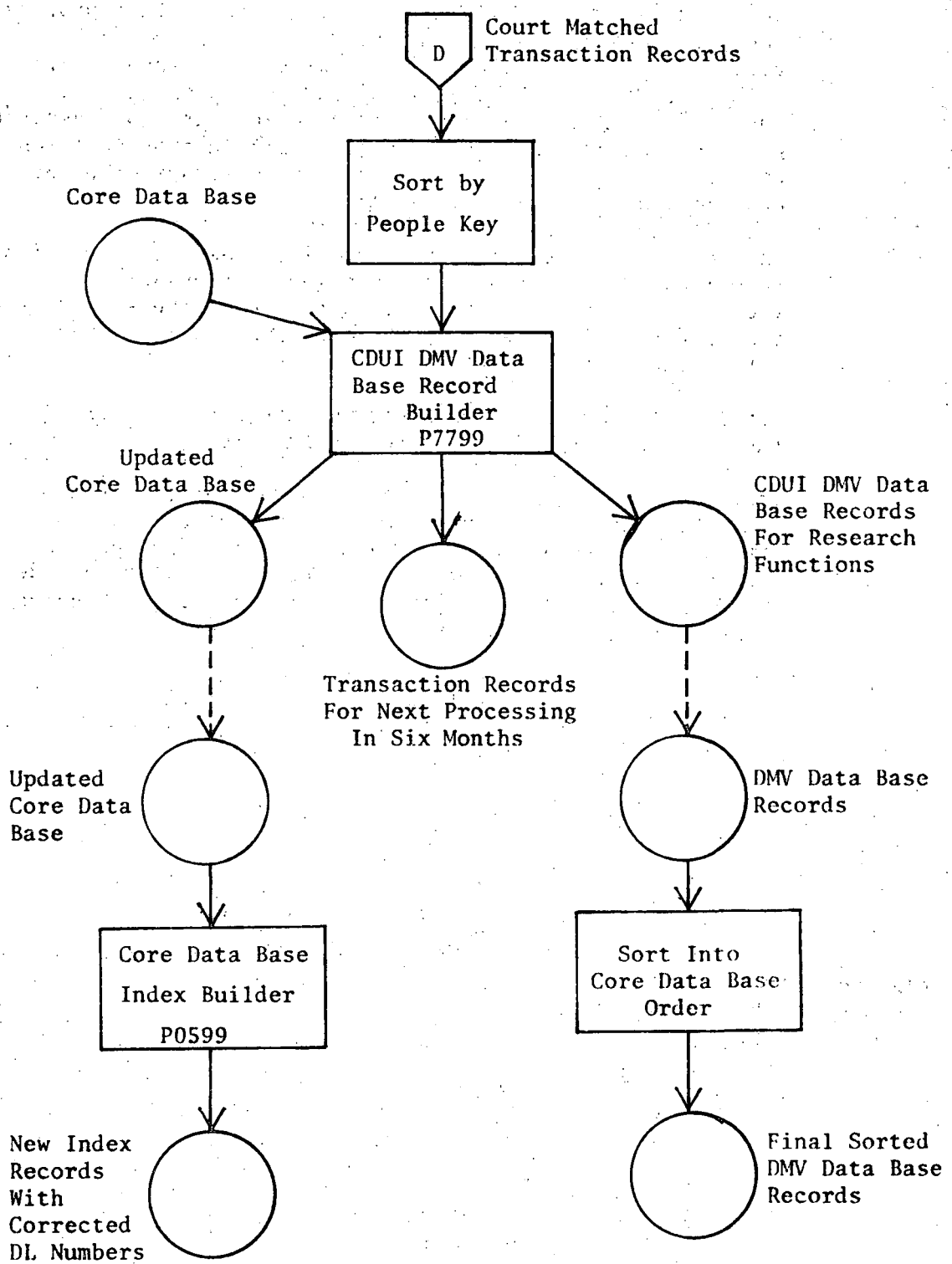


Step 15: The Court matched transaction records are sorted by people key. The sorted transaction records along with the Core Data Base Records are then processed through the program which builds the CDUI DMV Data Base records. This process consists of moving data from the smaller transaction records (80 bytes + keys) to the larger data base records (150 bytes + keys). While adjusting the record size is not essential, it does make extraction of data for research purposes easier, since the record length and the position of the keys and other control data now correspond to Core Data Base and LAI Data Base Records.

In addition to building a tape file of data base records, some minor modifications are made in the transaction records and they are also written to tape. These transaction records will be the old data input for the next process in six months.

Finally, the Core Data Base records are updated with the new, corrected drivers license numbers.

There are two small clean-up tasks which complete the process. The DMV Data Base records are sorted into the exact same order as the Core Data Base, and the updated Core Data Base is process through the Core Data Base index building program to make new Core Data Base index records containing the new drivers license numbers.


D
Court Matched
Transaction Records
Sort by
People Key
Core Data Base
CDUI DMV Data
Base Record
Builder
P7799
Updated
Core Data Base
CDUI DMV Data
Base Records
For Research
Functions
Transaction Records
For Next Processing
In Six Months
Updated
Core Data
Base
DMV Data Base
Records
Core Data Base
Index Builder
P0599
Sort Into
Core Data Base
Order
New Index
Records
With
Corrected
DL Numbers
Final Sorted
DMV Data Base
Records

APPENDIX B

Survival Data and Test Statistic
Summary Tables
for
First Offender Treatment Group Analysis

APPENDIX B DIRECTORY

Table B1.a

Control Group Survival Data: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1270.0	13.0	1263.5	13.0	0.0103	0.9897	0.9897	0.003
30.0	1244.0	43.0	1222.5	9.0	0.0074	0.9926	0.9824	0.004
60.0	1192.0	36.0	1174.0	12.0	0.0102	0.9898	0.9724	0.005
90.0	1144.0	45.0	1121.5	8.0	0.0071	0.9929	0.9654	0.005
120.0	1091.0	47.0	1067.5	7.0	0.0066	0.9934	0.9591	0.006
150.0	1037.0	79.0	997.5	9.0	0.0090	0.9910	0.9505	0.006
180.0	949.0	70.0	914.0	7.0	0.0077	0.9923	0.9432	0.007
210.0	872.0	93.0	825.5	4.0	0.0048	0.9952	0.9386	0.007
240.0	775.0	75.0	737.5	5.0	0.0068	0.9932	0.9322	0.008
270.0	695.0	48.0	671.0	2.0	0.0030	0.9970	0.9295	0.008
300.0	645.0	51.0	619.5	6.0	0.0097	0.9903	0.9205	0.009
330.0	588.0	52.0	562.0	3.0	0.0053	0.9947	0.9156	0.009
360.0	533.0	68.0	499.0	6.0	0.0120	0.9880	0.9045	0.010
390.0	459.0	57.0	430.5	1.0	0.0023	0.9977	0.9024	0.010
420.0	401.0	44.0	379.0	3.0	0.0079	0.9921	0.8953	0.011
450.0	354.0	39.0	334.5	2.0	0.0060	0.9940	0.8899	0.012
480.0	313.0	45.0	290.5	1.0	0.0034	0.9966	0.8869	0.012
510.0	267.0	32.0	251.0	1.0	0.0040	0.9960	0.8834	0.012
540.0	234.0	42.0	213.0	0.0	0.0	1.0000	0.8834	0.012
570.0	192.0	35.0	174.5	1.0	0.0057	0.9943	0.8783	0.013
600.0	156.0	29.0	141.5	0.0	0.0	1.0000	0.8783	0.013
630.0	127.0	26.0	114.0	0.0	0.0	1.0000	0.8783	0.013
660.0	101.0	33.0	84.5	0.0	0.0	1.0000	0.8783	0.013
690.0	68.0	19.0	58.5	1.0	0.0171	0.9829	0.8633	0.020
720.0	48.0	34.0	31.0	0.0	0.0	1.0000	0.8633	0.020
750.0+	14.0	14.0	7.0	0.0	0.0	1.0000	0.8633	0.020

Table B1.b

Home Study Group Survival Data: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd To Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1309.0	12.0	1303.0	11.0	0.0084	0.9916	0.9916	0.003
30.0	1286.0	43.0	1264.5	17.0	0.0134	0.9866	0.9782	0.004
60.0	1226.0	47.0	1202.5	14.0	0.0116	0.9884	0.9668	0.005
90.0	1165.0	44.0	1143.0	10.0	0.0087	0.9913	0.9584	0.006
120.0	1111.0	55.0	1083.5	8.0	0.0074	0.9926	0.9513	0.006
150.0	1048.0	61.0	1017.5	12.0	0.0118	0.9882	0.9401	0.007
180.0	975.0	81.0	934.5	5.0	0.0054	0.9946	0.9351	0.007
210.0	889.0	76.0	851.0	4.0	0.0047	0.9953	0.9307	0.007
240.0	809.0	70.0	774.0	6.0	0.0078	0.9922	0.9234	0.008
270.0	733.0	56.0	705.0	5.0	0.0071	0.9929	0.9169	0.008
300.0	672.0	48.0	648.0	1.0	0.0015	0.9985	0.9155	0.009
330.0	623.0	56.0	595.0	5.0	0.0084	0.9916	0.9078	0.009
360.0	562.0	71.0	526.5	1.0	0.0019	0.9981	0.9061	0.009
390.0	490.0	66.0	457.0	6.0	0.0131	0.9869	0.8942	0.010
420.0	418.0	41.0	397.5	1.0	0.0025	0.9975	0.8919	0.011
450.0	376.0	35.0	358.5	2.0	0.0056	0.9944	0.8869	0.011
480.0	339.0	47.0	315.5	3.0	0.0095	0.9905	0.8785	0.012
510.0	289.0	35.0	271.5	1.0	0.0037	0.9963	0.8753	0.012
540.0	253.0	37.0	234.5	1.0	0.0043	0.9957	0.8715	0.013
570.0	215.0	48.0	191.0	0.0	0.0	1.0000	0.8715	0.013
600.0	167.0	47.0	143.5	0.0	0.0	1.0000	0.8715	0.013
630.0	120.0	22.0	109.0	0.0	0.0	1.0000	0.8715	0.013
660.0	98.0	21.0	87.5	0.0	0.0	1.0000	0.8715	0.013
690.0	77.0	25.0	64.5	1.0	0.0155	0.9845	0.8580	0.018
720.0	51.0	35.0	33.5	0.0	0.0	1.0000	0.8580	0.018
750.0+	16.0	16.0	8.0	0.0	0.0	1.0000	0.8580	0.018

Table B1.c

In-Class Group Survival Data: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1286.0	5.0	1283.5	18.0	0.0140	0.9860	0.9860	0.003
30.0	1263.0	35.0	1245.5	9.0	0.0072	0.9928	0.9789	0.004
60.0	1219.0	51.0	1193.5	10.0	0.0084	0.9916	0.9706	0.005
90.0	1158.0	37.0	1139.5	8.0	0.0070	0.9930	0.9638	0.005
120.0	1113.0	58.0	1084.0	6.0	0.0055	0.9945	0.9585	0.006
150.0	1049.0	80.0	1009.0	4.0	0.0040	0.9960	0.9547	0.006
180.0	965.0	72.0	929.0	8.0	0.0086	0.9914	0.9465	0.007
210.0	885.0	84.0	843.0	3.0	0.0036	0.9964	0.9431	0.007
240.0	798.0	77.0	759.5	9.0	0.0118	0.9882	0.9319	0.008
270.0	712.0	56.0	684.0	8.0	0.0117	0.9883	0.9210	0.009
300.0	648.0	55.0	620.5	6.0	0.0097	0.9903	0.9121	0.009
330.0	587.0	39.0	567.5	3.0	0.0053	0.9947	0.9073	0.010
360.0	545.0	78.0	506.0	6.0	0.0119	0.9881	0.8965	0.010
390.0	461.0	51.0	435.5	6.0	0.0138	0.9862	0.8842	0.011
420.0	404.0	43.0	382.5	2.0	0.0052	0.9948	0.8796	0.012
450.0	359.0	35.0	341.5	2.0	0.0059	0.9941	0.8744	0.012
480.0	322.0	40.0	302.0	0.0	0.0	1.0000	0.8744	0.012
510.0	282.0	27.0	268.5	1.0	0.0037	0.9963	0.8712	0.013
540.0	254.0	32.0	238.0	1.0	0.0042	0.9958	0.8675	0.013
570.0	221.0	43.0	199.5	0.0	0.0	1.0000	0.8675	0.013
600.0	178.0	29.0	163.5	0.0	0.0	1.0000	0.8675	0.013
630.0	149.0	34.0	132.0	0.0	0.0	1.0000	0.8675	0.013
660.0	115.0	27.0	101.5	0.0	0.0	1.0000	0.8675	0.013
690.0	88.0	27.0	74.5	0.0	0.0	1.0000	0.8675	0.013
720.0	61.0	37.0	42.5	0.0	0.0	1.0000	0.8675	0.013
750.0+	24.0	24.0	12.0	0.0	0.0	1.0000	0.8675	0.013

Table B1.d

Survival Data for the Sample of Non-Volunteers: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Surv-iving
0.0	3240.0	1.0	3239.5	27.0	0.0083	0.9917	0.9917	0.002
30.0	3212.0	68.0	3178.0	22.0	0.0069	0.9931	0.9848	0.002
60.0	3122.0	112.0	3066.0	26.0	0.0085	0.9915	0.9764	0.003
90.0	2984.0	145.0	2912.5	22.0	0.0076	0.9924	0.9691	0.003
120.0	2819.0	126.0	2756.0	24.0	0.0087	0.9913	0.9606	0.004
150.0	2669.0	146.0	2596.0	21.0	0.0081	0.9919	0.9529	0.004
180.0	2502.0	120.0	2442.0	15.0	0.0061	0.9939	0.9470	0.004
210.0	2367.0	121.0	2306.5	14.0	0.0061	0.9939	0.9413	0.004
240.0	2232.0	91.0	2186.5	9.0	0.0041	0.9959	0.9374	0.005
270.0	2132.0	182.0	2041.0	15.0	0.0073	0.9927	0.9305	0.005
300.0	1935.0	161.0	1854.5	8.0	0.0043	0.9957	0.9265	0.005
330.0	1766.0	147.0	1692.5	15.0	0.0089	0.9911	0.9183	0.005
360.0	1604.0	151.0	1528.5	6.0	0.0039	0.9961	0.9147	0.006
390.0	1447.0	123.0	1385.5	6.0	0.0043	0.9957	0.9107	0.006
420.0	1318.0	104.0	1266.0	3.0	0.0024	0.9976	0.9086	0.006
450.0	1211.0	132.0	1145.0	6.0	0.0052	0.9948	0.9038	0.006
480.0	1073.0	107.0	1019.5	6.0	0.0059	0.9941	0.8985	0.007
510.0	960.0	138.0	891.0	6.0	0.0067	0.9933	0.8924	0.007
540.0	816.0	87.0	772.5	7.0	0.0091	0.9909	0.8843	0.008
570.0	722.0	102.0	671.0	3.0	0.0045	0.9955	0.8804	0.008
600.0	617.0	79.0	577.5	1.0	0.0017	0.9983	0.8789	0.008
630.0	537.0	107.0	483.5	0.0	0.0	1.0000	0.8789	0.008
660.0	430.0	114.0	373.0	2.0	0.0054	0.9946	0.8741	0.009
690.0	314.0	106.0	261.0	0.0	0.0	1.0000	0.8741	0.009
720.0	208.0	83.0	166.5	0.0	0.0	1.0000	0.8741	0.009
750.0+	125.0	125.0	62.5	0.0	0.0	1.0000	0.8741	0.009

Table B1.c

Comparison of First Offender Treatment Groups using the Lee-Desu Statistic: First Accident

Overall Comparison	Statistic	0.637	D.F.	2	Prob.	0.7271, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	1270	101	1169	92.05	13.176	
Home Study	1309	114	1195	91.29	-13.756	
In-Class	1286	110	1176	91.45	0.98989	
Pairwise Comparison	Statistic	0.640	D.F.	1	Prob.	0.4238, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	1270	101	1169	92.05	9.1850	
Home Study	1309	114	1195	91.29	-8.9114	
Pairwise Comparison	Statistic	0.129	D.F.	1	Prob.	0.7190, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	1270	101	1169	92.05	3.9906	
In-Class	1286	110	1176	91.45	-3.9409	
Pairwise Comparison	Statistic	0.182	D.F.	1	Prob.	0.6700, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Home Study	1309	114	1195	91.29	-4.8442	
In-Class	1286	110	1176	91.45	4.9308	

Table B1.f

Comparison of First Offender Treatment Group and the
Non-Volunteer Sample Using the Lee-Desu Statistic: First Accident

Overall Comparison Statistic 2.949 D.F. 3 Prob. 0.3996,NS

Group	Name	Total N	UNCEN	CEN	PCT CEN	Mean Score
	Non-Volunteer	3240	264	2976	91.85	30.845
	Control	1270	101	1169	92.05	-0.68110
	Home Study	1309	114	1195	91.29	-50.720
	In-Class	1286	110	1176	91.45	-25.412

Pairwise Comparison Statistic 0.349 D.F. 1 Prob. 0.5546,NS

Group	Name	Total N	UNCEN	CEN	PCT CEN	Mean Score
	Non-Volunteer	3240	264	2976	91.85	5.4315
	Control	1270	101	1169	92.05	-13.857

Pairwise Comparison Statistic 2.445 D.F. 1 Prob. 0.1179,NS

Group	Name	Total N	UNCEN	CEN	PCT CEN	Mean Score
	Non-Volunteer	3240	264	2976	91.85	14.934
	Home Study	1309	114	1195	91.29	-36.964

Pairwise Comparison Statistic 0.640 D.F. 1 Prob. 0.4238,NS

Group	Name	Total N	UNCEN	CEN	PCT CEN	Mean Score
	Control	1270	101	1169	92.05	9.1850
	Home Study	1309	114	1195	91.29	-8.9114

Pairwise Comparison Statistic 1.259 D.F. 1 Prob. 0.2619,NS

Group	Name	Total N	UNCEN	CEN	PCT CEN	Mean Score
	Non-Volunteer	3240	264	2976	91.85	10.479
	In-Class	1286	110	1176	91.45	-26.402

Table B1.f (cont.)

Comparison of First Offender Treatment Group and the
Non-Volunteer Sample Using the Lee-Desu Statistic: First Accident
(Con't)

Pairwise Comparison	Statistic	0.129	D.F.	1	Prob.	0.7190,NS

Group	Name	Total N	UNCEN	CEN	PCT CEN	Mean Score
	Control	1270	101	1169	92.05	3.9906
	In-Class	1286	110	1176	91.45	-3.9409

Pairwise Comparison	Statistic	0.182	D.F.	1	Prob.	0.6700,NS

Group	Name	Total N	UNCEN	CEN	PCT CEN	Mean Score
	Home Study	1309	114	1195	91.29	-4.8442
	In-Class	1286	110	1176	91.45	4.9308

Table B2.a

Control Group Survival Data: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-Nating	Propn survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1270.0	13.0	1263.5	12.0	0.0095	0.9905	0.9905	0.003
30.0	1245.0	44.0	1223.0	14.0	0.0114	0.9886	0.9792	0.004
60.0	1187.0	37.0	1168.5	10.0	0.0086	0.9914	0.9708	0.005
90.0	1140.0	45.0	1117.5	6.0	0.0054	0.9946	0.9656	0.005
120.0	1089.0	47.0	1065.5	6.0	0.0056	0.9944	0.9601	0.006
150.0	1036.0	81.0	995.5	8.0	0.0080	0.9920	0.9524	0.006
180.0	947.0	71.0	911.5	5.0	0.0055	0.9945	0.9472	0.007
210.0	871.0	94.0	824.0	4.0	0.0049	0.9951	0.9426	0.007
240.0	773.0	76.0	735.0	3.0	0.0041	0.9959	0.9387	0.007
270.0	694.0	52.0	668.0	3.0	0.0045	0.9955	0.9345	0.008
300.0	639.0	55.0	611.5	3.0	0.0049	0.9951	0.9299	0.008
330.0	581.0	53.0	554.5	2.0	0.0036	0.9964	0.9266	0.008
360.0	526.0	62.0	495.0	2.0	0.0040	0.9960	0.9229	0.009
390.0	462.0	59.0	432.5	0.0	0.0	1.0000	0.9229	0.009
420.0	403.0	44.0	381.0	3.0	0.0079	0.9921	0.9156	0.010
450.0	356.0	47.0	332.5	1.0	0.0030	0.9970	0.9128	0.010
480.0	380.0	42.0	287.0	0.0	0.0	1.0000	0.9128	0.010
510.0	266.0	31.0	250.5	0.0	0.0	1.0000	0.9128	0.010
540.0	235.0	41.0	214.5	0.0	0.0	1.0000	0.9128	0.010
570.0	194.0	39.0	174.5	0.0	0.0	1.0000	0.9128	0.010
600.0	155.0	31.0	139.5	0.0	0.0	1.0000	0.9128	0.010
630.0	124.0	28.0	110.0	0.0	0.0	1.0000	0.9128	0.010
660.0	96.0	32.0	80.0	0.0	0.0	1.0000	0.9128	0.010
690.0	64.0	19.0	54.5	0.0	0.0	1.0000	0.9128	0.010
720.0	45.0	30.0	30.0	0.0	0.0	1.0000	0.9128	0.010
750.0+	15.0	15.0	7.5	0.0	0.0	1.0000	0.9128	0.010

Table B2.b

Home Study Group Survival Data: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposed to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1309.0	12.0	1303.0	9.0	0.0069	0.9931	0.9931	0.002
30.0	1288.0	43.0	1266.5	14.0	0.0111	0.9889	0.9821	0.004
60.0	1231.0	47.0	1207.5	12.0	0.0099	0.9901	0.9724	0.005
90.0	1172.0	44.0	1150.5	8.0	0.0070	0.9930	0.9656	0.005
120.0	1120.0	56.0	1092.0	2.0	0.0018	0.9982	0.9638	0.005
150.0	1062.0	63.0	1030.5	6.0	0.0058	0.9942	0.9582	0.006
180.0	993.0	81.0	952.5	8.0	0.0084	0.9916	0.9502	0.006
210.0	904.0	75.0	866.5	6.0	0.0069	0.9931	0.9436	0.007
240.0	823.0	75.0	785.5	3.0	0.0038	0.9962	0.9400	0.007
270.0	745.0	55.0	717.5	3.0	0.0042	0.9958	0.9360	0.007
300.0	687.0	47.0	663.5	1.0	0.0015	0.9985	0.9346	0.008
330.0	639.0	60.0	609.0	2.0	0.0033	0.9967	0.9316	0.008
360.0	577.0	72.0	541.0	0.0	0.0	1.0000	0.9316	0.008
390.0	505.0	73.0	468.5	1.0	0.0021	0.9979	0.9296	0.008
420.0	431.0	40.0	411.0	1.0	0.0024	0.9976	0.9273	0.008
450.0	390.0	37.0	371.5	1.0	0.0027	0.9973	0.9248	0.009
480.0	352.0	46.0	329.0	0.0	0.0	1.0000	0.9248	0.009
510.0	306.0	38.0	287.0	0.0	0.0	1.0000	0.9248	0.009
540.0	268.0	42.0	246.0	2.0	0.0081	0.9919	0.9173	0.010
570.0	224.0	43.0	202.5	1.0	0.0049	0.9951	0.9128	0.011
600.0	180.0	51.0	154.5	0.0	0.0	1.0000	0.9128	0.011
630.0	129.0	26.0	116.0	0.0	0.0	1.0000	0.9128	0.011
660.0	103.0	22.0	92.0	0.0	0.0	1.0000	0.9128	0.011
690.0	81.0	26.0	68.0	0.0	0.0	1.0000	0.9128	0.011
720.0	55.0	36.0	37.0	0.0	0.0	1.0000	0.9128	0.011
750.0+	19.0	19.0	9.5	0.0	0.0	1.0000	0.9128	0.011

Table B2.c

In-Class Group Survival Data: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposed to Risk	Number of Terml Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1286.0	5.0	1283.5	10.0	0.0078	0.9922	0.9922	0.002
30.0	1271.0	35.0	1253.5	13.0	0.0104	0.9896	0.9819	0.004
60.0	1223.0	51.0	1197.5	5.0	0.0042	0.9958	0.9778	0.004
90.0	1167.0	37.0	1148.5	11.0	0.0096	0.9904	0.9685	0.005
120.0	1119.0	58.0	1090.0	4.0	0.0037	0.9963	0.9649	0.005
150.0	1057.0	85.0	1014.5	8.0	0.0079	0.9921	0.9573	0.006
180.0	964.0	71.0	928.5	4.0	0.0043	0.9957	0.9532	0.006
210.0	889.0	85.0	846.5	3.0	0.0035	0.9965	0.9498	0.006
240.0	801.0	76.0	763.0	3.0	0.0039	0.9961	0.9461	0.007
270.0	722.0	60.0	692.0	2.0	0.0029	0.9971	0.9433	0.007
300.0	660.0	57.0	631.5	3.0	0.0048	0.9952	0.9388	0.007
330.0	600.0	43.0	578.5	3.0	0.0052	0.9948	0.9340	0.008
360.0	554.0	75.0	516.5	1.0	0.0019	0.9981	0.9322	0.008
390.0	478.0	58.0	449.0	2.0	0.0045	0.9955	0.9280	0.009
420.0	418.0	44.0	396.0	0.0	0.0	1.0000	0.9280	0.009
450.0	374.0	37.0	355.5	0.0	0.0	1.0000	0.9280	0.009
480.0	337.0	46.0	314.0	1.0	0.0032	0.9968	0.9251	0.009
510.0	290.0	31.0	274.5	1.0	0.0036	0.9964	0.9217	0.010
540.0	258.0	31.0	242.5	1.0	0.0	1.0000	0.9217	0.010
570.0	227.0	43.0	205.5	0.0	0.0	1.0000	0.9217	0.010
600.0	184.0	34.0	167.0	0.0	0.0	1.0000	0.9217	0.010
630.0	150.0	36.0	132.0	0.0	0.0	1.0000	0.9217	0.010
660.0	114.0	26.0	101.0	0.0	0.0	1.0000	0.9217	0.010
690.0	88.0	29.0	73.5	0.0	0.0	1.0000	0.9217	0.010
720.0	59.0	37.0	40.5	0.0	0.0	1.0000	0.9217	0.010
750.0+	22.0	22.0	11.0	0.0	0.0	1.0000	0.9217	0.010

Table B2.d

Survival Data for the Sample of Non-Volunteers: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi nating	Propn Survi- ving	Cumul Propn Surv At End	SE of Cumul Surv- iving
0.0	3240.0	1.0	3239.5	34.0	0.0105	0.9895	0.9895	0.002
30.0	3205.0	67.0	3171.5	19.0	0.0060	0.9940	0.9836	0.002
60.0	3119.0	113.0	3062.5	15.0	0.0049	0.9951	0.9788	0.003
90.0	2991.0	145.0	2918.5	13.0	0.0045	0.9955	0.9744	0.003
120.0	2833.0	124.0	2771.0	18.0	0.0065	0.9935	0.9681	0.003
150.0	2691.0	148.0	2617.0	22.0	0.0084	0.9916	0.9599	0.004
180.0	2521.0	122.0	2460.0	8.0	0.0033	0.9967	0.9568	0.004
210.0	2391.0	120.0	2331.0	10.0	0.0043	0.9957	0.9527	0.004
240.0	2261.0	96.0	2213.0	5.0	0.0023	0.9977	0.9506	0.004
270.0	2160.0	186.0	2067.0	9.0	0.0044	0.9956	0.9464	0.004
300.0	1965.0	160.0	1885.0	4.0	0.0021	0.9979	0.9444	0.004
330.0	1801.0	152.0	1725.0	5.0	0.0029	0.9971	0.9417	0.005
360.0	1644.0	151.0	1568.5	6.0	0.0038	0.9962	0.9381	0.005
390.0	1487.0	130.0	1422.0	3.0	0.0021	0.9979	0.9361	0.005
420.0	1354.0	117.0	1295.5	3.0	0.0023	0.9977	0.9339	0.005
450.0	1234.0	141.0	1163.5	4.0	0.0034	0.9966	0.9307	0.005
480.0	1089.0	111.0	1033.5	1.0	0.0010	0.9990	0.9298	0.005
510.0	977.0	140.0	907.0	2.0	0.0022	0.9978	0.9278	0.005
540.0	835.0	81.0	794.5	1.0	0.0013	0.9987	0.9266	0.006
570.0	753.0	98.0	704.0	1.0	0.0014	0.9986	0.9253	0.006
600.0	654.0	83.0	612.5	0.0	0.0	1.0000	0.9253	0.006
630.0	571.0	124.0	509.0	0.0	0.0	1.0000	0.9253	0.006
660.0	447.0	116.0	389.0	0.0	0.0	1.0000	0.9253	0.006
690.0	331.0	104.0	279.0	0.0	0.0	1.0000	0.9253	0.006
720.0	227.0	93.0	180.5	0.0	0.0	1.0000	0.9253	0.006
750.0+	134.0	134.0	67.0	0.0	0.0	1.0000	0.9253	0.006

Table B2.e

Comparison of First Offender Treatment Groups Using the Lee-Desu Statistic:

First DUI or Reckless Driving Offense

Overall Comparison		Statistic	0.646	D.F.	2	PROB.	0.7239,NS
Group	Name	Total N	Uncen	Cen	PCT CEN	Mean Score	
	Control	1270	82	1188	93.54	-12.892	
	Home Study	1309	80	1229	93.89	0.79679	
	In-Class	1286	74	1212	94.25	11.921	
Pairwise Comparison		Statistic	0.194	D.F.	1	PROB.	0.6598,NS
Group	Name	Total N	Uncen	Cen	PCT CEN	Mean Score	
	Control	1270	82	1188	93.54	-4.6457	
	Home Study	1309	80	1229	93.89	4.5073	
Pairwise Comparison		Statistic	0.642	D.F.	1	PROB.	0.4230,NS
Group	Name	Total N	Uncen	Cen	PCT CEN	Mean Score	
	Control	1270	82	1188	93.54	-8.2465	
	In-class	1286	74	1212	94.25	8.1439	
Pairwise Comparison		Statistic	0.136	D.F.	1	PROB.	0.7126,NS
Group	Name	Total N	Uncen	Cen	PCT CEN	Mean Score	
	Home Study	1309	80	1229	93.89	-3.7105	
	In-Class	1286	74	1212	94.25	3.7768	

Table B2.f

Comparison of First Offender Treatment Group and the Non-Volunteer Sample
Using the Lee-Desu Statistic: First DUI or Reckless Driving Offense

Overall Comparison	Statistic	2.814	D.F.	3	Prob.	0.4212,NS

Group	Name	Total N	UNCEN	CEN	PCT CEN	Mean Score
	Non-Volunteer	3240	183	3057	94.35	26.865
	Control	1270	82	1188	93.54	-46.494
	Home Study	1309	80	1229	93.89	-20.975
	In-Class	1286	74	1212	94.25	-0.41991

Pairwise Comparison	Statistic	2.461	D.F.	1	Prob.	0.1167,NS

Group	Name	Total N	UNCEN	CEN	PCT CEN	Mean Score
	Non-Volunteer	3240	183	3057	94.35	13.071
	Control	1270	82	1188	93.54	-33.602

Pairwise Comparison	Statistic	1.073	D.F.	1	Prob.	0.3003,NS

Group	Name	Total N	UNCEN	CEN	PCT CEN	Mean Socre
	Non-Volunteer	3240	183	3057	94.35	8.7960
	Home Study	1309	80	1229	93.89	-21.772

Pairwise Comparison	Statistic	0.194	D.F.	1	Prob.	0.6598,NS

Group	Name	Total N	UNCEN	CEN	PCT CEN	Mean Score
	Control	1270	82	1188	93.54	-4.6457
	Home Study	1309	80	1229	93.89	4.5073

Pairwise Comparison	Statistic	0.346	D.F.	1	Prob.	0.5563,NS

Group	Name	Total N	UNCEN	CEN	PCT CEN	Mean Score
	Non-Volunteer	3240	183	3057	94.35	4.8981
	In-Class	1286	74	1212	94.25	-12.341

Table B2.f (Cont.)

Comparison of First Offender Treatment Group and the Non-Volunteer Sample
Using the Lee-Desu Statistic: First DUI or Reckless Driving Offense (Continued)

Pairwise Comparison Statistic 0.642 D.F. 1 Prob. 0.4230,NS

Group	Name	Total N	UNCEN	CEN	PCT CEN	Mean Score
	Control	1270	82	1188	93.54	-8.2465
	In-Class	1286	74	1212	94.25	8.1439

Pairwise Comparison Statistic 0.136 D.F. 1 Prob. 0.7126,NS

Group	Name	Total N	UNCEN	CEN	PCT CEN	Mean Score
	Home Study	1309	80	1229	93.89	-3.7105
	In-Class	1286	74	1212	94.25	3.7768

Table B3.a

Control Group Survival Data: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1270.0	13.0	1263.5	38.0	0.0301	0.9699	0.9699	0.005
30.0	1219.0	44.0	1197.0	33.0	0.0276	0.9724	0.9432	0.007
60.0	1142.0	36.0	1124.0	18.0	0.0160	0.9840	0.9281	0.007
90.0	1088.0	45.0	1065.5	19.0	0.0178	0.9822	0.9115	0.008
120.0	1024.0	45.0	1001.5	23.0	0.0230	0.9770	0.8906	0.009
150.0	956.0	81.0	915.5	12.0	0.0131	0.9869	0.8789	0.010
180.0	863.0	69.0	828.5	15.0	0.0181	0.9819	0.8630	0.010
210.0	779.0	87.0	735.5	11.0	0.0150	0.9850	0.8501	0.011
240.0	681.0	71.0	645.5	13.0	0.0201	0.9799	0.8330	0.012
270.0	597.0	48.0	573.0	6.0	0.0105	0.9895	0.8243	0.012
300.0	543.0	50.0	518.0	6.0	0.0116	0.9884	0.8147	0.012
330.0	487.0	47.0	463.5	7.0	0.0151	0.9849	0.8024	0.013
360.0	433.0	55.0	405.5	4.0	0.0099	0.9901	0.7945	0.014
390.0	374.0	52.0	348.0	1.0	0.0029	0.9971	0.7922	0.014
420.0	321.0	39.0	301.5	2.0	0.0066	0.9934	0.7870	0.014
450.0	280.0	41.0	259.5	1.0	0.0039	0.9961	0.7839	0.014
480.0	238.0	38.0	219.0	0.0	0.0	1.0000	0.7839	0.014
510.0	200.0	26.0	187.0	3.0	0.0160	0.9840	0.7713	0.016
540.0	171.0	32.0	155.0	0.0	0.0	1.0000	0.7713	0.016
570.0	139.0	27.0	125.5	0.0	0.0	1.0000	0.7713	0.016
600.0	112.0	25.0	99.5	0.0	0.0	1.0000	0.7713	0.016
630.0	87.0	21.0	76.5	0.0	0.0	1.0000	0.7713	0.016
660.0	66.0	20.0	56.0	0.0	0.0	1.0000	0.7713	0.016
690.0	46.0	12.0	40.0	0.0	0.0	1.0000	0.7713	0.016
720.0	34.0	22.0	23.0	0.0	0.0	1.0000	0.7713	0.016
750.0+	12.0	12.0	6.0	0.0	0.0	1.0000	0.7713	0.016

Table B3.b

Home Study Group Survival Data: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1309.0	12.0	1303.0	27.0	0.0207	0.9793	0.9793	0.004
30.0	1270.0	43.0	1248.5	39.0	0.0312	0.9688	0.9487	0.006
60.0	1188.0	47.0	1164.5	26.0	0.0223	0.9777	0.9275	0.007
90.0	1115.0	43.0	1093.5	26.0	0.0238	0.9762	0.9055	0.008
120.0	1046.0	56.0	1018.0	16.0	0.0157	0.9843	0.8912	0.009
150.0	974.0	62.0	943.0	18.0	0.0191	0.9809	0.8742	0.010
180.0	894.0	77.0	855.5	14.0	0.0164	0.9836	0.8599	0.010
210.0	803.0	73.0	766.5	16.0	0.0209	0.9791	0.8420	0.011
240.0	714.0	72.0	678.0	13.0	0.0192	0.9808	0.8258	0.012
270.0	629.0	50.0	604.0	5.0	0.0083	0.9917	0.8190	0.012
300.0	574.0	45.0	551.5	4.0	0.0073	0.9927	0.8130	0.012
330.0	525.0	55.0	497.5	2.0	0.0040	0.9960	0.8098	0.012
360.0	468.0	65.0	435.5	3.0	0.0069	0.9931	0.8042	0.013
390.0	400.0	64.0	368.0	4.0	0.0109	0.9891	0.7954	0.013
420.0	332.0	35.0	314.5	1.0	0.0032	0.9968	0.7929	0.013
450.0	296.0	33.0	279.5	1.0	0.0036	0.9964	0.7901	0.014
480.0	262.0	43.0	240.5	0.0	0.0	1.0000	0.7901	0.014
510.0	219.0	29.0	204.5	3.0	0.0147	0.9853	0.7785	0.015
540.0	187.0	31.0	171.5	3.0	0.0175	0.9825	0.7649	0.017
570.0	153.0	32.0	137.0	0.0	0.0	1.0000	0.7649	0.017
600.0	121.0	37.0	102.5	0.0	0.0	1.0000	0.7649	0.017
630.0	84.0	18.0	75.0	0.0	0.0	1.0000	0.7649	0.017
660.0	66.0	13.0	59.5	0.0	0.0	1.0000	0.7649	0.017
690.0	53.0	16.0	45.0	0.0	0.0	1.0000	0.7649	0.017
720.0	37.0	27.0	23.5	0.0	0.0	1.0000	0.7649	0.017
750.0+	10.0	10.0	5.0	0.0	0.0	1.0000	0.7649	0.017

Table B3.c

In-Class Group Survival Data: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1286.0	5.0	1283.5	39.0	0.0304	0.9696	0.9696	0.005
30.0	1242.0	35.0	1224.5	33.0	0.0269	0.9731	0.9435	0.006
60.0	1174.0	51.0	1148.5	18.0	0.0157	0.9843	0.9287	0.007
90.0	1105.0	37.0	1086.5	26.0	0.0239	0.9761	0.9065	0.008
120.0	1042.0	58.0	1013.0	24.0	0.0237	0.9763	0.8850	0.009
150.0	960.0	84.0	918.0	15.0	0.0163	0.9837	0.8705	0.010
180.0	861.0	68.0	827.0	13.0	0.0157	0.9843	0.8569	0.010
210.0	780.0	81.0	739.5	10.0	0.0135	0.9865	0.8453	0.011
240.0	689.0	70.0	654.0	11.0	0.0168	0.9832	0.8310	0.011
270.0	608.0	53.0	581.5	5.0	0.0086	0.9914	0.8239	0.012
300.0	550.0	50.0	525.0	8.0	0.0152	0.9848	0.8113	0.012
330.0	492.0	36.0	474.0	5.0	0.0105	0.9895	0.8028	0.013
360.0	451.0	67.0	417.5	8.0	0.0192	0.9808	0.7874	0.014
390.0	376.0	50.0	351.0	5.0	0.0142	0.9858	0.7762	0.014
420.0	321.0	36.0	303.0	1.0	0.0033	0.9967	0.7736	0.015
450.0	284.0	33.0	267.5	1.0	0.0037	0.9963	0.7707	0.015
480.0	250.0	39.0	230.5	2.0	0.0087	0.9913	0.7640	0.015
510.0	209.0	26.0	196.0	2.0	0.0102	0.9898	0.7563	0.016
540.0	181.0	23.0	169.5	2.0	0.0118	0.9882	0.7473	0.017
570.0	156.0	32.0	140.0	1.0	0.0071	0.9929	0.7420	0.018
600.0	123.0	25.0	110.5	0.0	0.0	1.0000	0.7420	0.018
630.0	98.0	30.0	83.0	0.0	0.0	1.0000	0.7420	0.018
660.0	68.0	18.0	59.0	0.0	0.0	1.0000	0.7420	0.018
690.0	50.0	17.0	41.5	0.0	0.0	1.0000	0.7420	0.018
720.0	33.0	22.0	22.0	0.0	0.0	1.0000	0.7420	0.018
750.0+	11.0	11.0	5.5	0.0	0.0	1.0000	0.7420	0.018

Table B3.d

Survival Data For The Sample of Non-Volunteers: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	3240.0	1.0	3239.5	96.0	0.0296	0.9704	0.9704	0.003
30.0	3143.0	67.0	3109.5	77.0	0.0248	0.9752	0.9463	0.004
60.0	2999.0	113.0	2942.5	50.0	0.0170	0.9830	0.9303	0.005
90.0	2836.0	144.0	2764.0	57.0	0.0206	0.9794	0.9111	0.005
120.0	2635.0	121.0	2574.5	51.0	0.0198	0.9802	0.8930	0.006
150.0	2463.0	146.0	2390.0	41.0	0.0172	0.9828	0.8777	0.006
180.0	2276.0	116.0	2218.0	33.0	0.0149	0.9851	0.8646	0.006
210.0	2127.0	114.0	2070.0	23.0	0.0111	0.9889	0.8550	0.007
240.0	1990.0	94.0	1943.0	30.0	0.0154	0.9846	0.8418	0.007
270.0	1866.0	167.0	1782.5	18.0	0.0101	0.9899	0.8333	0.007
300.0	1681.0	144.0	1609.0	9.0	0.0056	0.9944	0.8287	0.007
330.0	1528.0	137.0	1459.5	5.0	0.0034	0.9966	0.8258	0.007
360.0	1386.0	134.0	1319.0	9.0	0.0068	0.9932	0.8202	0.007
390.0	1243.0	112.0	1187.0	9.0	0.0076	0.9924	0.8140	0.008
420.0	1122.0	108.0	1068.0	5.0	0.0047	0.9953	0.8102	0.008
450.0	1009.0	113.0	952.5	3.0	0.0031	0.9969	0.8076	0.008
480.0	893.0	96.0	845.0	3.0	0.0036	0.9964	0.8048	0.008
510.0	794.0	121.0	733.5	6.0	0.0082	0.9918	0.7982	0.008
540.0	667.0	71.0	631.5	1.0	0.0016	0.9984	0.7969	0.009
570.0	595.0	77.0	556.5	3.0	0.0054	0.9946	0.7926	0.009
600.0	515.0	59.0	485.5	0.0	0.0	1.0000	0.7926	0.009
630.0	456.0	92.0	410.0	1.0	0.0024	0.9976	0.7907	0.009
660.0	363.0	97.0	314.5	1.0	0.0032	0.9968	0.7882	0.009
690.0	265.0	80.0	225.0	1.0	0.0044	0.9956	0.7847	0.010
720.0	184.0	78.0	145.0	0.0	0.0	1.0000	0.7847	0.010
750.0+	106.0	106.0	53.0	0.0	0.0	1.0000	0.7847	0.010

Table B3.e

Comparison of First Offender Treatment Groups Using the Lee-Desu Statistic: First Moving Violation or Any A/R Offense

Overall Comparison	Statistic	0.204	D.F.	2	Prob.	0.9030, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	1270	212	1058	83.31	7.3543
Home Study	1309	221	1088	83.12	5.4347
In-Class	1286	229	1057	82.19	-12.795

Pairwise Comparison	Statistic	0.001	D.F.	1	Prob.	0.9727, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	1270	212	1058	83.31	0.56614
Home Study	1309	221	1088	83.12	-0.54927

Pairwise Comparison	Statistic	0.170	D.F.	1	Prob.	0.6800, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	1270	212	1058	83.31	6.7882
In-Class	1286	229	1057	82.19	-6.7037

Pairwise Comparison	Statistic	0.134	D.F.	1	Prob.	0.7147, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Home Study	1309	221	1088	83.12	5.9840
In-Class	1286	229	1057	82.19	-6.0910

Table B3.f

Comparison of First Offender Treatment Groups and the Non-Volunteer Sample Using the Lee-Desu Statistic: First Moving Violation or Any A/R Offense

Overall Comparison	Statistic	1.741	D.F.	3	Prob.	0.6278, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Nonvolunteer	3240	532	2708	83.58	36.838
Control	1270	212	1058	83.31	-16.564
Home Study	1309	221	1088	83.12	-20.519
In-Class	1286	229	1057	82.19	-55.567

Pairwise Comparison	Statistic	0.471	D.F.	1	Prob.	0.4925, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Nonvolunteer	3240	532	2708	83.58	9.3753
Control	1270	212	1058	83.31	-23.918

Pairwise Comparison	Statistic	0.565	D.F.	1	Prob.	0.4522, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Nonvolunteer	3240	532	2708	83.58	10.486
Home Study	1309	221	1088	83.12	-25.954

Pairwise Comparison	Statistic	0.001	D.F.	1	Prob.	0.9727, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	1270	212	1058	83.31	0.56614
Home Study	1309	221	1088	83.12	-0.54927

Table B3.f (Cont.)

Comparison of First Offender Treatment Groups and the Non-Volunteer Sample Using the Lee-Desu Statistic: First Moving Violation or Any A/R Offense (Continued)

Pairwise Comparison	Statistic	1.502	D.F.	1	Prob.	0.2204, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Nonvolunteer	3240	532	2708	83.58	16.977	
In-Class	1286	229	1057	82.19	-42.772	
Pairwise Comparison	Statistic	0.170	D.F.	1	Prob.	0.6800, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	1270	212	1058	83.31	6.7882	
In-Class	1286	229	1057	82.19	-6.7037	
Pairwise Comparison	Statistic	0.134	D.F.	1	Prob.	0.7147, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Home Study	1309	221	1088	83.12	5.9840	
In-Class	1286	229	1057	82.19	-6.0910	

Table B4.a

Control Group Survival Data for Age Less Than 25 Years: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	475.0	5.0	472.5	8.0	0.0169	0.9831	0.9831	0.006
30.0	462.0	15.0	454.5	5.0	0.0110	0.9890	0.9723	0.008
60.0	442.0	11.0	436.5	7.0	0.0160	0.9840	0.9567	0.009
90.0	424.0	16.0	416.0	3.0	0.0072	0.9928	0.9498	0.010
120.0	405.0	10.0	400.0	2.0	0.0050	0.9950	0.9450	0.011
150.0	393.0	37.0	374.5	2.0	0.0053	0.9947	0.9400	0.011
180.0	354.0	20.0	344.0	3.0	0.0087	0.9913	0.9318	0.012
210.0	331.0	30.0	316.0	2.0	0.0063	0.9937	0.9259	0.013
240.0	299.0	29.0	284.5	2.0	0.0070	0.9930	0.9194	0.013
270.0	268.0	17.0	259.5	0.0	0.0	1.0000	0.9194	0.013
300.0	251.0	16.0	243.0	3.0	0.0123	0.9877	0.9080	0.015
330.0	232.0	25.0	219.5	2.0	0.0091	0.9909	0.8997	0.016
360.0	205.0	26.0	192.0	3.0	0.0156	0.9844	0.8857	0.017
390.0	176.0	20.0	166.0	0.0	0.0	1.0000	0.8857	0.017
420.0	156.0	20.0	146.0	0.0	0.0	1.0000	0.8857	0.017
450.0	136.0	13.0	129.5	0.0	0.0	1.0000	0.8857	0.017
480.0	123.0	17.0	114.5	0.0	0.0	1.0000	0.8857	0.017
510.0	106.0	11.0	100.5	0.0	0.0	1.0000	0.8857	0.017
540.0	95.0	18.0	86.0	0.0	0.0	1.0000	0.8857	0.017
570.0	77.0	11.0	71.5	1.0	0.0140	0.9860	0.8733	0.021
600.0	65.0	11.0	59.5	0.0	0.0	1.0000	0.8733	0.021
630.0	54.0	14.0	47.0	0.0	0.0	1.0000	0.8733	0.021
660.0	40.0	16.0	32.0	0.0	0.0	1.0000	0.8733	0.021
690.0	24.0	5.0	21.5	1.0	0.0465	0.9535	0.8327	0.045
720.0	18.0	12.0	12.0	0.0	0.0	1.0000	0.8327	0.045
750.0+	6.0	6.0	3.0	0.0	0.0	1.0000	0.8327	0.045

Table B4.b

Home Study Group Survival Data for Age Less Than 25 Years: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	484.0	5.0	481.5	8.0	0.0166	0.9834	0.9834	0.006
30.0	471.0	20.0	461.0	7.0	0.0152	0.9848	0.9685	0.008
60.0	444.0	20.0	434.0	6.0	0.0138	0.9862	0.9551	0.010
90.0	418.0	11.0	412.5	6.0	0.0145	0.9855	0.9412	0.011
120.0	401.0	21.0	390.5	6.0	0.0154	0.9846	0.9267	0.012
150.0	374.0	19.0	364.5	4.0	0.0110	0.9890	0.9165	0.013
180.0	351.0	25.0	338.5	4.0	0.0118	0.9882	0.9057	0.014
210.0	322.0	27.0	308.5	1.0	0.0032	0.9968	0.9028	0.014
240.0	294.0	29.0	279.5	5.0	0.0179	0.9821	0.8866	0.016
270.0	260.0	20.0	250.0	2.0	0.0080	0.9920	0.8795	0.016
300.0	238.0	19.0	228.5	0.0	0.0	1.0000	0.8795	0.016
330.0	219.0	20.0	209.0	0.0	0.0	1.0000	0.8795	0.016
360.0	199.0	25.0	186.5	1.0	0.0054	0.9946	0.8748	0.017
390.0	173.0	24.0	161.0	2.0	0.0124	0.9876	0.8639	0.018
420.0	147.0	12.0	141.0	1.0	0.0071	0.9929	0.8578	0.019
450.0	134.0	16.0	126.0	1.0	0.0079	0.9921	0.8510	0.020
480.0	117.0	14.0	110.0	1.0	0.0091	0.9909	0.8433	0.022
510.0	102.0	13.0	95.5	0.0	0.0	1.0000	0.8433	0.022
540.0	89.0	9.0	84.5	1.0	0.0118	0.9882	0.8333	0.024
570.0	79.0	18.0	70.0	0.0	0.0	1.0000	0.8333	0.024
600.0	61.0	16.0	53.0	0.0	0.0	1.0000	0.8333	0.024
630.0	45.0	8.0	41.0	0.0	0.0	1.0000	0.8333	0.024
660.0	37.0	3.0	35.5	0.0	0.0	1.0000	0.8333	0.024
690.0	34.0	12.0	28.0	1.0	0.0357	0.9643	0.8035	0.037
720.0	21.0	12.0	15.0	0.0	0.0	1.0000	0.8035	0.037
750.0+	9.0	9.0	4.5	0.0	0.0	1.0000	0.8035	0.037

Table B4.c

In-Class Group Survival Data For Age Less Than 25 Years: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	475.0	1.0	474.5	11.0	0.0232	0.9768	0.9768	0.007
30.0	463.0	11.0	457.5	7.0	0.0153	0.9847	0.9619	0.009
60.0	445.0	24.0	433.0	6.0	0.0139	0.9861	0.9485	0.010
90.0	415.0	16.0	407.0	6.0	0.0147	0.9853	0.9346	0.012
120.0	393.0	14.0	386.0	3.0	0.0078	0.9922	0.9273	0.012
150.0	376.0	29.0	361.5	1.0	0.0028	0.9972	0.9247	0.012
180.0	346.0	26.0	333.0	4.0	0.0120	0.9880	0.9136	0.013
210.0	316.0	26.0	303.0	1.0	0.0033	0.9967	0.9106	0.014
240.0	289.0	21.0	278.5	7.0	0.0251	0.9749	0.8877	0.016
270.0	261.0	27.0	247.5	1.0	0.0040	0.9960	0.8841	0.016
300.0	233.0	18.0	224.0	3.0	0.0134	9.9866	0.8723	0.017
330.0	212.0	18.0	203.0	1.0	0.0049	0.9951	0.8680	0.018
360.0	193.0	29.0	178.5	3.0	0.0168	0.9832	0.8534	0.019
390.0	161.0	21.0	150.5	4.0	0.0266	0.9734	0.8307	0.022
420.0	136.0	15.0	128.5	2.0	0.0156	0.9844	0.8178	0.023
450.0	119.0	11.0	113.5	0.0	0.0	1.0000	0.8178	0.023
480.0	108.0	13.0	101.5	0.0	0.0	1.0000	0.8178	0.023
510.0	95.0	9.0	90.5	1.0	0.0110	0.9890	0.8088	0.025
540.0	85.0	10.0	80.0	1.0	0.0125	0.9875	0.7987	0.027
570.0	74.0	12.0	68.0	0.0	0.0	1.0000	0.7987	0.027
600.0	62.0	10.0	57.0	0.0	0.0	1.0000	0.7987	0.027
630.0	52.0	11.0	46.5	0.0	0.0	1.0000	0.7987	0.027
660.0	41.0	8.0	37.0	0.0	0.0	1.0000	0.7987	0.027
690.0	33.0	10.0	28.0	0.0	0.0	1.0000	0.7987	0.027
720.0	23.0	14.0	16.0	0.0	0.0	1.0000	0.7987	0.027
750.0+	9.0	9.0	4.5	0.0	0.0	1.0000	0.7987	0.027

Table B4.d

Comparison of First Offender Treatment Groups For Age Less Than 25 Years Using The Lee-Desu Statistic: First Accident

Overall Comparison	Statistic	2.681	D.F.	2	Prob. 0.2618, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	475	44	431	90.74	22.589
Home Study	484	57	427	88.22	-7.1178
In-Class	475	62	413	86.95	-15.337

Pairwise Comparison	Statistic	1.563	D.F.	1	Prob. 0.2113, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	475	44	431	90.74	9.9874
Home Study	484	57	427	88.22	-9.8017

Pairwise Comparison	Statistic	2.482	D.F.	1	Prob. 0.1151, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	475	44	431	90.74	12.602
In-Class	475	62	413	86.95	-12.602

Pairwise Comparison	Statistic	0.104	D.F.	1	Prob. 0.7465, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Home Study	484	57	427	88.22	2.6839
In-Class	475	62	413	86.95	-2.7347

Table B5.a

Control Group Survival Data For Age Less Than 25 Years: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	475.0	5.0	472.5	7.0	0.0148	0.9852	0.9852	0.006
30.0	463.0	16.0	455.0	5.0	0.0110	0.9890	0.9744	0.007
60.0	442.0	11.0	436.5	5.0	0.0115	0.9885	0.9632	0.009
90.0	426.0	16.0	418.0	3.0	0.0072	0.9928	0.9563	0.010
120.0	407.0	10.0	402.0	1.0	0.0025	0.9975	0.9539	0.010
150.0	396.0	39.0	376.5	5.0	0.0133	0.9867	0.9412	0.011
180.0	352.0	19.0	342.5	1.0	0.0029	0.9971	0.9385	0.012
210.0	332.0	32.0	316.0	0.0	0.0	1.0000	0.9385	0.012
240.0	300.0	30.0	285.0	1.0	0.0035	0.9965	0.9352	0.012
270.0	269.0	19.0	259.5	1.0	0.0039	0.9961	0.9316	0.012
300.0	249.0	18.0	240.0	2.0	0.0083	0.9917	0.9238	0.013
330.0	229.0	26.0	216.0	1.0	0.0046	0.9954	0.9196	0.014
360.0	202.0	24.0	190.0	0.0	0.0	1.0000	0.9196	0.014
390.0	178.0	21.0	167.5	0.0	0.0	1.0000	0.9196	0.014
420.0	157.0	22.0	146.0	2.0	0.0137	0.9863	0.9070	0.016
450.0	133.0	18.0	124.0	1.0	0.0081	0.9919	0.8996	0.018
480.0	114.0	15.0	106.5	0.0	0.0	1.0000	0.8996	0.018
510.0	99.0	11.0	93.5	0.0	0.0	1.0000	0.8996	0.018
540.0	88.0	17.0	79.5	0.0	0.0	1.0000	0.8996	0.018
570.0	71.0	13.0	64.5	0.0	0.0	1.0000	0.8996	0.018
600.0	58.0	10.0	53.0	0.0	0.0	1.0000	0.8996	0.018
630.0	48.0	15.0	40.5	0.0	0.0	1.0000	0.8996	0.018
660.0	33.0	14.0	26.0	0.0	0.0	1.0000	0.8996	0.018
690.0	19.0	4.0	17.0	0.0	0.0	1.0000	0.8996	0.018
720.0	15.0	11.0	9.5	0.0	0.0	1.0000	0.8996	0.018
750.0+	4.0	4.0	2.0	0.0	0.0	1.0000	0.8996	0.018

Table B5.b

Home Study Group Survival Data For Age Less Than 25 Years: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	484.0	5.0	481.5	5.0	0.0104	0.9896	0.9896	0.005
30.0	474.0	20.0	464.0	4.0	0.0086	0.9914	0.9811	0.006
60.0	450.0	20.0	440.0	8.0	0.0182	0.9818	0.9632	0.009
90.0	422.0	11.0	416.5	5.0	0.0120	0.9880	0.9517	0.010
120.0	406.0	22.0	395.0	2.0	0.0051	0.9949	0.9469	0.011
150.0	382.0	20.0	372.0	3.0	0.0081	0.9919	0.9392	0.011
180.0	359.0	25.0	346.5	4.0	0.0115	0.9885	0.9284	0.012
210.0	330.0	27.0	316.5	1.0	0.0032	0.9968	0.9255	0.013
240.0	302.0	29.0	287.5	1.0	0.0035	0.9965	0.9222	0.013
270.0	272.0	18.0	263.0	1.0	0.0038	0.9962	0.9187	0.014
300.0	253.0	21.0	242.5	0.0	0.0	1.0000	0.9187	0.014
330.0	232.0	23.0	220.5	0.0	0.0	1.0000	0.9187	0.014
360.0	209.0	25.0	196.5	0.0	0.0	1.0000	0.9187	0.014
390.0	184.0	27.0	170.5	1.0	0.0059	0.9941	0.9133	0.014
420.0	156.0	11.0	150.5	1.0	0.0066	0.9934	0.9073	0.016
450.0	144.0	17.0	135.5	1.0	0.0074	0.9926	0.9006	0.017
480.0	126.0	13.0	119.5	0.0	0.0	1.0000	0.9006	0.017
510.0	113.0	16.0	105.0	0.0	0.0	1.0000	0.9006	0.017
540.0	97.0	11.0	91.5	1.0	0.0109	0.9891	0.8907	0.019
570.0	85.0	17.0	76.5	0.0	0.0	1.0000	0.8907	0.019
600.0	68.0	19.0	58.5	0.0	0.0	1.0000	0.8907	0.019
630.0	49.0	10.0	44.0	0.0	0.0	1.0000	0.8907	0.019
660.0	39.0	4.0	37.0	0.0	0.0	1.0000	0.8907	0.019
690.0	35.0	10.0	30.0	0.0	0.0	1.0000	0.8907	0.019
720.0	25.0	15.0	17.5	0.0	0.0	1.0000	0.8907	0.019
750.0+	10.0	10.0	5.0	0.0	0.0	1.0000	0.8907	0.019

Table B5.c

In-Class Group Survival Data For Age Less Than 25 Years: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	475.0	1.0	484.5	5.0	0.0105	0.9895	0.9895	0.005
30.0	469.0	11.0	463.5	8.0	0.0173	0.9827	0.9724	0.008
60.0	450.0	24.0	438.0	2.0	0.0046	0.9954	0.9679	0.008
90.0	424.0	16.0	416.0	5.0	0.0120	0.9880	0.9563	0.010
120.0	403.0	15.0	395.5	1.0	0.0025	0.9975	0.9539	0.010
150.0	387.0	32.0	371.0	5.0	0.0135	0.9865	0.9410	0.011
180.0	350.0	25.0	337.5	0.0	0.0	1.0000	0.9410	0.011
210.0	325.0	26.0	312.0	3.0	0.0096	0.9904	0.9320	0.012
240.0	296.0	21.0	285.5	1.0	0.0035	0.9965	0.9287	0.013
270.0	274.0	30.0	259.0	0.0	0.0	1.0000	0.9287	0.013
300.0	244.0	20.0	234.0	1.0	0.0043	0.9957	0.9248	0.013
330.0	223.0	22.0	212.0	1.0	0.0047	0.9953	0.9204	0.014
360.0	200.0	30.0	185.0	0.0	0.0	1.0000	0.9204	0.014
390.0	170.0	22.0	159.0	2.0	0.0126	0.9874	0.9088	0.016
420.0	146.0	16.0	138.0	0.0	0.0	1.0000	0.9088	0.016
450.0	130.0	13.0	123.5	0.0	0.0	1.0000	0.9088	0.016
480.0	117.0	17.0	108.5	0.0	0.0	1.0000	0.9088	0.016
510.0	100.0	14.0	93.0	0.0	0.0	1.0000	0.9088	0.016
540.0	86.0	7.0	82.5	0.0	0.0	1.0000	0.9088	0.016
570.0	79.0	12.0	73.0	0.0	0.0	1.0000	0.9088	0.016
600.0	67.0	12.0	61.0	0.0	0.0	1.0000	0.9088	0.016
630.0	55.0	12.0	49.0	0.0	0.0	1.0000	0.9088	0.016
660.0	43.0	8.0	39.0	0.0	0.0	1.0000	0.9088	0.016
690.0	35.0	12.0	29.0	0.0	0.0	1.0000	0.9088	0.016
720.0	23.0	15.0	15.5	0.0	0.0	1.0000	0.9088	0.016
750.0+	8.0	8.0	4.0	0.0	0.0	1.0000	0.9088	0.016

Table B5.d

Comparison of First Offender Treatment Groups For Age Less Than 25 Years, Using the Lee-Desu Statistic: First DUI or Reckless Driving Offense

Overall Comparison	Statistic	0.128	D.F.	2	Prob.	0.9382, NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Control	475	35	440	92.63	2.1368		
Home Study	484	38	446	92.15	-4.2810		
In-Class	475	34	441	92.84	2.2253		
Pairwise Comparison	Statistic	0.091	D.F.	1	Prob.	0.7628, NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Control	475	35	440	92.63	2.1389		
Home Study	484	38	446	92.15	-2.0992		
Pairwise Comparison	Statistic	0.000	D.F.	1	Prob.	0.9998, NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Control	475	35	440	92.63	-0.21053E-02		
In-Class	475	34	441	92.84	0.21053E-02		
Pairwise Comparison	Statistic	0.098	D.F.	1	Prob.	0.7540, NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Home Study	484	38	446	92.15	-2.1818		
In-Class	475	34	441	92.84	2.2232		

Table B6.a

Control Group Survival Data for Age Less Than 25 Years:
First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-Nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Surv-iving
0.0	475.0	5.0	472.5	20.0	0.0423	0.9577	0.9577	0.009
30.0	450.0	16.0	442.0	14.0	0.0317	0.9683	0.9273	0.012
60.0	420.0	10.0	415.0	9.0	0.0217	0.9783	0.9072	0.013
90.0	401.0	16.0	393.0	10.0	0.0254	0.9746	0.8841	0.015
120.0	375.0	9.0	370.5	13.0	0.0351	0.9649	0.8531	0.017
150.0	353.0	39.0	333.5	6.0	0.0180	0.9820	0.8378	0.018
180.0	308.0	19.0	298.5	8.0	0.0268	0.9732	0.8153	0.019
210.0	281.0	29.0	266.5	4.0	0.0150	0.9850	0.8031	0.020
240.0	248.0	25.0	235.5	6.0	0.0255	0.9745	0.7826	0.021
270.0	217.0	19.0	207.5	2.0	0.0096	0.9904	0.7751	0.021
300.0	196.0	16.0	188.0	3.0	0.0160	0.9840	0.7627	0.022
330.0	177.0	21.0	166.5	4.0	0.0240	0.9760	0.7444	0.023
360.0	152.0	18.0	143.0	0.0	0.0	1.0000	0.7444	0.023
390.0	134.0	17.0	125.5	1.0	0.0080	0.9920	0.7385	0.024
420.0	116.0	17.0	107.5	1.0	0.0093	0.9907	0.7316	0.025
450.0	98.0	17.0	89.5	1.0	0.0112	0.9888	0.7234	0.026
480.0	80.0	12.0	74.0	0.0	0.0	1.0000	0.7234	0.026
510.0	68.0	8.0	64.0	2.0	0.0313	0.9688	0.7008	0.029
540.0	58.0	12.0	52.0	0.0	0.0	1.0000	0.7008	0.029
570.0	46.0	8.0	42.0	0.0	0.0	1.0000	0.7008	0.029
600.0	38.0	6.0	35.0	0.0	0.0	1.0000	0.7008	0.029
630.0	32.0	10.0	27.0	0.0	0.0	1.0000	0.7008	0.029
660.0	22.0	9.0	17.5	0.0	0.0	1.0000	0.7008	0.029
690.0	13.0	3.0	11.5	0.0	0.0	1.0000	0.7008	0.029
720.0	10.0	6.0	7.0	0.0	0.0	1.0000	0.7008	0.029
750.0+	4.0	4.0	2.0	0.0	0.0	1.0000	0.7008	0.029

Table B6.b

Home Study Group Survival Data for Age Less Than 25 Years:
First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Surv-iving
0.0	484.0	5.0	481.5	16.0	0.0332	0.9668	0.9668	0.008
30.0	463.0	20.0	453.0	17.0	0.0375	0.9625	0.9305	0.012
60.0	426.0	20.0	416.0	16.0	0.0385	0.9615	0.8947	0.014
90.0	390.0	11.0	384.5	15.0	0.0390	0.9610	0.8598	0.016
120.0	364.0	22.0	353.0	7.0	0.0198	0.9802	0.8427	0.017
150.0	335.0	20.0	325.0	12.0	0.0369	0.9631	0.8116	0.017
180.0	303.0	23.0	291.5	6.0	0.0206	0.9794	0.7949	0.020
210.0	274.0	27.0	260.5	6.0	0.0230	0.9770	0.7766	0.021
240.0	241.0	26.0	228.0	4.0	0.0175	0.9825	0.7630	0.021
270.0	211.0	15.0	203.5	0.0	0.0	1.0000	0.7630	0.021
300.0	196.0	20.0	186.0	2.0	0.0108	0.9892	0.7548	0.022
330.0	174.0	22.0	163.0	1.0	0.0061	0.9939	0.7502	0.022
360.0	151.0	19.0	141.5	2.0	0.0141	0.9859	0.7396	0.023
390.0	130.0	22.0	119.0	2.0	0.0168	0.9832	0.7271	0.024
420.0	106.0	8.0	102.0	1.0	0.0098	0.9902	0.7200	0.025
450.0	97.0	14.0	90.0	1.0	0.0111	0.9889	0.7120	0.026
480.0	82.0	12.0	76.0	0.0	0.0	1.0000	0.7120	0.026
510.0	70.0	11.0	64.5	2.0	0.0310	0.9690	0.6899	0.030
540.0	57.0	7.0	53.5	1.0	0.0187	0.9813	0.6770	0.032
570.0	49.0	13.0	42.5	0.0	0.0	1.0000	0.6770	0.032
600.0	36.0	11.0	30.5	0.0	0.0	1.0000	0.6770	0.032
630.0	25.0	6.0	22.0	0.0	0.0	1.0000	0.6770	0.032
660.0	19.0	1.0	18.5	0.0	0.0	1.0000	0.6770	0.032
690.0	18.0	5.0	15.5	0.0	0.0	1.0000	0.6770	0.032
720.0	13.0	9.0	8.5	0.0	0.0	1.0000	0.6770	0.032
750.0+	4.0	4.0	2.0	0.0	0.0	1.0000	0.6770	0.032

Table B6.c

In-Class Group Survival Data For Age Less Than 25 Years:
First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Surv-iving
0.0	475.0	1.0	474.5	20.0	0.0421	0.9579	0.9579	0.009
30.0	454.0	11.0	448.5	18.0	0.0401	0.9599	0.9194	0.013
60.0	425.0	24.0	413.0	10.0	0.0242	0.9758	0.8971	0.014
90.0	391.0	16.0	383.0	12.0	0.0313	0.9687	0.8690	0.016
120.0	363.0	15.0	355.5	12.0	0.0338	0.9662	0.8397	0.017
150.0	336.0	31.0	320.5	7.0	0.0218	0.9782	0.8214	0.018
180.0	298.0	23.0	286.5	4.0	0.0140	0.9860	0.8099	0.019
210.0	271.0	23.0	259.5	6.0	0.0231	0.9769	0.7912	0.020
240.0	242.0	17.0	233.5	5.0	0.0214	0.9786	0.7742	0.021
270.0	220.0	27.0	206.5	2.0	0.0097	0.9903	0.7667	0.021
300.0	191.0	18.0	182.0	2.0	0.0110	0.9890	0.7583	0.022
330.0	171.0	20.0	161.0	2.0	0.0124	0.9876	0.7489	0.023
360.0	149.0	26.0	136.0	4.0	0.0294	0.9706	0.7269	0.025
390.0	119.0	17.0	110.5	2.0	0.0181	0.9819	0.7137	0.026
420.0	100.0	12.0	94.0	0.0	0.0	1.0000	0.7137	0.026
450.0	88.0	11.0	82.5	0.0	0.0	1.0000	0.7137	0.026
480.0	77.0	13.0	70.5	0.0	0.0	1.0000	0.7137	0.026
510.0	64.0	11.0	58.5	1.0	0.0171	0.9829	0.7015	0.028
540.0	52.0	4.0	50.0	2.0	0.0400	0.9600	0.6734	0.033
570.0	46.0	8.0	42.0	0.0	0.0	1.0000	0.6734	0.033
600.0	38.0	8.0	34.0	0.0	0.0	1.0000	0.6734	0.033
630.0	30.0	9.0	25.5	0.0	0.0	1.0000	0.6734	0.033
660.0	21.0	5.0	18.5	0.0	0.0	1.0000	0.6734	0.033
690.0	16.0	7.0	12.5	0.0	0.0	1.0000	0.6734	0.033
720.0	9.0	6.0	6.0	0.0	0.0	1.0000	0.6734	0.033
750.0+	3.0	3.0	1.5	0.0	0.0	1.0000	0.6734	0.033

Table B6.d

Comparison of First Offender Treatment Groups for Age Less Than 25 Years, Using the Lee-Desu Statistic: First Moving Violation or Any A/R Offense

Overall Comparison	Statistic	0.332	D.F.	2	Prob.	0.8469,NS
Group Name	Total N	UNCEN	CEN	PCT CEN		Mean Score
Control	475	104	371	78.11		11.215
Home Study	484	111	373	77.07		-7.0351
In-Class	475	109	366	77.05		-4.0463
Pairwise Comparison	Statistic	0.288	D.F.	1	Prob.	0.5913,NS
Group Name	Total N	UNCEN	CEN	PCT CEN		Mean Score
Control	475	104	371	78.11		6.1095
Home Study	484	111	373	77.07		-5.9959
Pairwise Comparison	Statistic	0.205	D.F.	1	Prob.	0.6507,NS
Group Name	Total N	UNCEN	CEN	PCT CEN		Mean Score
Control	475	104	371	78.11		5.1053
In-Class	475	109	366	77.05		-5.1053
Pairwise Comparison	Statistic	0.0008	D.F.	1	Prob.	0.9266,NS
Group Name	Total N	UNCEN	CEN	PCT CEN		Mean Score
Home Study	484	111	373	77.07		-1.0393
In-Class	475	109	366	77.05		1.0589

Table B7.a

Control Group Survival Data For Age 25 Years or Older: First Accident

Intvl Start Time (Days)	Number Entrng This Inyvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	795.0	8.0	791.0	5.0	0.0063	0.9937	0.9937	0.003
30.0	782.0	28.0	768.0	4.0	0.0052	0.9948	0.9885	0.004
60.0	750.0	25.0	737.5	5.0	0.0068	0.9932	0.9818	0.005
90.0	720.0	29.0	705.5	5.0	0.0071	0.9929	0.9748	0.006
120.0	686.0	37.0	667.5	5.0	0.0075	0.9925	0.9675	0.007
150.0	644.0	42.0	623.0	7.0	0.0112	0.9888	0.9567	0.008
180.0	595.0	50.0	570.0	4.0	0.0070	0.9930	0.9500	0.008
210.0	541.0	63.0	509.5	2.0	0.0039	0.9961	0.9462	0.009
240.0	476.0	46.0	453.0	3.0	0.0066	0.9934	0.9400	0.009
270.0	427.0	31.0	411.5	2.0	0.0049	0.9951	0.9354	0.010
300.0	394.0	35.0	376.5	3.0	0.0080	0.9920	0.9279	0.011
330.0	356.0	27.0	342.5	1.0	0.0029	0.9971	0.9252	0.011
360.0	328.0	42.0	307.0	3.0	0.0098	0.9902	0.9162	0.012
390.0	283.0	37.0	264.5	1.0	0.0038	0.9962	0.9127	0.012
420.0	245.0	24.0	233.0	3.0	0.0129	0.9871	0.9010	0.014
450.0	218.0	26.0	205.0	2.0	0.0098	0.9902	0.8922	0.015
480.0	190.0	28.0	176.0	1.0	0.0057	0.9943	0.8871	0.016
510.0	161.0	21.0	150.5	1.0	0.0066	0.9934	0.8812	0.017
540.0	139.0	24.0	127.0	0.0	0.0	1.0000	0.8812	0.017
570.0	115.0	24.0	103.0	0.0	0.0	1.0000	0.8812	0.017
600.0	91.0	18.0	82.0	0.0	0.0	1.0000	0.8812	0.017
630.0	73.0	12.0	67.0	0.0	0.0	1.0000	0.8812	0.017
660.0	61.0	17.0	52.5	0.0	0.0	1.0000	0.8812	0.017
690.0	44.0	14.0	37.0	0.0	0.0	1.0000	0.8812	0.017
720.0	30.0	22.0	19.0	0.0	0.0	1.0000	0.8812	0.017
750.0+	8.0	8.0	4.0	0.0	0.0	1.0000	0.8812	0.017

Table B7.b

Home Study Group Survival Data For Age 25 Years or Older: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	825.0	7.0	821.5	3.0	0.0037	0.9963	0.9963	0.002
30.0	815.0	23.0	803.5	10.0	0.0124	0.9876	0.9839	0.004
60.0	782.0	27.0	768.5	8.0	0.0104	0.9896	0.9737	0.006
90.0	747.0	33.0	730.5	4.0	0.0055	0.9945	0.9684	0.006
120.0	710.0	34.0	693.0	2.0	0.0029	0.9971	0.9656	0.007
150.0	674.0	42.0	653.0	8.0	0.0123	0.9877	0.9537	0.008
180.0	624.0	56.0	596.0	1.0	0.0017	0.9983	0.9521	0.008
210.0	567.0	49.0	542.5	3.0	0.0055	0.9945	0.9469	0.008
240.0	515.0	41.0	494.5	1.0	0.0020	0.9980	0.9450	0.009
270.0	473.0	36.0	455.0	3.0	0.0066	0.9934	0.9387	0.009
300.0	434.0	29.0	419.5	1.0	0.0024	0.9976	0.9365	0.009
330.0	404.0	36.0	386.0	5.0	0.0130	0.9870	0.9244	0.011
360.0	363.0	46.0	340.0	0.0	0.0	1.0000	0.9244	0.011
390.0	317.0	42.0	296.0	4.0	0.0135	0.9865	0.9119	0.012
420.0	271.0	29.0	256.5	0.0	0.0	1.0000	0.9119	0.012
450.0	242.0	19.0	232.5	1.0	0.0043	0.9957	0.9080	0.013
480.0	222.0	33.0	205.5	2.0	0.0097	0.9903	0.8991	0.014
510.0	187.0	22.0	176.0	1.0	0.0057	0.9943	0.8940	0.015
540.0	164.0	28.0	150.0	0.0	0.0	1.0000	0.8940	0.015
570.0	136.0	30.0	121.0	0.0	0.0	1.0000	0.8940	0.015
600.0	106.0	31.0	90.5	0.0	0.0	1.0000	0.8940	0.015
630.0	75.0	14.0	68.0	0.0	0.0	1.0000	0.8940	0.015
660.0	61.0	18.0	52.0	0.0	0.0	1.0000	0.8940	0.015
690.0	43.0	13.0	36.5	0.0	0.0	1.0000	0.8940	0.015
720.0	30.0	23.0	18.5	0.0	0.0	1.0000	0.8940	0.015
750.0+	7.0	7.0	3.5	0.0	0.0	1.0000	0.8940	0.015

Table B7.c

In-Class Group Survival Data For Age 25 Years or Older: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	811.0	4.0	809.0	7.0	0.0087	0.9913	0.9913	0.003
30.0	800.0	24.0	788.0	2.0	0.0025	0.9975	0.9888	0.004
60.0	774.0	27.0	760.5	4.0	0.0053	0.9947	0.9836	0.005
90.0	743.0	21.0	732.5	2.0	0.0027	0.9973	0.9809	0.005
120.0	720.0	44.0	698.0	3.0	0.0043	0.9957	0.9767	0.005
150.0	673.0	51.0	647.5	3.0	0.0046	0.9954	0.9722	0.006
180.0	619.0	46.0	596.0	4.0	0.0067	0.9933	0.9657	0.007
210.0	569.0	58.0	540.0	2.0	0.0037	0.9963	0.9621	0.007
240.0	509.0	56.0	481.0	2.0	0.0042	0.9958	0.9581	0.008
270.0	451.0	29.0	436.5	7.0	0.0160	0.9840	0.9427	0.010
300.0	415.0	37.0	396.5	3.0	0.0076	0.9924	0.9356	0.010
330.0	375.0	21.0	364.5	2.0	0.0055	0.9945	0.9305	0.011
360.0	352.0	49.0	327.5	3.0	0.0092	0.9908	0.9219	0.012
390.0	300.0	30.0	285.0	2.0	0.0070	0.9930	0.9155	0.013
420.0	268.0	28.0	254.0	0.0	0.0	1.0000	0.9155	0.013
450.0	240.0	24.0	228.0	2.0	0.0088	0.9912	0.9074	0.014
480.0	214.0	27.0	200.5	0.0	0.0	1.0000	0.9074	0.014
510.0	187.0	18.0	178.0	0.0	0.0	1.0000	0.9074	0.014
540.0	169.0	22.0	158.0	0.0	0.0	1.0000	0.9074	0.014
570.0	147.0	31.0	131.5	0.0	0.0	1.0000	0.9074	0.014
600.0	116.0	19.0	106.5	0.0	0.0	1.0000	0.9074	0.014
630.0	97.0	23.0	85.5	0.0	0.0	1.0000	0.9074	0.014
660.0	74.0	19.0	64.5	0.0	0.0	1.0000	0.9074	0.014
690.0	55.0	17.0	46.5	0.0	0.0	1.0000	0.9074	0.014
720.0	38.0	23.0	26.5	0.0	0.0	1.0000	0.9074	0.014
750.0+	15.0	15.0	7.5	0.0	0.0	1.0000	0.9074	0.014

Table B7.d

Comparison of First Offender Treatment Groups For Age 25 Years or Older, Using The Lee-Desu Statistic: First Accident

Overall Comparison	Statistic	1.440	D.F.	2	Prob.	0.4868, NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Control	795	57	738	92.83	-9.1862		
Home Study	825	57	768	93.09	-7.0085		
In-Class	811	48	763	94.08	16.134		
Pairwise Comparison	Statistic	0.007	D.F	1	Prob.	0.9344, NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Control	795	57	738	92.83	-0.67547		
Home Study	825	57	768	93.09	0.65091		
Pairwise Comparison	Statistic	1.243	D.F	1	Prob.	0.2648, NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Control	795	57	738	92.83	-8.5107		
In-Class	811	48	763	94.08	8.3428		
Pairwise Comparison	Statistic	0.995	D.F.	1	Prob.	0.3186, NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Home Study	825	57	768	93.09	-7.6594		
In-Class	811	48	763	94.08	7.7916		

Table B8.a

Control Group Survival Data For Age 25 Years or Older: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	795.0	8.0	791.0	5.0	0.0063	0.9937	0.9937	0.003
30.0	782.0	28.0	768.0	9.0	0.0117	0.9883	0.9820	0.005
60.0	745.0	26.0	732.0	5.0	0.0068	0.9932	0.9753	0.006
90.0	714.0	29.0	699.5	3.0	0.0043	0.9957	0.9711	0.006
120.0	682.0	37.0	663.5	5.0	0.0075	0.9925	0.9638	0.007
150.0	640.0	42.0	619.0	3.0	0.0048	0.9952	0.9592	0.007
180.0	595.0	52.0	569.0	4.0	0.0070	0.9930	0.9524	0.008
210.0	539.0	62.0	508.0	4.0	0.0079	0.9921	0.9449	0.009
240.0	473.0	46.0	450.0	2.0	0.0044	0.9956	0.9407	0.009
270.0	425.0	33.0	408.5	2.0	0.0049	0.9951	0.9361	0.010
300.0	390.0	37.0	371.5	1.0	0.0027	0.9973	0.9336	0.010
330.0	352.0	27.0	338.5	1.0	0.0030	0.9970	0.9308	0.010
360.0	324.0	38.0	305.0	2.0	0.0066	0.9934	0.9247	0.011
390.0	284.0	38.0	265.0	0.0	0.0	1.0000	0.9247	0.011
420.0	246.0	22.0	235.0	1.0	0.0043	0.9957	0.9208	0.012
450.0	223.0	29.0	208.5	0.0	0.0	1.0000	0.9208	0.012
480.0	194.0	27.0	180.5	0.0	0.0	1.0000	0.9208	0.012
510.0	167.0	20.0	157.0	0.0	0.0	1.0000	0.9208	0.012
540.0	147.0	24.0	135.0	0.0	0.0	1.0000	0.9208	0.012
570.0	123.0	26.0	110.0	0.0	0.0	1.0000	0.9208	0.012
600.0	97.0	21.0	86.5	0.0	0.0	1.0000	0.9208	0.012
630.0	76.0	13.0	69.5	0.0	0.0	1.0000	0.9208	0.012
660.0	63.0	18.0	54.0	0.0	0.0	1.0000	0.9208	0.012
690.0	45.0	15.0	37.5	0.0	0.0	1.0000	0.9208	0.012
720.0	30.0	19.0	20.5	0.0	0.0	1.0000	0.9208	0.012
750.0+	11.0	11.0	5.5	0.0	0.0	1.0000	0.9208	0.012

Table B8.b

Home Study Group Survival Data For Age 25 Years or Older: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	825.0	7.0	821.5	4.0	0.0049	0.9951	0.9951	0.002
30.0	814.0	23.0	802.5	10.0	0.0125	0.9875	0.9827	0.005
60.0	781.0	27.0	767.5	4.0	0.0052	0.9948	0.9776	0.005
90.0	750.0	33.0	733.5	3.0	0.0041	0.9959	0.9736	0.006
120.0	714.0	34.0	697.0	0.0	0.0	1.0000	0.9736	0.006
150.0	680.0	43.0	658.5	3.0	0.0046	0.9954	0.9692	0.006
180.0	634.0	56.0	606.0	4.0	0.0066	0.9934	0.9628	0.007
210.0	574.0	48.0	550.0	5.0	0.0091	0.9909	0.9540	0.008
240.0	521.0	46.0	498.0	2.0	0.0040	0.9960	0.9502	0.008
270.0	473.0	37.0	454.5	2.0	0.0044	0.9956	0.9460	0.009
300.0	434.0	26.0	421.0	1.0	0.0024	0.9976	0.9438	0.009
330.0	407.0	37.0	388.5	2.0	0.0051	0.9949	0.9389	0.010
360.0	368.0	47.0	344.5	0.0	0.0	1.0000	0.9389	0.010
390.0	321.0	46.0	298.0	0.0	0.0	1.0000	0.9389	0.010
420.0	275.0	29.0	260.5	0.0	0.0	1.0000	0.9389	0.010
450.0	246.0	20.0	236.0	0.0	0.0	1.0000	0.9389	0.010
480.0	226.0	33.0	209.5	0.0	0.0	1.0000	0.9389	0.010
510.0	193.0	22.0	182.0	0.0	0.0	1.0000	0.9389	0.010
540.0	171.0	31.0	155.5	1.0	0.0064	0.9936	0.9329	0.011
570.0	139.0	26.0	126.0	1.0	0.0079	0.9921	0.9255	0.013
600.0	112.0	32.0	96.0	0.0	0.0	1.0000	0.9255	0.013
630.0	80.0	16.0	72.0	0.0	0.0	1.0000	0.9255	0.013
660.0	64.0	18.0	55.0	0.0	0.0	1.0000	0.9255	0.013
690.0	46.0	16.0	38.0	0.0	0.0	1.0000	0.9255	0.013
720.0	30.0	21.0	19.5	0.0	0.0	1.0000	0.9255	0.013
750.0+	9.0	9.0	4.5	0.0	0.0	1.0000	0.9255	0.013

Table B8.c

In-Class Group Survival Data For Age 25 Years or Older: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	811.0	4.0	809.0	5.0	0.0062	0.9938	0.9938	0.003
30.0	802.0	24.0	790.0	5.0	0.0063	0.9937	0.9875	0.004
60.0	773.0	27.0	759.5	3.0	0.0039	0.9961	0.9836	0.005
90.0	743.0	21.0	732.5	6.0	0.0082	0.9918	0.9756	0.006
120.0	716.0	43.0	694.5	3.0	0.0043	0.9957	0.9714	0.006
150.0	670.0	53.0	643.5	3.0	0.0047	0.9953	0.9668	0.007
180.0	614.0	46.0	591.0	4.0	0.0068	0.9932	0.9603	0.007
210.0	564.0	59.0	534.5	0.0	0.0	1.0000	0.9603	0.007
240.0	505.0	55.0	477.5	2.0	0.0042	0.9958	0.9563	0.008
270.0	448.0	30.0	433.0	2.0	0.0046	0.9954	0.9518	0.008
300.0	416.0	37.0	397.5	2.0	0.0050	0.9950	0.9471	0.009
330.0	377.0	21.0	366.5	2.0	0.0055	0.9945	0.9419	0.010
360.0	354.0	45.0	331.5	1.0	0.0030	0.9970	0.9390	0.010
390.0	308.0	36.0	290.0	0.0	0.0	1.0000	0.9390	0.010
420.0	272.0	28.0	258.0	0.0	0.0	1.0000	0.9390	0.010
450.0	244.0	24.0	232.0	0.0	0.0	1.0000	0.9390	0.010
480.0	220.0	29.0	205.5	1.0	0.0049	0.9951	0.9345	0.011
510.0	190.0	17.0	181.5	1.0	0.0055	0.9945	0.9293	0.012
540.0	172.0	24.0	160.0	0.0	0.0	1.0000	0.9293	0.012
570.0	148.0	31.0	132.5	0.0	0.0	1.0000	0.9293	0.012
600.0	117.0	22.0	106.0	0.0	0.0	1.0000	0.9293	0.012
630.0	95.0	24.0	83.0	0.0	0.0	1.0000	0.9293	0.012
660.0	71.0	18.0	62.0	0.0	0.0	1.0000	0.9293	0.012
690.0	53.0	17.0	44.5	0.0	0.0	1.0000	0.9293	0.012
720.0	36.0	22.0	25.0	0.0	0.0	1.0000	0.9293	0.012
750.0+	14.0	14.0	7.0	0.0	0.0	1.0000	0.9293	0.012

Table B8.d

Comparison of First Offender Treatment Groups For Age 25 Years or Older, Using the Lee-Desu Statistic: First DUI or Reckless Driving Offense

Overall Comparison	Statistic	1.323	D.F.	2	Prob.	0.5161, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	795	47	748	94.09	-14.941	
Home Study	825	42	783	94.91	5.1103	
In-Class	811	40	771	95.07	9.4476	
Pairwise Comparison	Statistic	0.757	D.F.	1	Prob.	0.3842, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	795	47	748	94.09	-6.7849	
Home Study	825	42	783	94.91	6.5382	
Pairwise Comparison	Statistic	1.150	D.F.	1	Prob.	0.2835, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	795	47	748	94.09	-8.1560	
In-Class	811	40	771	95.07	7.9951	
Pairwise Comparison	Statistic	0.039	D.F.	1	Prob.	0.8439, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Home Study	825	42	783	94.91	-1.4279	
In-Class	811	40	771	95.07	1.4525	

Table B9.a

Control Group Survival Data For Age 25 Years or Older:
First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Surv-iving
0.0	795.0	8.0	791.0	18.0	0.0228	0.9772	0.9772	0.005
30.0	769.0	28.0	755.0	19.0	0.0252	0.9748	0.9527	0.008
60.0	722.0	26.0	709.0	9.0	0.0127	0.9873	0.9406	0.009
90.0	687.0	29.0	672.5	9.0	0.0134	0.9866	0.9280	0.009
120.0	649.0	36.0	631.0	10.0	0.0158	0.9842	0.9133	0.010
150.0	603.0	42.0	582.0	6.0	0.0103	0.9897	0.9038	0.011
180.0	555.0	50.0	530.0	7.0	0.0132	0.9868	0.8919	0.012
210.0	498.0	58.0	469.0	7.0	0.0149	0.9851	0.8786	0.013
240.0	433.0	46.0	410.0	7.0	0.0171	0.9829	0.8636	0.014
270.0	380.0	29.0	365.5	4.0	0.0109	0.9891	0.8541	0.014
300.0	347.0	34.0	330.0	3.0	0.0091	0.9909	0.8464	0.015
330.0	310.0	26.0	297.0	3.0	0.0101	0.9899	0.8378	0.015
360.0	281.0	37.0	262.5	4.0	0.0152	0.9848	0.8251	0.016
390.0	240.0	35.0	222.5	0.0	0.0	1.0000	0.8251	0.016
420.0	205.0	22.0	194.0	1.0	0.0052	0.9948	0.8208	0.017
450.0	182.0	24.0	170.0	0.0	0.0	1.0000	0.8208	0.017
480.0	158.0	26.0	145.0	0.0	0.0	1.0000	0.8208	0.017
510.0	132.0	18.0	123.0	1.0	0.0081	0.9919	0.8141	0.018
540.0	113.0	20.0	103.0	0.0	0.0	1.0000	0.8141	0.018
570.0	93.0	19.0	83.5	0.0	0.0	1.0000	0.8141	0.018
600.0	74.0	19.0	64.5	0.0	0.0	1.0000	0.8141	0.018
630.0	55.0	11.0	49.5	0.0	0.0	1.0000	0.8141	0.018
660.0	44.0	11.0	38.5	0.0	0.0	1.0000	0.8141	0.018
690.0	33.0	9.0	28.5	0.0	0.0	1.0000	0.8141	0.018
720.0	24.0	16.0	16.0	0.0	0.0	1.0000	0.8141	0.018
750.0+	8.0	8.0	4.0	0.0	0.0	1.0000	0.8141	0.018

Table B9.b

Home Study Group Survival Data For Age 25 Years or Older:
First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv-At End	SE of Cumul Surv-iving
0.0	825.0	7.0	821.5	11.0	0.0134	0.9866	0.9866	0.004
30.0	807.0	23.0	795.5	22.0	0.0277	0.9723	0.9593	0.007
60.0	762.0	27.0	748.5	10.0	0.0134	0.9866	0.9465	0.008
90.0	725.0	32.0	709.0	11.0	0.0155	0.9845	0.9318	0.009
120.0	682.0	34.0	665.0	9.0	0.0135	0.9865	0.9192	0.010
150.0	639.0	42.0	618.0	6.0	0.0097	0.9903	0.9103	0.010
180.0	591.0	54.0	564.0	8.0	0.0142	0.9858	0.8974	0.011
210.0	529.0	46.0	506.0	10.0	0.0198	0.9802	0.8796	0.012
240.0	473.0	46.0	450.0	9.0	0.0200	0.9800	0.8620	0.013
270.0	418.0	35.0	400.5	5.0	0.0125	0.9875	0.8513	0.014
300.0	378.0	25.0	375.5	2.0	0.0055	0.9945	0.8466	0.014
330.0	351.0	33.0	334.5	1.0	0.0030	0.9970	0.8441	0.015
360.0	317.0	46.0	294.0	1.0	0.0034	0.9966	0.8412	0.015
390.0	270.0	42.0	249.0	2.0	0.0080	0.9920	0.8345	0.015
420.0	226.0	27.0	212.5	0.0	0.0	1.0000	0.8345	0.015
450.0	199.0	19.0	189.5	0.0	0.0	1.0000	0.8345	0.015
480.0	180.0	31.0	164.5	0.0	0.0	1.0000	0.8345	0.015
510.0	149.0	18.0	140.0	1.0	0.0071	0.9929	0.8285	0.016
540.0	130.0	24.0	118.0	2.0	0.0169	0.9831	0.8145	0.019
570.0	104.0	19.0	94.5	0.0	0.0	1.0000	0.8145	0.019
600.0	85.0	26.0	72.0	0.0	0.0	1.0000	0.8145	0.019
630.0	59.0	12.0	53.0	0.0	0.0	1.0000	0.8145	0.019
660.0	47.0	12.0	41.0	0.0	0.0	1.0000	0.8145	0.019
690.0	35.0	11.0	29.5	0.0	0.0	1.0000	0.8145	0.019
720.0	24.0	18.0	15.0	0.0	0.0	1.0000	0.8145	0.019
750.0+	6.0	6.0	3.0	0.0	0.0	1.0000	0.8145	0.019

Table B9.c

In-Class Group Survival Data for Age 25 Years or Older:
First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn Druing Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi nating	Propn Survi- ving	Cumul Propn Surv At End	SE of Cumul Surv- iving
0.0	811.0	4.0	809.0	19.0	0.0235	0.9765	0.9765	0.005
30.0	788.0	24.0	776.0	15.0	0.0193	0.9807	0.9576	0.007
60.0	749.0	27.0	735.5	8.0	0.0109	0.9891	0.9472	0.008
90.0	714.0	21.0	703.5	14.0	0.0199	0.9801	0.9284	0.009
120.0	679.0	43.0	657.5	12.0	0.0183	0.9817	0.9114	0.010
150.0	624.0	53.0	597.5	8.0	0.0134	0.9866	0.8992	0.011
180.0	563.0	45.0	540.5	9.0	0.0167	0.9833	0.8843	0.012
210.0	509.0	58.0	480.0	4.0	0.0083	0.9917	0.8769	0.012
240.0	447.0	53.0	420.5	6.0	0.0143	0.9857	0.8644	0.013
270.0	388.0	26.0	375.0	3.0	0.0080	0.9920	0.8575	0.014
300.0	359.0	32.0	343.0	6.0	0.0175	0.9825	0.8425	0.015
330.0	321.0	16.0	313.0	3.0	0.0096	0.9904	0.8344	0.015
360.0	302.0	41.0	281.5	4.0	0.0142	0.9858	0.8225	0.016
390.0	257.0	33.0	240.5	3.0	0.0125	0.9875	0.8123	0.017
420.0	221.0	24.0	209.0	1.0	0.0048	0.9952	0.8084	0.017
450.0	196.0	22.0	185.0	1.0	0.0054	0.9946	0.8040	0.018
480.0	173.0	26.0	160.0	2.0	0.0125	0.9875	0.7940	0.019
510.0	145.0	15.0	137.5	1.0	0.0073	0.9927	0.7882	0.020
540.0	129.0	19.0	119.5	0.0	0.0	1.0000	0.7882	0.020
570.0	110.0	24.0	98.0	1.0	0.0102	0.9898	0.7801	0.021
600.0	85.0	17.0	76.5	0.0	0.0	1.0000	0.7801	0.021
630.0	68.0	21.0	57.5	0.0	0.0	1.0000	0.7801	0.021
660.0	47.0	13.0	40.5	0.0	0.0	1.0000	0.7801	0.021
690.0	34.0	10.0	29.0	0.0	0.0	1.0000	0.7801	0.021
720.0	24.0	16.0	16.0	0.0	0.0	1.0000	0.7801	0.021
750.0+	8.0	8.0	4.0	0.0	0.0	1.0000	0.7801	0.021

Table B9.d

Comparison of First Offender Treatment Groups for Age 25 Years or Older, Using the Lee-Desu Statistic: First Moving Violation or Any A/R Offense

Overall Comparison	Statistic	0.381	D.F.	2	Prob.	0.8266,NS

Group	Name	Total N	UNCEN	CEN	PCT	Mean Score
	Control	795	108	687	86.42	-2.0390
	Home Study	825	110	715	86.67	11.573
	In-Class	811	120	691	85.20	-9.7744

Pairwise Comparison	Statistic	0.152	D.F.	1	Prob.	0.6966,NS

Group	Name	Total N	UNCEN	CEN	PCT	Mean Score
	Control	795	108	687	86.42	-4.6226
	Home Study	825	110	715	86.67	4.4545

Pairwise Comparison	Statistic	0.047	D.F.	1	Prob.	0.8277,NS

Group	Name	Total N	UNCEN	CEN	PCT	Mean Score
	Control	795	108	687	86.42	2.5836
	In-Class	811	120	691	85.20	-2.5327

Pairwise Comparison	Statistic	0.369	D.F.	1	Prob.	0.5436,NS

Group	Name	Total N	UNCEN	CEN	PCT	Mean Score
	Home Study	825	110	715	86.67	7.1188
	In-Class	811	120	691	85.20	-7.2417

Table B10.a

Control Group Survival Data For Social Drinkers: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	270.0	1.0	269.5	3.0	0.0111	0.9889	0.9889	0.006
30.0	266.0	6.0	263.0	2.0	0.0076	0.9924	0.9813	0.008
60.0	258.0	7.0	254.5	0.0	0.0	1.0000	0.9813	0.008
90.0	251.0	13.0	244.5	0.0	0.0	1.0000	0.9813	0.008
120.0	238.0	10.0	233.0	0.0	0.0	1.0000	0.9813	0.008
150.0	228.0	16.0	220.0	1.0	0.0045	0.9955	0.9769	0.009
180.0	211.0	9.0	206.5	2.0	0.0097	0.9903	0.9674	0.011
210.0	200.0	24.0	188.0	0.0	0.0	1.0000	0.9674	0.011
240.0	176.0	16.0	168.0	1.0	0.0060	0.9940	0.9617	0.013
270.0	159.0	14.0	152.0	0.0	0.0	1.0000	0.9617	0.013
300.0	145.0	11.0	139.5	1.0	0.0072	0.9928	0.9548	0.014
330.0	133.0	13.0	126.5	1.0	0.0079	0.9921	0.9472	0.016
360.0	119.0	23.0	107.5	2.0	0.0186	0.9814	0.9296	0.020
390.0	94.0	16.0	86.0	0.0	0.0	1.0000	0.9296	0.020
420.0	78.0	6.0	75.0	0.0	0.0	1.0000	0.9296	0.020
450.0	72.0	11.0	66.5	0.0	0.0	1.0000	0.9296	0.020
480.0	61.0	8.0	57.0	0.0	0.0	1.0000	0.9296	0.020
510.0	53.0	7.0	49.5	1.0	0.0202	0.9798	0.9108	0.027
540.0	45.0	8.0	41.0	0.0	0.0	1.0000	0.9108	0.027
570.0	37.0	4.0	35.0	0.0	0.0	1.0000	0.9108	0.027
600.0	33.0	4.0	31.0	0.0	0.0	1.0000	0.9108	0.027
630.0	29.0	4.0	27.0	0.0	0.0	1.0000	0.9108	0.027
660.0	25.0	6.0	22.0	0.0	0.0	1.0000	0.9108	0.027
690.0	19.0	4.0	17.0	0.0	0.0	1.0000	0.9108	0.027
720.0	15.0	11.0	9.5	0.0	0.0	1.0000	0.9108	0.027
750.0+	4.0	4.0	2.0	0.0	0.0	1.0000	0.9108	0.027

Table B10.b

Home Study Group Survival Data For Social Drinkers: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	257.0	4.0	255.0	3.0	0.0118	0.9882	0.9882	0.007
30.0	250.0	4.0	248.0	3.0	0.0121	0.9879	0.9763	0.010
60.0	243.0	11.0	237.5	4.0	0.0168	0.9832	0.9598	0.012
90.0	228.0	8.0	224.0	4.0	0.0179	0.9821	0.9427	0.015
120.0	216.0	11.0	210.5	3.0	0.0143	0.9857	0.9293	0.017
150.0	202.0	8.0	198.0	0.0	0.0	1.0000	0.9293	0.017
180.0	194.0	11.0	188.5	1.0	0.0053	0.9947	0.9243	0.017
210.0	182.0	19.0	172.5	0.0	0.0	1.0000	0.9243	0.017
240.0	163.0	18.0	154.0	0.0	0.0	1.0000	0.9243	0.017
270.0	145.0	11.0	139.5	0.0	0.0	1.0000	0.9243	0.017
300.0	134.0	6.0	131.0	0.0	0.0	1.0000	0.9243	0.017
330.0	128.0	16.0	120.0	1.0	0.0083	0.9917	0.9166	0.019
360.0	111.0	20.0	101.0	1.0	0.0099	0.9901	0.9076	0.021
390.0	90.0	17.0	81.5	0.0	0.0	1.0000	0.9076	0.021
420.0	73.0	7.0	69.5	0.0	0.0	1.0000	0.9076	0.021
450.0	66.0	7.0	62.5	0.0	0.0	1.0000	0.9076	0.021
480.0	59.0	6.0	56.0	0.0	0.0	1.0000	0.9076	0.021
510.0	53.0	6.0	50.0	0.0	0.0	1.0000	0.9076	0.021
540.0	47.0	4.0	45.0	0.0	0.0	1.0000	0.9076	0.021
570.0	43.0	7.0	39.5	0.0	0.0	1.0000	0.9076	0.021
600.0	36.0	6.0	33.0	0.0	0.0	1.0000	0.9076	0.021
630.0	30.0	4.0	28.0	0.0	0.0	1.0000	0.9076	0.021
660.0	26.0	2.0	25.0	0.0	0.0	1.0000	0.9076	0.021
690.0	24.0	7.0	20.5	0.0	0.0	1.0000	0.9076	0.021
720.0	17.0	11.0	11.5	0.0	0.0	1.0000	0.9076	0.021
750.0+	6.0	6.0	3.0	0.0	0.0	1.0000	0.9076	0.021

Table B10.c

In-Class Group Survival Data For Social Drinkers: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	254.0	1.0	253.5	1.0	0.0039	0.9961	0.9961	0.004
30.0	252.0	3.0	250.5	0.0	0.0	1.0000	0.9961	0.004
60.0	249.0	11.0	243.5	3.0	0.0123	0.9877	0.9838	0.008
90.0	235.0	10.0	230.0	1.0	0.0043	0.9957	0.9795	0.009
120.0	224.0	16.0	216.0	0.0	0.0	1.0000	0.9795	0.011
150.0	208.0	16.0	200.0	2.0	0.0100	0.9900	0.9697	0.014
180.0	190.0	9.0	185.5	3.0	0.0162	0.9838	0.9540	0.015
210.0	178.0	19.0	168.5	1.0	0.0059	0.9941	0.9484	0.016
240.0	158.0	17.0	149.5	1.0	0.0067	0.9933	0.9420	0.016
270.0	140.0	10.0	135.0	0.0	0.0	1.0000	0.9420	0.019
300.0	130.0	11.0	124.5	2.0	0.0161	0.9839	0.9269	0.019
330.0	117.0	11.0	111.5	0.0	0.0	1.0000	0.9269	0.021
360.0	106.0	19.0	96.5	1.0	0.0104	0.9896	0.9173	0.021
390.0	86.0	14.0	79.0	0.0	0.0	1.0000	0.9173	0.028
420.0	72.0	9.0	67.5	2.0	0.0296	0.9704	0.8901	0.028
450.0	61.0	9.0	56.5	0.0	0.0	1.0000	0.8901	0.028
480.0	52.0	7.0	48.5	0.0	0.0	1.0000	0.8901	0.028
510.0	45.0	2.0	44.0	0.0	0.0	1.0000	0.8901	0.028
540.0	43.0	5.0	40.5	0.0	0.0	1.0000	0.8901	0.028
570.0	38.0	2.0	37.0	0.0	0.0	1.0000	0.8901	0.028
600.0	36.0	4.0	34.0	0.0	0.0	1.0000	0.8901	0.028
630.0	32.0	3.0	30.5	0.0	0.0	1.0000	0.8901	0.028
660.0	29.0	6.0	26.0	0.0	0.0	1.0000	0.8901	0.028
690.0	23.0	8.0	19.0	0.0	0.0	1.0000	0.8901	0.028
720.0	15.0	7.0	11.5	0.0	0.0	1.0000	0.8901	0.028
750.0+	8.0	8.0	4.0	0.0	0.0	1.0000	0.8901	0.028

Table B10.d

Comparison of First Offender Treatment Groups For Social Drinkers, Using the Lee-Desu Statistic: First Accident

Overall Comparison	Statistic	3.511	D.F.	2	Prob.	0.1728, NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Control	270	14	256	94.81	11.226		
Home Study	257	20	237	92.22	-14.339		
In-Class	254	17	237	93.31	2.5748		
Pairwise Comparison	Statistic	3.131	D.F.	1	Prob.	0.0768, Sig	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Control	270	14	256	94.81	8.3037		
Home Study	257	20	237	92.22	-8.7237		
Pairwise Comparison	Statistic	0.535	D.F.	1	Prob.	0.4646, NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Control	270	14	256	94.81	2.9222		
In-Class	254	17	237	93.31	-3.1063		
Pairwise Comparison	Statistic	1.315	D.F.	1	Prob.	0.2515, NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Home Study	257	20	237	92.22	-5.6148		
In-Class	254	17	237	93.31	5.6811		

Table B11.a

Control Group Survival Data for Social Drinkers: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Surv-iving
0.0	270.0	1.0	269.5	1.0	0.0037	0.9963	0.9963	0.004
30.0	268.0	7.0	264.5	2.0	0.0076	0.9924	0.9888	0.006
60.0	259.0	7.0	255.5	3.0	0.0117	0.9883	0.9771	0.009
90.0	249.0	13.0	242.5	1.0	0.0041	0.9959	0.9731	0.010
120.0	235.0	10.0	230.0	0.0	0.0	1.0000	0.9731	0.010
150.0	225.0	16.0	217.0	1.0	0.0046	0.9954	0.9686	0.011
180.0	208.0	9.0	203.5	0.0	0.0	1.0000	0.9686	0.011
210.0	199.0	24.0	187.0	0.0	0.0	1.0000	0.9686	0.011
240.0	175.0	16.0	167.0	0.0	0.0	1.0000	0.9686	0.011
270.0	159.0	15.0	151.5	0.0	0.0	1.0000	0.9686	0.011
300.0	144.0	12.0	138.0	0.0	0.0	1.0000	0.9686	0.011
330.0	132.0	14.0	125.0	0.0	0.0	1.0000	0.9686	0.011
360.0	118.0	22.0	107.0	1.0	0.0093	0.9907	0.9596	0.014
390.0	95.0	16.0	87.0	0.0	0.0	1.0000	0.9596	0.014
420.0	79.0	7.0	75.5	2.0	0.0265	0.9735	0.9342	0.022
450.0	70.0	11.0	64.5	0.0	0.0	1.0000	0.9342	0.022
480.0	59.0	8.0	55.0	0.0	0.0	1.0000	0.9342	0.022
510.0	51.0	7.0	47.5	0.0	0.0	1.0000	0.9342	0.022
540.0	44.0	8.0	40.0	0.0	0.0	1.0000	0.9342	0.022
570.0	36.0	4.0	34.0	0.0	0.0	1.0000	0.9342	0.022
600.0	32.0	5.0	29.5	0.0	0.0	1.0000	0.9342	0.022
630.0	27.0	5.0	24.5	0.0	0.0	1.0000	0.9342	0.022
660.0	22.0	4.0	20.0	0.0	0.0	1.0000	0.9342	0.022
690.0	18.0	4.0	16.0	0.0	0.0	1.0000	0.9342	0.022
720.0	14.0	9.0	9.5	0.0	0.0	1.0000	0.9342	0.022
750.0+	5.0	5.0	2.5	0.0	0.0	1.0000	0.9342	0.022

Table B11.b

Home Study Group Survival Data for Social Drinkers: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Invl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Surv-Iving
0.0	257.0	4.0	255.0	3.0	0.0118	0.9882	0.9882	0.007
30.0	250.0	4.0	248.0	2.0	0.0081	0.9919	0.9803	0.009
60.0	244.0	11.0	238.5	4.0	0.0168	0.9832	0 9638	0.012
90.0	229.0	8.0	225.0	1.0	0.0044	0.9956	0.9595	0.013
120.0	220.0	12.0	214.0	0.0	0.0	1.0000	0.9595	0.013
150.0	208.0	8.0	204.0	2.0	0.0098	0.9902	0.9501	0.014
180.0	198.0	10.0	193.0	1.0	0.0052	0.9948	0.9452	0.015
210.0	187.0	18.0	178.0	2.0	0.0112	0,9888	0.9346	0.016
240.0	167.0	19.0	157.5	0.0	0.0	1.0000	0.9346	0.016
270.0	148.0	11.0	142.5	0.0	0.0	1.0000	0.9346	0.016
300.0	137.0	7.0	133.5	0.0	0.0	1.0000	0.9346	0.016
330.0	130.0	16.0	122.0	0.0	0.0	1.0000	0.9346	0.016
360.0	114.0	20.0	104.0	0.0	0.0	1.0000	0.9346	0.016
390.0	94.0	19.0	84.5	0.0	0.0	1.0000	0.9346	0.016
420.0	75.0	9.0	70.5	0.0	0.0	1.0000	0.9346	0.016
450.0	66.0	7.0	62.5	0.0	0.0	1.0000	0.9346	0.016
480.0	59.0	5.0	45.4	0.0	0.0	1.0000	0.9346	0.016
510.0	54.0	6.0	51.0	0.0	0.0	1.0000	0.9346	0.016
540.0	48.0	4.0	46.0	0.0	0.0	1.0000	0.9346	0.016
570.0	44.0	7.0	40.5	0.0	0.0	1.0000	0.9346	0.016
600.0	37.0	5.0	34.5	0.0	0.0	1.0000	0.9346	0.016
630.0	32.0	5.0	29.5	0.0	0.0	1.0000	0.9346	0.016
660.0	27.0	2.0	26.0	0.0	0.0	1.0000	0.9346	0.016
690.0	25.0	6.0	22.0	0.0	0.0	1.0000	0.9346	0.016
720.0	19.0	14.0	12.0	0.0	0.0	1.0000	0.9346	0.016
750.0+	5.0	5.0	2.5	0.0	0.0	1.0000	0.9346	0.016

Table B11.c

In-Class Group Survival Data for Social Drinkers: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-Ving	Cumul Propn Surv At End	SE of Cumul Surv-iving
0.0	254.0	1.0	253.5	2.0	0.0079	0.9921	0.9921	0.006
30.0	251.0	3.0	249.5	3.0	0.0120	0.9880	0.9802	0.009
60.0	245.0	11.0	239.5	0.0	0.0	1.0000	0.9802	0.009
90.0	234.0	10.0	229.0	1.0	0.0044	0.9956	0.9759	0.010
120.0	223.0	16.0	215.0	0.0	0.0	1.0000	0.9759	0.010
150.0	207.0	17.0	198.5	0.0	0.0	1.0000	0.9759	0.010
180.0	190.0	8.0	186.0	0.0	0.0	1.0000	0.9759	0.010
210.0	182.0	19.0	172.5	1.0	0.0058	0.9942	0.9702	0.011
240.0	162.0	18.0	153.0	1.0	0.0065	0.9935	0.9639	0.013
270.0	143.0	10.0	138.0	0.0	0.0	1.0000	0.9639	0.013
300.0	133.0	11.0	127.5	0.0	0.0	1.0000	0.9639	0.013
330.0	122.0	12.0	116.0	0.0	0.0	1.0000	0.9639	0.013
360.0	110.0	19.0	100.5	0.0	0.0	1.0000	0.9639	0.013
390.0	91.0	14.0	84.0	0.0	0.0	1.0000	0.9639	0.013
420.0	77.0	10.0	72.0	0.0	0.0	1.0000	0.9639	0.013
450.0	67.0	10.0	62.0	0.0	0.0	1.0000	0.9639	0.013
480.0	57.0	8.0	53.0	1.0	0.0189	0.9811	0.9457	0.022
510.0	48.0	2.0	47.0	0.0	0.0	1.0000	0.9457	0.022
540.0	46.0	5.0	43.5	0.0	0.0	1.0000	0.9457	0.022
570.0	41.0	2.0	40.0	0.0	0.0	1.0000	0.9457	0.022
600.0	39.0	6.0	36.0	0.0	0.0	1.0000	0.9457	0.022
630.0	33.0	5.0	30.5	0.0	0.0	1.0000	0.9457	0.022
660.0	28.0	6.0	25.0	0.0	0.0	1.0000	0.9457	0.022
690.0	22.0	9.0	17.5	0.0	0.0	1.0000	0.9457	0.022
720.0	13.0	7.0	9.5	0.0	0.0	1.0000	0.9457	0.022
750.0+	6.0	6.0	3.0	0.0	0.0	1.0000	0.9457	0.022

Table B11.d

Comparison of First Offender Treatment Groups for Social Drinkers, Using Lee-Desu Statistic: First DUI or Reckless Driving Offense

Overall Comparison	Statistic	2.639	D.F.	2	Prob.	0.2672, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	270	11	259	95.93	5.0481	
Home Study	257	15	242	94.16	-11.700	
In-Class	254	9	245	96.46	6.4724	
Pairwise Comparison	Statistic	1.708	D.F.	1	Prob.	0.1913, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	270	11	259	95.93	5.5741	
Home Study	257	15	242	94.16	-5.8560	
Pairwise Comparison	Statistic	0.021	D.F.	1	Prob.	0.8835, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	270	11	259	95.93	-0.52593	
In-Class	254	9	245	96.46	0.55906	
Pairwise Comparison	Statistic	1.886	D.F.	1	Prob.	0.1697, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Home Study	257	15	242	94.16	-5.8444	
In-Class	254	9	245	96.46	5.9134	

Table B12.a

Control Group Survival Data For Social Drinkers: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	270.0	1.0	269.5	6.0	0.0223	0.9777	0.9777	0.009
30.0	263.0	7.0	259.5	7.0	0.0270	0.9730	0.9514	0.013
60.0	249.0	7.0	245.5	4.0	0.0163	0.9837	0.9359	0.015
90.0	238.0	13.0	231.5	4.0	0.0173	0.9827	0.9197	0.017
120.0	221.0	10.0	216.0	5.0	0.0231	0.9769	0.8984	0.019
150.0	206.0	16.0	198.0	2.0	0.0101	0.9899	0.8893	0.020
180.0	188.0	8.0	184.0	2.0	0.0109	0.9891	0.8797	0.021
210.0	178.0	20.0	168.0	2.0	0.0119	0.9881	0.8692	0.022
240.0	156.0	15.0	148.5	2.0	0.0135	0.9865	0.8575	0.023
270.0	139.0	13.0	132.5	1.0	0.0075	0.9925	0.8510	0.024
300.0	125.0	10.0	120.0	1.0	0.0083	0.9917	0.8439	0.025
330.0	114.0	11.0	108.5	3.0	0.0276	0.9724	0.8206	0.027
360.0	100.0	20.0	90.0	1.0	0.0111	0.9889	0.8115	0.029
390.0	79.0	15.0	71.5	0.0	0.0	1.0000	0.8115	0.029
420.0	64.0	5.0	61.5	1.0	0.0163	0.9837	0.7983	0.031
450.0	58.0	11.0	52.5	0.0	0.0	1.0000	0.7983	0.031
480.0	47.0	8.0	43.0	0.0	0.0	1.0000	0.7983	0.031
510.0	39.0	6.0	36.0	1.0	0.0278	0.9722	0.7761	0.037
540.0	32.0	6.0	29.0	0.0	0.0	1.0000	0.7761	0.037
570.0	26.0	2.0	25.0	0.0	0.0	1.0000	0.7761	0.037
600.0	24.0	5.0	21.5	0.0	0.0	1.0000	0.7761	0.037
630.0	19.0	4.0	17.0	0.0	0.0	1.0000	0.7761	0.037
660.0	15.0	1.0	14.5	0.0	0.0	1.0000	0.7761	0.037
690.0	14.0	3.0	12.5	0.0	0.0	1.0000	0.7761	0.037
720.0	11.0	8.0	7.0	0.0	0.0	1.0000	0.7761	0.037
750.0+	3.0	3.0	1.5	0.0	0.0	1.0000	0.7761	0.037

Table B12.b

Home Study Group Survival Data For Social Drinkers: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	257.0	4.0	255.0	8.0	0.0314	0.9686	0.9686	0.011
30.0	245.0	4.0	243.0	8.0	0.0329	0.9671	0.9367	0.015
60.0	233.0	11.0	227.5	5.0	0.0220	0.9780	0.9162	0.018
90.0	217.0	8.0	213.0	5.0	0.0235	0.9765	0.8946	0.020
120.0	204.0	12.0	198.0	0.0	0.0	1.0000	0.8946	0.020
150.0	192.0	7.0	188.5	5.0	0.0265	0.9735	0.8709	0.022
180.0	180.0	10.0	175.0	0.0	0.0	1.0000	0.8709	0.022
210.0	170.0	18.0	161.0	4.0	0.0248	0.9752	0.8493	0.024
240.0	148.0	19.0	138.5	1.0	0.0072	0.9928	0.8431	0.024
270.0	128.0	11.0	122.5	0.0	0.0	1.0000	0.8431	0.024
300.0	117.0	7.0	113.5	1.0	0.0088	0.9912	0.8357	0.025
330.0	109.0	13.0	102.5	2.0	0.0195	0.9805	0.8194	0.027
360.0	94.0	19.0	84.5	0.0	0.0	1.0000	0.8194	0.027
390.0	75.0	17.0	66.5	0.0	0.0	1.0000	0.8194	0.027
420.0	58.0	8.0	54.0	0.0	0.0	1.0000	0.8194	0.027
450.0	50.0	5.0	47.5	0.0	0.0	1.0000	0.8194	0.027
480.0	45.0	5.0	42.5	0.0	0.0	1.0000	0.8194	0.027
510.0	40.0	5.0	37.5	1.0	0.0267	1.9733	0.7976	0.034
540.0	34.0	1.0	33.5	0.0	0.0	1.0000	0.7976	0.034
570.0	33.0	6.0	30.0	0.0	0.0	1.0000	0.7976	0.034
600.0	27.0	4.0	25.0	0.0	0.0	1.0000	0.7976	0.034
630.0	23.0	5.0	20.5	0.0	0.0	1.0000	0.7976	0.034
660.0	18.0	2.0	17.0	0.0	0.0	1.0000	0.7976	0.034
690.0	16.0	4.0	14.0	0.0	0.0	1.0000	0.7976	0.034
720.0	12.0	11.0	6.5	0.0	0.0	1.0000	0.7976	0.034
750.0+	1.0	1.0	0.5	0.0	0.0	1.0000	0.7976	0.034

Table B12.c

In-Class Group Survival Data For Social Drinkers: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	254.0	1.0	253.5	5.0	0.0197	0.9803	0.9803	0.009
30.0	248.0	3.0	246.5	6.0	0.0243	0.9757	0.9564	0.013
60.0	239.0	11.0	233.5	2.0	0.0086	0.9914	0.9482	0.014
90.0	226.0	10.0	221.0	4.0	0.0181	0.9819	0.9311	0.016
120.0	212.0	16.0	204.0	5.0	0.0245	0.9755	0.9082	0.019
150.0	191.0	17.0	182.5	3.0	0.0164	0.9836	0.8933	0.020
180.0	171.0	8.0	167.0	1.0	0.0060	0.9940	0.8880	0.021
210.0	162.0	19.0	152.5	3.0	0.0197	0.9803	0.8705	0.023
240.0	140.0	15.0	132.5	1.0	0.0075	0.9925	0.8639	0.024
270.0	124.0	8.0	120.0	1.0	0.0083	0.9917	0.8567	0.024
300.0	115.0	10.0	110.0	1.0	0.0091	0.9909	0.8489	0.025
330.0	104.0	11.0	98.5	0.0	0.0	1.0000	0.8489	0.025
360.0	93.0	18.0	84.0	1.0	0.0119	0.9881	0.8388	0.027
390.0	74.0	13.0	67.5	0.0	0.0	1.0000	0.8388	0.027
420.0	61.0	10.0	56.0	0.0	0.0	1.0000	0.8388	0.027
450.0	51.0	7.0	47.5	1.0	0.0211	0.9789	0.8212	0.032
480.0	43.0	7.0	39.5	1.0	0.0253	0.9747	0.8004	0.037
510.0	35.0	1.0	34.5	0.0	0.0	1.0000	0.8004	0.037
540.0	34.0	4.0	32.0	2.0	0.0625	0.9375	0.7504	0.049
570.0	28.0	1.0	27.5	0.0	0.0	1.0000	0.7504	0.049
600.0	27.0	5.0	24.5	0.0	0.0	1.0000	0.7504	0.049
630.0	22.0	4.0	20.0	0.0	0.0	1.0000	0.7504	0.049
660.0	18.0	5.0	15.5	0.0	0.0	1.0000	0.7504	0.049
690.0	13.0	5.0	10.5	0.0	0.0	1.0000	0.7504	0.049
720.0	8.0	3.0	6.5	0.0	0.0	1.0000	0.7504	0.049
750.0+	5.0	5.0	2.5	0.0	0.0	1.0000	0.7504	0.049

Table B12.d

Comparison of First Offender Treatment Groups For Social Drinkers, Using the Lee-Desu Statistic: First Moving Violation or Any A/R Offense

Overall Comparison	Statistic	0.597	D.F.	2	Prob. 0.7419, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	270	42	228	84.44	0.66667
Home Study	257	40	217	84.44	-8.5720
In-Class	254	37	217	85.43	7.9646

Pairwise Comparison	Statistic	0.185	D.F.	1	Prob. 0.6671, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	270	42	228	84.44	3.0556
Home Study	257	40	217	84.44	-3.2101

Pariwise Comparison	Statistic	0.126	D.F.	1	Prob. 0.7229, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	270	42	228	84.44	-2.3889
In-Class	254	37	217	85.43	2.5394

Pairwise Comparison	Statistic	0.588	D.F.	1	Prob. 0.4431, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Home Study	257	40	217	84.44	-5.3619
In-Class	254	37	217	85.43	5.4252

Table B13.a

Control Group Survival Data For Midrange Problem Drinkers: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	798.0	7.0	794.5	9.0	0.0113	0.9887	0.9887	0.004
30.0	782.0	27.0	768.5	5.0	0.0065	0.9935	0.9822	0.005
60.0	750.0	20.0	740.0	7.0	0.0095	0.9905	0.9729	0.006
90.0	723.0	24.0	711.0	6.0	0.0084	0.9916	0.9647	0.007
120.0	693.0	32.0	677.0	6.0	0.0089	0.9911	0.9562	0.007
150.0	655.0	50.0	630.0	6.0	0.0095	0.9905	0.9471	0.008
180.0	599.0	53.0	572.5	4.0	0.0070	0.9930	0.9405	0.009
210.0	542.0	55.0	514.5	4.0	0.0078	0.9922	0.9332	0.010
240.0	483.0	51.0	457.5	2.0	0.0044	0.9956	0.9291	0.010
270.0	430.0	30.0	415.0	2.0	0.0048	0.9952	0.9246	0.010
300.0	398.0	33.0	381.5	4.0	0.0105	0.9895	0.9149	0.011
330.0	361.0	29.0	346.5	2.0	0.0058	0.9942	0.9096	0.012
360.0	330.0	39.0	310.5	4.0	0.0129	0.9871	0.8979	0.013
390.0	287.0	36.0	269.0	0.0	0.0	1.0000	0.8979	0.013
420.0	251.0	31.0	235.0	1.0	0.0042	0.9958	0.8941	0.014
450.0	219.0	23.0	207.5	1.0	0.0048	0.9952	0.8898	0.014
480.0	195.0	33.0	178.5	1.0	0.0056	0.9944	0.8848	0.015
510.0	161.0	21.0	150.5	0.0	0.0	1.0000	0.8848	0.015
540.0	140.0	28.0	126.0	0.0	0.0	1.0000	0.8848	0.015
570.0	112.0	28.0	98.0	0.0	0.0	1.0000	0.8848	0.015
600.0	84.0	16.0	76.0	0.0	0.0	1.0000	0.8848	0.015
630.0	68.0	15.0	60.5	0.0	0.0	1.0000	0.8848	0.015
660.0	53.0	20.0	43.0	0.0	0.0	1.0000	0.8848	0.015
690.0	33.0	11.0	27.5	1.0	0.0364	0.9636	0.8526	0.035
720.0	21.0	14.0	14.0	0.0	0.0	1.0000	0.8526	0.035
750.0+	7.0	7.0	3.5	0.0	0.0	1.0000	0.8526	0.035

Table B13.b

Home Study Group Survival Data For Midrange Problem Drinkers: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	829.0	4.0	827.0	6.0	0.0073	0.9927	0.9927	0.003
30.0	819.0	26.0	806.0	11.0	0.0136	0.9864	0.9792	0.005
60.0	782.0	26.0	769.0	8.0	0.0104	0.9896	0.9690	0.006
90.0	748.0	25.0	735.5	6.0	0.0082	0.9918	0.9611	0.007
120.0	717.0	37.0	698.5	5.0	0.0072	0.9928	0.9542	0.007
150.0	675.0	43.0	653.5	8.0	0.0122	0.9878	0.9425	0.008
180.0	624.0	57.0	595.5	4.0	0.0067	0.9933	0.9362	0.009
210.0	563.0	47.0	539.5	3.0	0.0056	0.9944	0.9310	0.009
240.0	513.0	46.0	490.0	6.0	0.0122	0.9878	0.9196	0.010
270.0	461.0	39.0	441.5	3.0	0.0068	0.9932	0.9134	0.011
300.0	419.0	37.0	400.5	1.0	0.0025	0.9975	0.9111	0.011
330.0	381.0	27.0	367.5	2.0	0.0054	0.9946	0.9061	0.012
360.0	352.0	42.0	331.0	0.0	0.0	1.0000	0.9061	0.012
390.0	310.0	41.0	289.5	3.0	0.0104	0.9896	0.8967	0.013
420.0	266.0	28.0	252.0	1.0	0.0040	0.9960	0.8932	0.013
450.0	237.0	26.0	224.0	2.0	0.0089	0.9911	0.8852	0.014
480.0	209.0	34.0	192.0	3.0	0.0156	0.9844	0.8714	0.016
510.0	172.0	23.0	160.5	1.0	0.0062	0.9938	0.8659	0.017
540.0	148.0	27.0	134.5	0.0	0.0	1.0000	0.8659	0.017
570.0	121.0	32.0	105.0	0.0	0.0	1.0000	0.8659	0.017
600.0	89.0	32.0	73.0	0.0	0.0	1.0000	0.8659	0.017
630.0	57.0	14.0	50.0	0.0	0.0	1.0000	0.8659	0.017
660.0	43.0	13.0	36.5	0.0	0.0	1.0000	0.8659	0.017
690.0	30.0	10.0	25.0	1.0	0.0400	0.9600	0.8313	0.038
720.0	19.0	12.0	13.0	0.0	0.0	1.0000	0.8313	0.038
750.0+	7.0	7.0	3.5	0.0	0.0	1.0000	0.8313	0.038

Table B13.c

In-Class Group Survival Data For Midrange Problem Drinkers: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	820.0	4.0	818.0	14.0	0.0171	0.9829	0.9829	0.005
30.0	802.0	21.0	791.5	8.0	0.0101	0.9899	0.9730	0.006
60.0	773.0	26.0	760.0	6.0	0.0079	0.9921	0.9653	0.006
90.0	741.0	22.0	730.0	7.0	0.0096	0.9904	0.9560	0.007
120.0	712.0	35.0	694.5	6.0	0.0086	0.9914	0.9478	0.008
150.0	671.0	46.0	648.0	1.0	0.0015	0.9985	0.9463	0.008
180.0	624.0	55.0	596.5	3.0	0.0050	0.9950	0.9415	0.008
210.0	566.0	52.0	540.0	2.0	0.0037	0.9963	0.9380	0.009
240.0	512.0	45.0	489.5	5.0	0.0102	0.9898	0.9285	0.010
270.0	462.0	41.0	441.5	8.0	0.0181	0.9819	0.9116	0.011
300.0	413.0	38.0	394.0	3.0	0.0076	0.9924	0.9047	0.012
330.0	372.0	20.0	362.0	2.0	0.0055	0.9945	0.8997	0.012
360.0	350.0	50.0	325.0	5.0	0.0154	0.9846	0.8859	0.014
390.0	295.0	36.0	277.0	6.0	0.0217	0.9783	0.8667	0.015
420.0	253.0	27.0	239.5	0.0	0.0	1.0000	0.8667	0.015
450.0	226.0	24.0	214.0	1.0	0.0047	0.9953	0.8626	0.016
480.0	201.0	27.0	187.5	0.0	0.0	1.0000	0.8626	0.016
510.0	174.0	22.0	163.0	1.0	0.0061	0.9939	0.8573	0.017
540.0	151.0	23.0	139.5	1.0	0.0072	0.9928	0.8512	0.018
570.0	127.0	32.0	111.0	0.0	0.0	1.0000	0.8512	0.018
600.0	95.0	16.0	87.0	0.0	0.0	1.0000	0.8512	0.018
630.0	79.0	25.0	66.5	0.0	0.0	1.0000	0.8512	0.018
660.0	54.0	10.0	49.0	0.0	0.0	1.0000	0.8512	0.018
690.0	44.0	12.0	38.0	0.0	0.0	1.0000	0.8512	0.018
720.0	32.0	20.0	22.0	0.0	0.0	1.0000	0.8512	0.018
750.0+	12.0	12.0	6.0	0.0	0.0	1.0000	0.8512	0.018

Table B13.d

Comparison of First Offender Treatment Groups For Midrange Problem Drinkers, Using the Lee-Desu Statistic: First Accident

Overall Comparison	Statistic	0.559	D.F.	2	Prob. 0.7563, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	798	65	733	91.85	10.343
Home Study	829	74	755	91.07	0.45718
In-Class	820	79	741	90.37	-10.528
Pairwise Comparison	Statistic	0.137	D.F.	1	Prob. 0.7118, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	798	65	733	91.85	3.4323
Home Study	829	74	755	91.07	-3.3040
Pairwise Comparison	Statistic	0.545	D.F.	1	Prob. 0.4603, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	798	65	733	91.85	6.9110
In-Class	820	79	741	90.37	-6.7256
Pairwise Comparison	Statistic	0.159	D.F.	1	Prob. 0.6900, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Home Study	829	74	755	91.07	3.7612
In-Class	820	79	741	90.37	-3.8024

Table B14.a

Control Group Survival Data for Mid-range Problem Drinkers:
First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Terml Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Surv iving
0.0	798.0	7.0	794.5	9.0	0.0113	0.9887	0.9887	0.004
30.0	782.0	27.0	768.5	9.0	0.0117	0.9883	0.9771	0.005
60.0	746.0	20.0	736.0	5.0	0.0068	0.9932	0.9705	0.006
90.0	721.0	24.0	709.0	5.0	0.0071	0.9929	0.9636	0.007
120.0	692.0	32.0	676.0	3.0	0.0044	0.9956	0.9593	0.007
150.0	657.0	52.0	631.0	5.0	0.0079	0.9921	0.9517	0.008
180.0	600.0	53.0	573.5	5.0	0.0087	0.9913	0.9434	0.009
210.0	542.0	56.0	514.0	2.0	0.0039	0.9961	0.9398	0.009
240.0	484.0	53.0	557.5	2.0	0.0044	0.9956	0.9357	0.009
270.0	429.0	33.0	412.5	2.0	0.0048	0.9952	0.9311	0.010
300.0	394.0	35.0	376.5	3.0	0.0080	0.9920	0.9237	0.011
330.0	356.0	29.0	341.5	2.0	0.0059	0.9941	0.9183	0.011
360.0	325.0	35.0	307.5	1.0	0.0033	0.9967	0.9153	0.012
390.0	289.0	37.0	270.5	0.0	0.0	0.9961	0.9153	0.012
420.0	252.0	30.0	237.0	1.0	0.0042	1.0058	0.9114	0.012
450.0	221.0	29.0	206.5	1.0	0.0048	0.9952	0.9070	0.013
480.0	191.0	31.0	175.5	0.0	0.0	1.0000	0.9070	0.013
510.0	160.0	19.0	150.5	0.0	0.0	1.0000	0.9070	0.013
540.0	141.0	27.0	127.5	0.0	0.0	1.0000	0.9070	0.013
570.0	114.0	31.0	98.5	0.0	0.0	1.0000	0.9070	0.013
600.0	83.0	17.0	74.5	0.0	0.0	1.0000	0.9070	0.013
630.0	66.0	15.0	58.5	0.0	0.0	1.0000	0.9070	0.013
660.0	51.0	21.0	40.5	0.0	0.0	1.0000	0.9070	0.013
690.0	30.0	11.0	24.5	0.0	0.0	1.0000	0.9070	0.013
720.0	19.0	13.0	12.5	0.0	0.0	1.0000	0.9070	0.013
750.0+	6.0	6.0	3.0	0.0	0.0	1.0000	0.9070	0.013

Table B14.b

Home Study Survival Data for Mid-range Problem Drinkers: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Surv-iving
0.0	829.0	4.0	827.0	3.0	0.0036	0.9964	0.9964	0.002
30.0	822.0	26.0	809.0	7.0	0.0087	0.9913	0.9878	0.004
60.0	789.0	26.0	776.0	6.0	0.0077	0.9923	0.9801	0.005
90.0	757.0	25.0	744.5	6.0	0.0081	0.9919	0.9722	0.006
120.0	726.0	37.0	707.5	1.0	0.0014	0.9986	0.9708	0.006
150.0	688.0	45.0	665.5	4.0	0.0060	0.9940	0.9650	0.007
180.0	639.0	57.0	610.5	6.0	0.0098	0.9902	0.9555	0.008
210.0	576.0	47.0	552.5	2.0	0.0036	0.9964	0.9521	0.008
240.0	527.0	50.0	502.0	3.0	0.0060	0.9940	0.9464	0.009
270.0	474.0	38.0	455.0	1.0	0.0022	0.9978	0.9443	0.009
300.0	435.0	35.0	417.5	1.0	0.0024	0.9976	0.9420	0.009
330.0	399.0	31.0	383.5	2.0	0.0052	0.9948	0.9371	0.010
360.0	366.0	43.0	344.5	0.0	0.0	1.0000	0.9371	0.010
390.0	323.0	46.0	300.0	0.0	0.0	1.0000	0.9371	0.010
420.0	277.0	26.0	264.0	1.0	0.0038	0.9962	0.9336	0.010
450.0	250.0	27.0	236.5	0.0	0.0	1.0000	0.9336	0.010
480.0	223.0	34.0	206.0	0.0	0.0	1.0000	0.9336	0.010
510.0	189.0	26.0	176.0	0.0	0.0	1.0000	0.9336	0.010
540.0	163.0	32.0	147.0	0.0	0.0	1.0000	0.9336	0.010
570.0	131.0	29.0	116.5	0.0	0.0	1.0000	0.9336	0.010
600.0	102.0	36.0	84.0	0.0	0.0	1.0000	0.9336	0.010
630.0	66.0	15.0	58.5	0.0	0.0	1.0000	0.9336	0.010
660.0	51.0	14.0	44.0	0.0	0.0	1.0000	0.9336	0.010
690.0	37.0	12.0	31.0	0.0	0.0	1.0000	0.9336	0.010
720.0	25.0	13.0	18.5	0.0	0.0	1.0000	0.9336	0.010
750.0+	12.0	12.0	6.0	0.0	0.0	1.0000	0.9336	0.010

Table B14.c

In-Class Group Survival Data For Mid-range Problem Drinkers:
First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Surv-iving
0.0	820.0	4.0	818.0	7.0	0.0086	0.9914	0.9914	0.003
30.0	809.0	21.0	798.5	7.0	0.0088	0.9912	0.9828	0.005
60.0	781.0	26.0	768.0	5.0	0.0065	0.9935	0.9764	0.005
90.0	750.0	22.0	739.0	9.0	0.0122	0.9878	0.9645	0.007
120.0	719.0	34.0	702.0	2.0	0.0028	0.9972	0.9617	0.007
150.0	683.0	49.0	658.5	5.0	0.0076	0.9924	0.9544	0.008
180.0	629.0	55.0	601.5	3.0	0.0050	0.9950	0.9497	0.008
210.0	571.0	53.0	544.5	0.0	0.0	1.0000	0.9497	0.008
240.0	518.0	43.0	496.5	1.0	0.0020	0.9980	0.9477	0.008
270.0	474.0	45.0	451.5	1.0	0.0022	0.9978	0.9456	0.008
300.0	428.0	40.0	408.0	2.0	0.0049	0.9951	0.9410	0.009
330.0	386.0	23.0	374.5	2.0	0.0053	0.9947	0.9360	0.010
360.0	361.0	48.0	337.0	1.0	0.0030	0.9970	0.9332	0.010
390.0	312.0	42.0	291.0	2.0	0.0069	0.9931	0.9268	0.011
420.0	268.0	27.0	254.5	0.0	0.0	1.0000	0.9268	0.011
450.0	241.0	25.0	228.5	0.0	0.0	1.0000	0.9268	0.011
480.0	216.0	32.0	200.0	0.0	0.0	1.0000	0.9268	0.011
510.0	184.0	26.0	171.0	0.0	0.0	1.0000	0.9268	0.011
540.0	158.0	24.0	146.0	0.0	0.0	1.0000	0.9268	0.011
570.0	134.0	32.0	118.0	0.0	0.0	1.0000	0.9268	0.011
600.0	102.0	19.0	92.5	0.0	0.0	1.0000	0.9268	0.011
630.0	83.0	25.0	70.5	0.0	0.0	1.0000	0.9268	0.011
660.0	58.0	11.0	52.5	0.0	0.0	1.0000	0.9268	0.011
690.0	47.0	13.0	40.5	0.0	0.0	1.0000	0.9268	0.011
720.0	34.0	22.0	23.0	0.0	0.0	1.0000	0.9268	0.011
750.0+	12.0	12.0	6.0	0.0	0.0	1.0000	0.9268	0.011

Table B14.d

Comparison of First Offender Treatment Groups for Mid-range Problem Drinkers, Using the Lee-Desu Statistic: First DUI or Reckless Driving Offense

Overall Comparison	Statistic	2.080	D.F.	2	Prob.	0.3534,NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Control	798	55	743	93.11	-19.323		
Home Study	829	43	786	94.81	15,567		
In-Class	820	47	773	94.27	3.0671		
Pairwise Comparison	Statistic N	2.037	D.F.	1	Prob.	0.1535,NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Control	798	55	743	93.11	-11.825		
Home Study	829	43	786	94.81	11.382		
Pairwise Comparison	Statistic N	0.781	D.F.	1	Prob	-0.3769,NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Control	798	55	743	93.11	-7.4987		
In-Class	820	47	773	94.27	7.2976		
Pairwise Comparison	Statistic N	0.282	D.F.	1	Prob.	0.5955,NS	
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score		
Home Study	829	43	786	94.81	4.1846		
In-Class	820	47	773	94.27	-4.2305		

Table B15.a

Control Group Survival Data For Midrange Problem Drinkers: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	798.0	7.0	794.5	24.0	0.0302	0.9698	0.9698	0.006
30.0	767.0	27.0	753.5	23.0	0.0305	0.9695	0.9402	0.008
60.0	717.0	19.0	707.5	11.0	0.0155	0.9845	0.9256	0.009
90.0	687.0	24.0	675.0	13.0	0.0193	0.9807	0.9077	0.010
120.0	650.0	30.0	635.0	16.0	0.0252	0.9748	0.8849	0.012
150.0	604.0	52.0	578.0	8.0	0.0138	0.9862	0.8726	0.012
180.0	544.0	52.0	518.0	11.0	0.0212	0.9788	0.8541	0.013
210.0	481.0	53.0	454.5	5.0	0.0110	0.9899	0.8447	0.014
240.0	423.0	50.0	398.0	8.0	0.0201	0.9799	0.8277	0.015
270.0	365.0	32.0	349.0	4.0	0.0115	0.9885	0.8182	0.015
300.0	329.0	33.0	312.5	4.0	0.0128	0.9872	0.8078	0.016
330.0	292.0	26.0	279.0	3.0	0.0108	0.9892	0.7991	0.017
360.0	263.0	30.0	248.0	3.0	0.0121	0.9879	0.7894	0.017
390.0	230.0	32.0	214.0	1.0	0.0047	0.9953	0.7857	0.018
420.0	197.0	28.0	183.0	1.0	0.0055	0.9945	0.7814	0.018
450.0	168.0	23.0	156.5	0.0	0.0	1.0000	0.7814	0.018
480.0	145.0	27.0	131.5	0.0	0.0	1.0000	0.7814	0.018
510.0	118.0	16.0	110.0	2.0	0.0182	0.9818	0.7672	0.020
540.0	100.0	22.0	89.0	0.0	0.0	1.0000	0.7672	0.020
570.0	78.0	22.0	67.0	0.0	0.0	1.0000	0.7672	0.020
600.0	56.0	13.0	49.5	0.0	0.0	1.0000	0.7672	0.020
630.0	43.0	11.0	37.5	0.0	0.0	1.0000	0.7672	0.020
660.0	32.0	13.0	25.5	0.0	0.0	1.0000	0.7672	0.020
690.0	19.0	6.0	16.0	0.0	0.0	1.0000	0.7672	0.020
720.0	13.0	7.0	9.5	0.0	0.0	1.0000	0.7672	0.020
750.0+	6.0	6.0	3.0	0.0	0.0	1.0000	0.7672	0.020

Table B15.b

Home Study Group Survival Data For Midrange Problem Drinkers: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Surv-ving
0.0	829.0	4.0	827.0	14.0	0.0169	0.9831	0.9831	0.004
30.0	811.0	26.0	798.0	24.0	0.0301	0.9699	0.9535	0.007
60.0	761.0	26.0	748.0	18.0	0.0241	0.9759	0.9306	0.009
90.0	717.0	24.0	705.0	17.0	0.0241	0.9759	0.9081	0.010
120.0	676.0	37.0	657.5	12.0	0.0183	0.9817	0.8915	0.011
150.0	627.0	45.0	604.5	11.0	0.0182	0.9818	0.8753	0.012
180.0	571.0	53.0	544.5	9.0	0.0165	0.9835	0.8609	0.013
210.0	509.0	45.0	486.5	10.0	0.0206	0.9794	0.8432	0.014
240.0	454.0	47.0	430.5	10.0	0.0232	0.9768	0.8236	0.015
270.0	397.0	33.0	380.5	5.0	0.0131	0.9869	0.8128	0.015
300.0	359.0	33.0	342.5	3.0	0.0088	0.9912	0.8056	0.016
330.0	323.0	30.0	308.0	0.0	0.0	1.0000	0.8056	0.016
360.0	293.0	38.0	274.0	2.0	0.0073	0.9927	0.7998	0.016
390.0	253.0	39.0	233.5	2.0	0.0086	0.9914	0.7929	0.017
420.0	212.0	23.0	200.5	1.0	0.0050	0.9950	0.7889	0.017
450.0	188.0	25.0	175.5	0.0	0.0	1.0000	0.7889	0.017
480.0	163.0	31.0	147.5	0.0	0.0	1.0000	0.7889	0.017
510.0	132.0	20.0	122.0	2.0	0.0164	0.9836	0.7760	0.019
540.0	110.0	24.0	98.0	0.0	0.0	1.0000	0.7760	0.019
570.0	86.0	21.0	75.5	0.0	0.0	1.0000	0.7760	0.019
600.0	65.0	25.0	52.5	0.0	0.0	1.0000	0.7760	0.019
630.0	40.0	9.0	35.5	0.0	0.0	1.0000	0.7760	0.019
660.0	31.0	8.0	27.0	0.0	0.0	1.0000	0.7760	0.019
690.0	23.0	8.0	19.0	0.0	0.0	1.0000	0.7760	0.019
720.0	15.0	8.0	11.0	0.0	0.0	1.0000	0.7760	0.019
750.0+	7.0	7.0	3.5	0.0	0.0	1.0000	0.7760	0.019

Table B15.c

In-Class Group Survival Data For Midrange Problem Drinkers: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	820.0	4.0	818.0	27.0	0.0330	0.9670	0.9670	0.006
30.0	789.0	21.0	778.5	23.0	0.0295	0.9705	0.9384	0.008
60.0	745.0	26.0	732.0	14.0	0.0191	0.9809	0.9205	0.010
90.0	705.0	22.0	694.0	17.0	0.0245	0.9755	0.8979	0.011
120.0	666.0	34.0	649.0	16.0	0.0247	0.9753	0.8758	0.012
150.0	616.0	48.0	592.0	9.0	0.0152	0.9848	0.8625	0.012
180.0	559.0	52.0	533.0	9.0	0.0169	0.9831	0.8479	0.013
210.0	498.0	51.0	472.5	5.0	0.0106	0.9894	0.8389	0.014
240.0	442.0	40.0	422.0	7.0	0.0166	0.9834	0.8250	0.014
270.0	395.0	41.0	374.5	2.0	0.0053	0.9947	0.8206	0.015
300.0	352.0	35.0	334.5	6.0	0.0179	0.9821	0.8059	0.016
330.0	311.0	19.0	301.5	3.0	0.0100	0.9900	0.7979	0.016
360.0	289.0	41.0	268.5	6.0	0.0223	0.9777	0.7801	0.017
390.0	242.0	36.0	224.0	4.0	0.0179	0.9821	0.7661	0.018
420.0	202.0	21.0	191.5	0.0	0.0	1.0000	0.7661	0.018
450.0	181.0	24.0	169.0	0.0	0.0	1.0000	0.7661	0.018
480.0	157.0	26.0	144.0	1.0	0.0069	0.9931	0.7608	0.019
510.0	130.0	22.0	119.0	1.0	0.0084	0.9916	0.7544	0.020
540.0	107.0	17.0	98.5	0.0	0.0	1.0000	0.7544	0.020
570.0	90.0	24.0	78.0	1.0	0.0128	0.9872	0.7447	0.022
600.0	65.0	12.0	59.0	0.0	0.0	1.0000	0.7447	0.022
630.0	53.0	22.0	42.0	0.0	0.0	1.0000	0.7447	0.022
660.0	31.0	5.0	28.5	0.0	0.0	1.0000	0.7447	0.022
690.0	26.0	8.0	22.0	0.0	0.0	1.0000	0.7447	0.022
720.0	18.0	14.0	11.0	0.0	0.0	1.0000	0.7447	0.022
750.0+	4.0	4.0	2.0	0.0	0.0	1.0000	0.7447	0.022

Table B15.d

Comparison of First Offender Treatment Groups For Midrange Problem Drinkers, Using the Lee-Desu Statistic: First Moving Violation or Any A/R Offense

Overall Comparison	Statistic	0.581	D.F.	2	Prob.	0.7479, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	798	137	661	82.83	1.0489	
Home Study	829	140	689	83.11	14.526	
In-Class	820	151	669	81.59	-15.706	
Pairwise Comparison	Statistic	0.115	D.F.	1	Prob.	0.7342, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	798	137	661	82.83	-4.5439	
Home Study	829	140	689	83.11	4.3739	
Pariwise Comparison	Statistic	0.170	D.F.	1	Prob.	0.6801, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	798	137	661	82.83	5.5927	
In-Class	820	151	669	81.59	-5.4427	
Pairwise Comparison	Statistic	0.577	D.F.	1	Prob.	0.4475, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Home Study	829	140	689	83.11	10.152	
In-Class	820	151	669	81.59	-10.263	

Table B16.a

Control Group Survival Data For Severe Problem Drinkers: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	202.0	5.0	199.5	1.0	0.0050	0.9950	0.9950	0.005
30.0	196.0	10.0	191.0	2.0	0.0105	0.9895	0.9846	0.009
60.0	184.0	9.0	179.5	5.0	0.0279	0.9721	0.9571	0.015
90.0	170.0	8.0	166.0	2.0	0.0120	0.9880	0.9456	0.017
120.0	160.0	5.0	157.5	1.0	0.0063	0.9937	0.9396	0.018
150.0	154.0	13.0	147.5	2.0	0.0136	0.9864	0.9269	0.020
180.0	139.0	8.0	135.0	1.0	0.0074	0.9926	0.9200	0.021
210.0	130.0	14.0	123.0	0.0	0.0	1.0000	0.9200	0.021
240.0	116.0	8.0	112.0	2.0	0.0179	0.9821	0.9036	0.023
270.0	106.0	4.0	104.0	0.0	0.0	1.0000	0.9036	0.023
300.0	102.0	7.0	98.5	1.0	0.0102	0.9898	0.8944	0.025
330.0	94.0	10.0	89.0	0.0	0.0	1.0000	0.8944	0.025
360.0	84.0	6.0	81.0	0.0	0.0	1.0000	0.8944	0.025
390.0	78.0	5.0	75.5	1.0	0.0132	0.9868	0.8826	0.027
420.0	72.0	7.0	68.5	2.0	0.0292	0.9708	0.8568	0.032
450.0	63.0	5.0	60.5	1.0	0.0165	0.9835	0.8426	0.034
480.0	57.0	4.0	55.0	0.0	0.0	1.0000	0.8426	0.034
510.0	53.0	4.0	51.0	0.0	0.0	1.0000	0.8426	0.034
540.0	49.0	6.0	46.0	0.0	0.0	1.0000	0.8426	0.034
570.0	43.0	3.0	41.5	1.0	0.0241	0.9759	0.8223	0.039
600.0	39.0	9.0	34.5	0.0	0.0	1.0000	0.8223	0.039
630.0	30.0	7.0	26.5	0.0	0.0	1.0000	0.8223	0.039
660.0	23.0	7.0	19.5	0.0	0.0	1.0000	0.8223	0.039
690.0	16.0	4.0	14.0	0.0	0.0	1.0000	0.8223	0.039
720.0	12.0	9.0	7.5	0.0	0.0	1.0000	0.8223	0.039
750.0+	3.0	3.0	1.5	0.0	0.0	1.0000	0.8223	0.039

Table B16.b

Home Study Group Survival Data For Severe Problem Drinkers: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	223.0	4.0	221.0	2.0	0.0090	0.9910	0.9910	0.006
30.0	217.0	13.0	210.5	3.0	0.0143	0.9857	0.9768	0.010
60.0	201.0	10.0	196.0	2.0	0.0102	0.9898	0.9669	0.012
90.0	189.0	11.0	183.5	0.0	0.0	1.0000	0.9669	0.012
120.0	178.0	7.0	174.5	0.0	0.0	1.0000	0.9669	0.012
150.0	171.0	10.0	166.0	4.0	0.0241	0.9759	0.9436	0.017
180.0	157.0	13.0	150.5	0.0	0.0	1.0000	0.9436	0.017
210.0	144.0	10.0	139.0	1.0	0.0072	0.9928	0.9368	0.018
240.0	133.0	6.0	130.0	0.0	0.0	1.0000	0.9368	0.018
270.0	127.0	6.0	124.0	2.0	0.0161	0.9839	0.9217	0.021
300.0	119.0	5.0	116.5	0.0	0.0	1.0000	0.9217	0.021
330.0	114.0	13.0	107.5	2.0	0.0186	0.9814	0.9045	0.023
360.0	99.0	9.0	94.5	0.0	0.0	1.0000	0.9045	0.023
390.0	90.0	8.0	86.0	3.0	0.0349	0.9651	0.8730	0.029
420.0	79.0	6.0	76.0	0.0	0.0	1.0000	0.8730	0.029
450.0	73.0	2.0	72.0	0.0	0.0	1.0000	0.8730	0.029
480.0	71.0	7.0	67.5	0.0	0.0	1.0000	0.8730	0.029
510.0	64.0	6.0	61.0	0.0	0.0	1.0000	0.8730	0.029
540.0	58.0	6.0	55.0	0.0	0.0182	0.9818	0.8571	0.032
570.0	51.0	9.0	46.5	1.0	0.0	1.0000	0.8571	0.032
600.0	42.0	9.0	37.5	0.0	0.0	1.0000	0.8571	0.032
630.0	33.0	4.0	31.0	0.0	0.0	1.0000	0.8571	0.032
660.0	29.0	6.0	26.0	0.0	0.0	1.0000	0.8571	0.032
690.0	23.0	8.0	19.0	0.0	0.0	1.0000	0.8571	0.032
720.0	15.0	12.0	9.0	0.0	0.0	1.0000	0.8571	0.032
750.0+	3.0	3.0	1.5	0.0	0.0	1.0000	0.8571	0.032

Table B16.c

In Class Group Survival Data for Severe Problem Drinkers: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	212.0	0.0	212.0	3.0	0.0142	0.9858	0.9858	0.008
30.0	209.0	11.0	203.5	1.0	0.0049	0.9951	0.9810	0.009
60.0	197.0	14.0	190.0	1.0	0.0053	0.9947	0.9758	0.011
90.0	182.0	5.0	179.5	0.0	0.0	1.0000	0.9758	0.011
120.0	177.0	7.0	173.5	0.0	0.0	1.0000	0.9758	0.011
150.0	170.0	18.0	161.0	1.0	0.0062	0.9938	0.9698	0.012
180.0	151.0	8.0	147.0	2.0	0.0136	0.9864	0.9566	0.015
210.0	141.0	13.0	134.5	0.0	0.0	1.0000	0.9566	0.015
240.0	128.0	15.0	120.5	3.0	0.0249	0.9751	0.9328	0.020
270.0	110.0	5.0	107.5	0.0	0.0	1.0000	0.9328	0.020
300.0	105.0	6.0	102.0	1.0	0.098	0.9902	0.9236	0.022
330.0	98.0	8.0	94.0	1.0	0.0106	0.9894	0.9138	0.024
360.0	89.0	9.0	84.5	0.0	0.0	1.0000	0.9138	0.024
390.0	80.0	1.0	79.5	0.0	0.0	1.0000	0.9138	0.024
420.0	79.0	7.0	75.5	0.0	0.0	1.0000	0.9138	0.024
450.0	72.0	2.0	71.0	1.0	0.0141	0.9859	0.9009	0.027
480.0	69.0	6.0	66.0	0.0	0.0	1.0000	0.9009	0.027
510.0	63.0	3.0	61.5	0.0	0.0	1.0000	0.9009	0.027
540.0	60.0	4.0	58.0	0.0	0.0	1.0000	0.9009	0.027
570.0	56.0	9.0	51.5	0.0	0.0	1.0000	0.9009	0.027
600.0	47.0	9.0	42.5	0.0	0.0	1.0000	0.9009	0.027
630.0	38.0	6.0	35.0	0.0	0.0	1.0000	0.9009	0.027
660.0	32.0	11.0	26.5	0.0	0.0	1.0000	0.9009	0.027
690.0	21.0	7.0	17.5	0.0	0.0	1.0000	0.9009	0.027
720.0	14.0	10.0	9.0	0.0	0.0	1.0000	0.9009	0.027
750.0	4.0	4.0	2.0	0.0	0.0	1.0000	0.9009	0.027

Table B16.d

Comparison of First Offender Treatment Groups For Severe Problem Drinkers, Using the Lee-Desu Statistic: First Accident

Overall Comparison	Statistic	1.982	D.F.	2	Prob. 0.3712, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	202	22	180	89.11	-9.5347
Home Study	223	20	203	91.03	-0.31839
In-Class	212	14	198	93.40	9.4198

Pairwise Comparison	Statistic	0.406	D.F.	1	Prob. 0.5238, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	202	22	180	89.11	-3.1139
Home Study	223	20	203	91.03	2.8206

Pairwise Comparison	Statistic	2.045	D.F.	1	Prob. 0.1527, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	202	22	180	89.11	-6.4208
In-Class	212	14	198	93.40	6.1179

Pairwise Comparison	Statistic	0.575	D.F.	1	Prob. 0.4484, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Home Study	223	20	203	91.03	-3.1399
In-Class	212	14	198	93.40	3.3019

Table B17.a

Control Group Survival Data for Severe Problem Drinkers:
First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survip-ving	Cumul Propn Surv At End	SE of Cumul Surv-iving
0.0	202.0	5.0	199.5	2.0	0.0100	0.9900	0.9900	0.007
30.0	195.0	10.0	190.0	3.0	0.0158	0.9842	0.9743	0.011
60.0	182.0	10.0	177.0	2.0	0.0113	0.9887	0.9633	0.014
90.0	170.0	8.0	166.0	0.0	0.0	1.0000	0.9633	0.014
120.0	162.0	5.0	159.5	3.0	0.0188	0.9812	0.9452	0.017
150.0	154.0	13.0	147.5	2.0	0.0136	0.9864	0.9324	0.019
180.0	139.0	9.0	134.5	0.0	0.0	1.0000	0.9324	0.019
210.0	130.0	14.0	123.0	2.0	0.0163	0.9837	0.9172	0.021
240.0	114.0	7.0	110.5	1.0	0.0090	0.9910	0.9089	0.023
270.0	106.0	4.0	104.0	1.0	0.0096	0.9904	0.9002	0.024
300.0	101.0	8.0	97.0	0.0	0.0	1.0000	0.9002	0.024
330.0	93.0	10.0	88.0	0.0	0.0	1.0000	0.9002	0.024
360.0	83.0	5.0	80.5	0.0	0.0	1.0000	0.9002	0.024
390.0	78.0	6.0	75.0	0.0	0.0	1.0000	0.9002	0.024
420.0	72.0	7.0	68.5	0.0	0.0	1.0000	0.9002	0.024
450.0	65.0	7.0	61.5	0.0	0.0	1.0000	0.9002	0.024
480.0	58.0	3.0	56.5	0.0	0.0	1.0000	0.9002	0.024
510.0	55.0	5.0	52.5	0.0	0.0	1.0000	0.9002	0.024
540.0	50.0	6.0	47.0	0.0	0.0	1.0000	0.9002	0.024
570.0	44.0	4.0	42.0	0.0	0.0	1.0000	0.9002	0.024
600.0	40.0	9.0	35.5	0.0	0.0	1.0000	0.9002	0.024
630.0	31.0	8.0	27.0	0.0	0.0	1.0000	0.9002	0.024
660.0	23.0	7.0	19.5	0.0	0.0	1.0000	0.9002	0.024
690.0	16.0	4.0	14.0	0.0	0.0	1.0000	0.9002	0.024
720.0	12.0	8.0	8.0	0.0	0.0	1.0000	0.9002	0.024
750.0+	4.0	4.0	2.0	0.0	0.0	1.0000	0.9002	0.024

Table B17.b

Home Study Group Survival Data For Severe Problem Drinkers:
First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn Druing Intvl	Number Exposd to Risk	Number of Terml Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Surv-iving
0.0	223.0	4.0	221.0	3.0	0.0136	0.9864	0.9864	0.008
30.0	216.0	13.0	209.5	5.0	0.0239	0.9761	0.9629	0.013
60.0	198.0	10.0	193.0	2.0	0.0104	0.9896	0.9529	0.015
90.0	186.0	11.0	180.5	1.0	0.0055	0.9945	0.9476	0.015
120.0	174.0	7.0	170.5	1.0	0.0059	0.9941	0.9421	0.016
150.0	166.0	10.0	161.0	0.0	0.0	1.0000	0.9421	0.016
180.0	156.0	14.0	149.0	1.0	0.0067	0.9933	0.9357	0.017
210.0	141.0	10.0	136.0	2.0	0.0147	0.9853	0.9220	0.020
240.0	129.0	6.0	126.0	0.0	0.0	1.0000	0.9220	0.020
270.0	123.0	6.0	120.0	2.0	0.0167	0.9833	0.9066	0.022
300.0	115.0	5.0	112.5	0.0	0.0	1.0000	0.9066	0.022
330.0	110.0	13.0	103.5	0.0	0.0	1.0000	0.9066	0.022
360.0	97.0	9.0	92.5	0.0	0.0	1.0000	0.9066	0.022
390.0	88.0	8.0	84.0	1.0	0.0119	0.9881	0.8958	0.024
420.0	79.0	5.0	76.5	0.0	0.0	1.0000	0.8958	0.024
450.0	74.0	3.0	72.5	1.0	0.0138	0.9862	0.8835	0.027
480.0	70.0	7.0	66.5	0.0	0.0	1.0000	0.8835	0.027
510.0	63.0	6.0	60.0	0.0	0.0	1.0000	0.8835	0.027
540.0	57.0	6.0	54.0	2.0	0.0370	0.9630	0.8507	0.034
570.0	49.0	7.0	45.5	1.0	0.0220	0.9780	0.8320	0.038
600.0	41.0	10.0	36.0	0.0	0.0	1.0000	0.8320	0.038
630.0	31.0	6.0	28.0	0.0	0.0	1.0000	0.8320	0.038
660.0	25.0	6.0	22.0	0.0	0.0	1.0000	0.8320	0.038
690.0	19.0	8.0	15.0	0.0	0.0	1.0000	0.8320	0.038
720.0	11.0	9.0	6.5	0.0	0.0	1.0000	0.8320	0.038
750.0+	2.0	2.0	1.0	0.0	0.0	1.0000	0.8320	0.038

Table B17.c

In-Class Group Survival Data for Severe Problem Drinkers:
First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng this Intvl	Number Wdrawn During Intvl	Number Exposed to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Surv-iving
0.0	212.0	0.0	212.0	1.0	0.0047	0.9953	0.9953	0.005
30.0	211.0	11.0	205.5	3.0	0.0146	0.9854	0.9808	0.010
60.0	197.0	14.0	190.0	0.0	0.0	1.0000	0.9808	0.010
90.0	183.0	5.0	180.5	1.0	0.0055	0.9945	0.9753	0.011
120.0	177.0	8.0	173.0	2.0	0.0116	0.9884	0.9640	0.013
150.0	167.0	19.0	157.5	3.0	0.0190	0.9810	0.9457	0.017
180.0	145.0	8.0	141.0	1.0	0.0071	0.9929	0.9390	0.018
210.0	136.0	13.0	129.5	2.0	0.0154	0.9846	0.9245	0.020
240.0	121.0	15.0	113.5	1.0	0.0088	0.9912	0.9163	0.022
270.0	105.0	5.0	102.5	1.0	0.0098	0.9902	0.9074	0.023
300.0	99.0	6.0	96.0	1.0	0.0104	0.9896	0.8979	0.025
330.0	92.0	8.0	88.0	1.0	0.0114	0.9886	0.8877	0.027
360.0	83.0	8.0	79.0	0.0	0.0	1.0000	0.8877	0.027
390.0	75.0	2.0	74.0	0.0	0.0	1.0000	0.8877	0.027
420.0	73.0	7.0	69.5	0.0	0.0	1.0000	0.8877	0.027
450.0	66.0	2.0	65.0	0.0	0.0	1.0000	0.8877	0.027
480.0	64.0	6.0	61.0	0.0	0.0	1.0000	0.8877	0.027
510.0	58.0	3.0	56.5	1.0	0.0177	0.9823	0.8720	0.030
540.0	54.0	2.0	53.0	0.0	0.0	1.0000	0.8720	0.030
570.0	52.0	9.0	47.5	0.0	0.0	1.0000	0.8720	0.030
600.0	43.0	9.0	38.5	0.0	0.0	1.0000	0.8720	0.030
630.0	34.0	6.0	31.0	0.0	0.0	1.0000	0.8720	0.030
660.0	28.0	9.0	23.5	0.0	0.0	1.0000	0.8720	0.030
690.0	19.0	7.0	15.5	0.0	0.0	1.0000	0.8720	0.030
720.0	12.0	8.0	8.0	0.0	0.0	1.0000	0.8720	0.030
750.0+	4.0	4.0	2.0	0.0	0.0	1.0000	0.8720	0.030

Table B17.d

Comparison of First Offender Treatment Groups for Severe Problem Drinkers, Using the Lee-Desu Statistic: First DUI or Reckless Driving Offense

Overall Comparison	Statistic	0.246	D.F.	2	Prob.	0.8841, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	202	16	186	92.08	0.52475	
Home Study	223	22	201	90.13	-3.5426	
In-Class	212	18	194	91.51	3.2264	
Pairwise Comparison	Statistic	0.085	D.F.	1	Prob.	0.7701, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	202	16	186	92.08	1.4554	
Home Study	223	22	201	90.13	-1.3184	
Pairwise Comparison	Statistic	0.041	D.F.	1	Prob.	0.8396, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Control	202	16	186	92.08	-0.93069	
In-Class	212	18	194	91.51	0.88679	
Pairwise Comparison	Statistic	0.238	D.F.	1	Prob.	0.6259, NS
Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score	
Home Study	223	22	201	90.13	-2.2242	
In-Class	212	18	194	91.51	2.3396	

Table B18.a

Control Group Survival Data For Severe Problem Drinkers: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	202.0	5.0	199.5	8.0	0.0401	0.9599	0.9599	0.014
30.0	189.0	10.0	184.0	3.0	0.0163	0.9837	0.9442	0.016
60.0	176.0	10.0	171.0	3.0	0.0175	0.9825	0.9277	0.019
90.0	163.0	8.0	159.0	2.0	0.0126	0.9874	0.9160	0.020
120.0	153.0	5.0	150.5	2.0	0.0133	0.9867	0.9038	0.022
150.0	146.0	13.0	139.5	2.0	0.0143	0.9857	0.8909	0.023
180.0	131.0	9.0	126.5	2.0	0.0158	0.9842	0.8768	0.025
210.0	120.0	14.0	113.0	4.0	0.0354	0.9646	0.8458	0.028
240.0	102.0	6.0	99.0	3.0	0.0303	0.9697	0.8201	0.031
270.0	93.0	3.0	91.5	1.0	0.0109	0.9891	0.8112	0.032
300.0	89.0	7.0	85.5	1.0	0.0117	0.9883	0.8017	0.033
330.0	81.0	10.0	76.0	1.0	0.0132	0.9868	0.7911	0.034
360.0	70.0	5.0	67.5	0.0	0.0	1.0000	0.7911	0.034
390.0	65.0	5.0	62.5	0.0	0.0	1.0000	0.7911	0.034
420.0	60.0	6.0	57.0	0.0	0.0	1.0000	0.7911	0.034
450.0	54.0	7.0	50.5	1.0	0.0198	0.9802	0.7755	0.037
480.0	46.0	3.0	44.5	0.0	0.0	1.0000	0.7755	0.037
510.0	43.0	4.0	41.0	0.0	0.0	1.0000	0.7755	0.037
540.0	39.0	4.0	37.0	0.0	0.0	1.0000	0.7755	0.037
570.0	35.0	3.0	33.5	0.0	0.0	1.0000	0.7755	0.037
600.0	32.0	7.0	28.5	0.0	0.0	1.0000	0.7755	0.037
630.0	25.0	6.0	22.0	0.0	0.0	1.0000	0.7755	0.037
660.0	19.0	6.0	16.0	0.0	0.0	1.0000	0.7755	0.037
690.0	13.0	3.0	11.5	0.0	0.0	1.0000	0.7755	0.037
720.0	10.0	7.0	6.5	0.0	0.0	1.0000	0.7755	0.037
750.0+	3.0	3.0	1.5	0.0	0.0	1.0000	0.7755	0.037

Table B18.b

Home Study Group Survival Data For Severe Problem Drinkers: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	223.0	4.0	221.0	5.0	0.0226	0.9774	0.9774	0.010
30.0	214.0	13.0	207.5	7.0	0.0337	0.9663	0.9444	0.016
60.0	194.0	10.0	189.0	3.0	0.0159	0.9841	0.9294	0.018
90.0	181.0	11.0	175.5	4.0	0.0228	0.9772	0.9082	0.020
120.0	166.0	7.0	162.5	4.0	0.0246	0.9754	0.8859	0.023
150.0	155.0	10.0	150.0	2.0	0.0133	0.9867	0.8741	0.024
180.0	143.0	14.0	136.0	5.0	0.0368	0.9632	0.8419	0.027
210.0	124.0	10.0	119.0	2.0	0.0168	0.9832	0.8278	0.028
240.0	112.0	6.0	109.0	2.0	0.0183	0.9817	0.8126	0.030
270.0	104.0	6.0	101.0	0.0	0.0	1.0000	0.8126	0.030
300.0	98.0	5.0	95.5	0.0	0.0	1.0000	0.8126	0.030
330.0	93.0	12.0	87.0	0.0	0.0	1.0000	0.8126	0.030
360.0	81.0	8.0	77.0	1.0	0.0130	0.9870	0.8020	0.031
390.0	72.0	8.0	68.0	2.0	0.0294	0.9706	0.7784	0.034
420.0	62.0	4.0	60.0	0.0	0.0	1.0000	0.7784	0.034
450.0	58.0	3.0	56.5	1.0	0.0177	0.9823	0.7647	0.036
480.0	54.0	7.0	50.5	0.0	0.0	1.0000	0.7647	0.036
510.0	47.0	4.0	45.0	0.0	0.0	1.0000	0.7647	0.036
540.0	43.0	6.0	40.0	3.0	0.0750	0.9250	0.7073	0.046
570.0	34.0	5.0	31.5	0.0	0.0	1.0000	0.7073	0.046
600.0	29.0	8.0	25.0	0.0	0.0	1.0000	0.7073	0.046
630.0	21.0	4.0	19.0	0.0	0.0	1.0000	0.7073	0.046
660.0	17.0	3.0	15.5	0.0	0.0	1.0000	0.7073	0.046
690.0	14.0	4.0	12.0	0.0	0.0	1.0000	0.7073	0.046
720.0	10.0	8.0	6.0	0.0	0.0	1.0000	0.7073	0.046
750.0+	2.0	2.0	1.0	0.0	0.0	1.0000	0.7073	0.046

Table B18.c

In-Class Group Survival Data For Severe Problem Drinkers: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	212.0	0.0	212.0	7.0	0.0330	0.9670	0.9670	0.012
30.0	205.0	11.0	199.5	4.0	0.0201	0.9799	0.9476	0.015
60.0	190.0	14.0	183.0	2.0	0.0109	0.9891	0.9372	0.017
90.0	174.0	5.0	171.5	5.0	0.0292	0.9708	0.9099	0.020
120.0	164.0	8.0	160.0	3.0	0.0188	0.9813	0.8929	0.022
150.0	153.0	19.0	143.5	3.0	0.0209	0.9791	0.8742	0.024
180.0	131.0	8.0	127.0	3.0	0.0236	0.9764	0.8535	0.026
210.0	120.0	11.0	114.5	2.0	0.0175	0.9825	0.8386	0.028
240.0	107.0	15.0	99.5	3.0	0.0302	0.9698	0.8133	0.031
270.0	89.0	4.0	87.0	2.0	0.0230	0.9770	0.7946	0.033
300.0	83.0	5.0	80.5	1.0	0.0124	0.9876	0.7848	0.034
330.0	77.0	6.0	74.0	2.0	0.0270	0.9730	0.7636	0.036
360.0	69.0	8.0	65.0	1.0	0.0154	0.9846	0.7518	0.037
390.0	60.0	1.0	59.5	1.0	0.0168	0.9832	0.7392	0.039
420.0	58.0	5.0	55.5	1.0	0.0180	0.9820	0.7259	0.040
450.0	52.0	2.0	51.0	0.0	0.0	1.0000	0.7259	0.040
480.0	50.0	6.0	47.0	0.0	0.0	1.0000	0.7259	0.040
510.0	44.0	3.0	42.5	1.0	0.0235	0.9765	0.7088	0.043
540.0	40.0	2.0	39.0	0.0	0.0	1.0000	0.7088	0.043
570.0	38.0	7.0	34.5	0.0	0.0	1.0000	0.7088	0.043
600.0	31.0	8.0	27.0	0.0	0.0	1.0000	0.7088	0.043
630.0	23.0	4.0	21.0	0.0	0.0	1.0000	0.7088	0.043
660.0	19.0	8.0	15.0	0.0	0.0	1.0000	0.7088	0.043
690.0	11.0	4.0	9.0	0.0	0.0	1.0000	0.7088	0.043
720.0	7.0	5.0	4.5	0.0	0.0	1.0000	0.7088	0.043
750.0+	2.0	2.0	1.0	0.0	0.0	1.0000	0.7088	0.043

Table B18.d

Comparison of First Offender Treatment Groups For Severe Problem Drinkers, Using the Lee-Desu Statistic: First Moving Violation or Any A/R Offense

Overall Comparison	Statistic	0.209	D.F.	2	Prob. 0.9009, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	202	33	169	83.66	4.8119
Home Study	223	41	182	81.61	-0.49776
In-Class	212	41	171	80.66	-4.0613

Pairwise Comparison	Statistic	0.069	D.F.	1	Prob. 0.7928, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	202	33	169	83.66	1.7574
Home Study	223	41	182	81.61	-1.5919

Pairwise Comparison	Statistic	0.221	D.F.	1	Prob. 0.6385, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Control	202	33	169	83.66	3.0545
In-Class	212	41	171	80.66	-2.9104

Pairwise Comparison	Statistic	0.029	D.F.	1	Prob. 0.8641, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Home Study	223	41	182	81.61	1.0942
In-Class	212	41	171	80.66	-1.1509

APPENDIX C

Survival Data and Test Statistic
Summary Tables
for
Letter Monitoring and Follow-Up
Interview Analyses

APPENDIX C DIRECTORY

Table C1.a

Survival Data For Clients Receiving Quarterly Monitoring Letters: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1926.0	16.0	1918.0	19.0	0.0099	0.9901	0.9901	0.002
30.0	1891.0	59.0	1861.5	15.0	0.0081	0.9919	0.9821	0.003
60.0	1817.0	61.0	1786.5	22.0	0.0123	0.9877	0.9700	0.004
90.0	1734.0	56.0	1706.0	20.0	0.0117	0.9883	0.9586	0.005
120.0	1658.0	86.0	1615.0	10.0	0.0062	0.9938	0.9527	0.005
150.0	1562.0	111.0	1506.5	12.0	0.0080	0.9920	0.9451	0.005
180.0	1439.0	109.0	1384.5	7.0	0.0051	0.9949	0.9403	0.006
210.0	1323.0	128.0	1259.0	3.0	0.0024	0.9976	0.9381	0.006
240.0	1192.0	111.0	1136.5	12.0	0.0106	0.9894	0.9282	0.006
270.0	1069.0	84.0	1027.0	10.0	0.0097	0.9903	0.9192	0.007
300.0	975.0	72.0	939.0	7.0	0.0075	0.9925	0.9123	0.007
330.0	896.0	68.0	862.0	6.0	0.0070	0.9930	0.9060	0.008
360.0	822.0	118.0	763.0	5.0	0.0066	0.9934	0.9000	0.008
390.0	699.0	89.0	654.5	9.0	0.0138	0.9862	0.8876	0.009
420.0	601.0	60.0	571.0	4.0	0.0070	0.9930	0.8814	0.009
450.0	537.0	55.0	509.5	5.0	0.0098	0.9902	0.8728	0.010
480.0	477.0	60.0	447.0	2.0	0.0045	0.9955	0.8689	0.010
510.0	415.0	54.0	388.0	2.0	0.0052	0.9948	0.8644	0.011
540.0	359.0	47.0	335.5	2.0	0.0060	0.9940	0.8592	0.011
570.0	310.0	73.0	273.5	1.0	0.0037	0.9963	0.8561	0.012
600.0	236.0	52.0	210.0	0.0	0.0	1.0000	0.8561	0.012
630.0	184.0	26.0	171.0	0.0	0.0	1.0000	0.8561	0.012
660.0	158.0	42.0	137.0	0.0	0.0	1.0000	0.8561	0.012
690.0	116.0	33.0	99.5	0.0	0.0	1.0000	0.8561	0.012
720.0	83.0	57.0	54.5	0.0	0.0	1.0000	0.8561	0.012
750.0+	26.0	26.0	13.0	0.0	0.0	1.0000	0.8561	0.012

Table C1.b

Survival Data For Clients Not Receiving Quarterly Monitoring Letters: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposed to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1939.0	14.0	1932.0	23.0	0.0119	0.9881	0.9881	0.002
30.0	1902.0	62.0	1871.0	20.0	0.0107	0.9893	0.9775	0.003
60.0	1820.0	73.0	1783.5	14.0	0.0078	0.9922	0.9699	0.004
90.0	1733.0	70.0	1698.0	6.0	0.0035	0.9965	0.9664	0.004
120.0	1657.0	74.0	1620.0	11.0	0.0068	0.9932	0.9599	0.005
150.0	1572.0	109.0	1517.5	13.0	0.0086	0.9914	0.9516	0.005
180.0	1450.0	114.0	1393.0	13.0	0.0093	0.9907	0.9428	0.006
210.0	1323.0	125.0	1260.5	8.0	0.0063	0.9937	0.9368	0.006
240.0	1190.0	111.0	1134.5	8.0	0.0071	0.9929	0.9302	0.006
270.0	1071.0	76.0	1033.0	5.0	0.0048	0.9952	0.9257	0.007
300.0	990.0	82.0	949.0	6.0	0.0063	0.9937	0.9198	0.007
330.0	902.0	79.0	862.5	5.0	0.0058	0.9942	0.9145	0.007
360.0	818.0	99.0	768.5	8.0	0.0104	0.9896	0.9050	0.008
390.0	711.0	85.0	668.5	4.0	0.0060	0.9940	0.8996	0.008
420.0	622.0	68.0	588.0	2.0	0.0034	0.9966	0.8965	0.009
450.0	552.0	54.0	525.0	1.0	0.0019	0.9981	0.8948	0.009
480.0	497.0	72.0	461.0	2.0	0.0043	0.9957	0.8909	0.009
510.0	423.0	40.0	403.0	1.0	0.0025	0.9975	0.8887	0.009
540.0	382.0	64.0	350.0	0.0	0.0	1.0000	0.8887	0.009
570.0	318.0	53.0	291.5	0.0	0.0	1.0000	0.8887	0.009
600.0	265.0	53.0	238.5	0.0	0.0	1.0000	0.8887	0.009
630.0	212.0	56.0	184.0	0.0	0.0	1.0000	0.8887	0.009
660.0	156.0	39.0	136.5	0.0	0.0	1.0000	0.8887	0.009
690.0	117.0	38.0	98.0	2.0	0.0204	0.9796	0.8706	0.016
720.0	77.0	49.0	52.5	0.0	0.0	1.0000	0.8706	0.016
750.0+	28.0	28.0	14.0	0.0	0.0	1.0000	0.8706	0.016

Table C1.c

Comparison of Monitoring Letter and No Monitoring Letter Groups, Using the Lee-Desu Statistic: First Accident

Overall Comparison	Statistic	0.632	D.F.	1	Prob.	0.4265, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Monitoring Letters	1926	173	1753	91.02	-11.013
No Monitoring Letters	1939	152	1787	92.16	10.940

Table C2.a

Survival Data For Clients Receiving Quarterly Monitoring Letters: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1926.0	16.0	1918.0	19.0	0.0099	0.9901	0.9901	0.002
30.0	1891.0	59.0	1861.5	20.0	0.0107	0.9893	0.9795	0.003
60.0	1812.0	61.0	1781.5	15.0	0.0084	0.9916	0.9712	0.004
90.0	1736.0	56.0	1708.0	17.0	0.0100	0.9900	0.9615	0.004
120.0	1663.0	87.0	1619.5	6.0	0.0037	0.9963	0.9580	0.005
150.0	1570.0	117.0	1511.5	11.0	0.0073	0.9927	0.9510	0.005
180.0	1442.0	108.0	1388.0	10.0	0.0072	0.9928	0.9442	0.006
210.0	1324.0	130.0	1259.0	10.0	0.0079	0.9921	0.9367	0.006
240.0	1184.0	110.0	1129.0	5.0	0.0044	0.9956	0.9325	0.006
270.0	1069.0	88.0	1025.0	6.0	0.0059	0.9941	0.9271	0.007
300.0	975.0	72.0	939.0	5.0	0.0053	0.9947	0.9221	0.007
330.0	898.0	73.0	861.5	4.0	0.0046	0.9954	0.9178	0.007
360.0	821.0	110.0	766.0	3.0	0.0039	0.9961	0.9142	0.007
390.0	708.0	97.0	659.5	1.0	0.0015	0.9985	0.9129	0.008
420.0	610.0	59.0	580.5	2.0	0.0034	0.9966	0.9097	0.008
450.0	549.0	62.0	518.0	1.0	0.0019	0.9981	0.9080	0.008
480.0	486.0	60.0	456.0	0.0	0.0	1.0000	0.9080	0.008
510.0	426.0	56.0	398.0	0.0	0.0	1.0000	0.9080	0.008
540.0	370.0	45.0	347.5	1.0	0.0029	0.9971	0.9053	0.008
570.0	324.0	70.0	289.0	1.0	0.0035	0.9965	0.9022	0.009
600.0	253.0	60.0	223.0	0.0	0.0	1.0000	0.9022	0.009
630.0	193.0	31.0	177.5	0.0	0.0	1.0000	0.9022	0.009
660.0	162.0	45.0	139.5	0.0	0.0	1.0000	0.9022	0.009
690.0	117.0	35.0	99.5	0.0	0.0	1.0000	0.9022	0.009
720.0	82.0	51.0	56.5	0.0	0.0	1.0000	0.9022	0.009
750.0+	31.0	31.0	15.5	0.0	0.0	1.0000	0.9022	0.009

Table C2.b

Survival Data For Clients Not Receiving Quarterly Monitoring Letters: First DUI or Reckless Driving Offenses

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1939.0	14.0	1932.0	12.0	0.0062	0.9938	0.9938	0.002
30.0	1913.0	63.0	1881.5	21.0	0.0112	0.9888	0.9827	0.003
60.0	1829.0	74.0	1792.0	12.0	0.0067	0.9933	0.9761	0.004
90.0	1743.0	70.0	1708.0	8.0	0.0047	0.9953	0.9715	0.004
120.0	1665.0	74.0	1628.0	6.0	0.0037	0.9963	0.9680	0.004
150.0	1585.0	112.0	1529.0	11.0	0.0072	0.9928	0.9610	0.005
180.0	1462.0	115.0	1404.5	7.0	0.0050	0.9950	0.9562	0.005
210.0	1340.0	124.0	1278.0	3.0	0.0023	0.9977	0.9540	0.005
240.0	1213.0	117.0	1154.5	4.0	0.0035	0.9965	0.9507	0.005
270.0	1092.0	79.0	1052.5	2.0	0.0019	0.9981	0.9489	0.005
300.0	1011.0	87.0	967.5	2.0	0.0021	0.9979	0.9469	0.006
330.0	922.0	83.0	880.5	3.0	0.0034	0.9966	0.9437	0.006
360.0	836.0	99.0	786.5	0.0	0.0	1.0000	0.9437	0.006
390.0	737.0	93.0	690.5	2.0	0.0029	0.9971	0.9409	0.006
420.0	642.0	69.0	670.5	2.0	0.0033	0.9967	0.9378	0.007
450.0	571.0	59.0	541.5	1.0	0.0018	0.9982	0.9361	0.007
480.0	511.0	74.0	474.0	1.0	0.0021	0.9979	0.9341	0.007
510.0	436.0	44.0	414.0	1.0	0.0024	0.9976	0.9319	0.007
540.0	391.0	69.0	356.5	1.0	0.0028	0.9972	0.9293	0.008
570.0	321.0	55.0	293.5	0.0	0.0	1.0000	0.9293	0.008
600.0	266.0	56.0	238.0	0.0	0.0	1.0000	0.9293	0.008
630.0	210.0	59.0	180.5	0.0	0.0	1.0000	0.9293	0.008
660.0	151.0	35.0	133.5	0.0	0.0	1.0000	0.9293	0.008
690.0	116.0	39.0	96.5	0.0	0.0	1.0000	0.9293	0.008
720.0	77.0	52.0	51.0	0.0	0.0	1.0000	0.9293	0.008
750.0+	25.0	25.0	12.5	0.0	0.0	1.0000	0.9293	0.008

Table C2.c

Comparison of Monitoring Letter and No Monitoring Letter Groups, Using the Lee-Desu Statistic:
First DUI or Reckless Driving Offense

Overall Comparison	Statistic	5.564	D.F.	1	Prob.	0.0183, Sig.

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Monitoring Letters	1926	137	1789	92.89	-29.749
No Monitoring Letters	1939	99	1840	94.89	29.550

Table C3.a

Survival Data For Clients Receiving Quarterly Monitoring Letters: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1926.0	16.0	1918.0	58.0	0.0302	0.9698	0.9698	0.004
30.0	1852.0	59.0	1822.5	50.0	0.0274	0.9726	0.9432	0.005
60.0	1743.0	60.0	1713.0	28.0	0.0163	0.9837	0.9277	0.006
90.0	1655.0	56.0	1627.0	45.0	0.0277	0.9723	0.9021	0.007
120.0	1554.0	87.0	1510.5	34.0	0.0225	0.9775	0.8818	0.008
150.0	1433.0	116.0	1375.0	20.0	0.0145	0.9855	0.8689	0.008
180.0	1297.0	103.0	1245.5	23.0	0.0185	0.9815	0.8529	0.009
210.0	1171.0	123.0	1109.5	25.0	0.0225	0.9775	0.8337	0.009
240.0	1023.0	102.0	972.0	19.0	0.0195	0.9805	0.8174	0.010
270.0	902.0	78.0	863.0	7.0	0.0081	0.9919	0.8108	0.010
300.0	817.0	66.0	784.0	8.0	0.0102	0.9898	0.8025	0.010
330.0	743.0	66.0	710.0	6.0	0.0085	0.9915	0.7957	0.011
360.0	671.0	95.0	623.5	8.0	0.0128	0.9872	0.7855	0.011
390.0	568.0	89.0	523.5	6.0	0.0115	0.9885	0.7765	0.011
420.0	473.0	49.0	448.5	2.0	0.0045	0.9955	0.7730	0.012
450.0	422.0	53.0	395.5	2.0	0.0051	0.9949	0.7691	0.012
480.0	367.0	53.0	340.5	0.0	0.0	1.0000	0.7691	0.012
510.0	314.0	45.0	291.5	3.0	0.0103	0.9897	0.7612	0.013
540.0	266.0	36.0	248.0	2.0	0.0081	0.9919	0.7551	0.013
570.0	228.0	55.0	200.5	0.0	0.0	1.0000	0.7551	0.013
600.0	173.0	43.0	151.5	0.0	0.0	1.0000	0.7551	0.013
630.0	130.0	24.0	118.0	0.0	0.0	1.0000	0.7551	0.013
660.0	106.0	30.0	91.0	0.0	0.0	1.0000	0.7551	0.013
690.0	76.0	19.0	66.5	0.0	0.0	1.0000	0.7551	0.013
720.0	57.0	36.0	39.0	0.0	0.0	1.0000	0.7551	0.013
750.0+	21.0	21.0	10.5	0.0	0.0	1.0000	0.7551	0.013

Table C3.b

Survival Data For Clients Not Receiving Quarterly Monitoring Letters: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termin-ating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1939.0	14.0	1932.0	46.0	0.0238	0.9762	0.9762	0.003
30.0	1879.0	63.0	1847.5	55.0	0.0298	0.9702	0.9471	0.005
60.0	1761.0	74.0	1724.0	34.0	0.0197	0.9803	0.9285	0.006
90.0	1653.0	69.0	1618.5	26.0	0.0161	0.9839	0.9135	0.007
120.0	1558.0	72.0	1522.0	29.0	0.0191	0.9809	0.8961	0.007
150.0	1457.0	111.0	1401.5	25.0	0.0178	0.9822	0.8801	0.008
180.0	1321.0	111.0	1265.5	19.0	0.0150	0.9850	0.8669	0.008
210.0	1191.0	118.0	1132.0	12.0	0.0106	0.9894	0.8577	0.009
240.0	1061.0	111.0	1005.5	18.0	0.0179	0.9821	0.8424	0.009
270.0	932.0	73.0	895.5	9.0	0.0101	0.9899	0.8339	0.009
300.0	850.0	79.0	810.5	10.0	0.0123	0.9877	0.8236	0.010
330.0	761.0	72.0	725.0	8.0	0.0110	0.9890	0.8145	0.010
360.0	681.0	92.0	635.0	7.0	0.0110	0.9890	0.8056	0.011
390.0	582.0	77.0	543.5	4.0	0.0074	0.9926	0.7996	0.011
420.0	501.0	61.0	470.5	2.0	0.0043	0.9957	0.7962	0.011
450.0	438.0	54.0	411.0	1.0	0.0024	0.9976	0.7943	0.011
480.0	383.0	67.0	349.5	2.0	0.0057	0.9943	0.7898	0.012
510.0	314.0	36.0	296.0	5.0	0.0169	0.9831	0.7764	0.013
540.0	273.0	50.0	248.0	3.0	0.0121	0.9879	0.7670	0.014
570.0	220.0	36.0	202.0	1.0	0.0050	0.9950	0.7632	0.014
600.0	183.0	44.0	161.0	0.0	0.0	1.0000	0.7632	0.014
630.0	139.0	45.0	116.5	0.0	0.0	1.0000	0.7632	0.014
660.0	94.0	21.0	83.5	0.0	0.0	1.0000	0.7632	0.014
690.0	73.0	26.0	60.0	0.0	0.0	1.0000	0.7632	0.014
720.0	47.0	35.0	29.5	0.0	0.0	1.0000	0.7632	0.014
750.0+	12.0	12.0	6.0	0.0	0.0	1.0000	0.7632	0.014

Table C3.c

Comparison of Monitoring Letter and No Monitoring Letter Groups Using the Lee-Desu Statistic:
First Moving Violation or Any A/R Offense

Overall Comparison Statistic 2.151 D.F. 1 Prob. 0.1425, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Monitoring Letters	1926	346	1580	82.04	-29.537
No Monitoring Letters	1939	316	1623	83.70	29.339

Table C4.a

Survival Data For Clients Assigned To Follow-Up Interviews: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1276.0	15.0	1268.5	12.0	0.0095	0.9905	0.9905	0.003
30.0	1249.0	59.0	1219.5	11.0	0.0090	0.9910	0.9816	0.004
60.0	1179.0	77.0	1140.5	14.0	0.0123	0.9877	0.9696	0.005
90.0	1088.0	62.0	1057.0	9.0	0.0085	0.9915	0.9613	0.006
120.0	1017.0	77.0	978.5	5.0	0.0051	0.9949	0.9564	0.006
150.0	935.0	50.0	910.0	4.0	0.0044	0.9956	0.9522	0.006
180.0	881.0	50.0	856.0	4.0	0.0047	0.9953	0.9477	0.007
210.0	827.0	97.0	778.5	3.0	0.0039	0.9961	0.9441	0.007
240.0	727.0	106.0	674.0	5.0	0.0074	0.9926	0.9371	0.008
270.0	616.0	75.0	578.5	2.0	0.0035	0.9965	0.9338	0.008
300.0	539.0	84.0	497.0	3.0	0.0060	0.9940	0.9282	0.009
330.0	452.0	72.0	416.0	2.0	0.0048	0.9952	0.9237	0.009
360.0	378.0	109.0	323.5	3.0	0.0093	0.9907	0.9152	0.010
390.0	266.0	98.0	217.0	2.0	0.0092	0.9908	0.9067	0.012
420.0	166.0	67.0	132.5	0.0	0.0	1.0000	0.9067	0.012
450.0	99.0	47.0	75.5	0.0	0.0	1.0000	0.9067	0.012
480.0	52.0	41.0	31.5	0.0	0.0	1.0000	0.9067	0.012
510.0	11.0	11.0	5.5	0.0	0.0	1.0000	0.9067	0.012

Table C4.b

Survival Data For Clients Not Assigned to Follow-Up Interviews: First Accident

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1673.0	15.0	1665.5	20.0	0.0120	0.9880	0.9880	0.003
30.0	1638.0	62.0	1607.0	9.0	0.0056	0.9944	0.9825	0.003
60.0	1567.0	57.0	1538.5	14.0	0.0091	0.9909	0.9735	0.004
90.0	1496.0	64.0	1464.0	10.0	0.0068	0.9932	0.9669	0.004
120.0	1422.0	83.0	1380.5	6.0	0.0043	0.9957	0.9627	0.005
150.0	1333.0	170.0	1248.0	13.0	0.0104	0.9896	0.9526	0.005
180.0	1150.0	173.0	1063.5	8.0	0.0075	0.9925	0.9455	0.006
210.0	969.0	156.0	891.0	2.0	0.0022	0.9978	0.9434	0.006
240.0	811.0	115.0	753.5	4.0	0.0053	0.9947	0.9383	0.007
270.0	692.0	83.0	650.5	4.0	0.0061	0.9939	0.9326	0.007
300.0	605.0	70.0	570.0	2.0	0.0035	0.9965	0.9293	0.008
330.0	533.0	74.0	496.0	1.0	0.0020	0.9980	0.9274	0.008
360.0	458.0	108.0	404.0	3.0	0.0074	0.9926	0.9205	0.009
390.0	347.0	75.0	309.5	2.0	0.0065	0.9935	0.9146	0.010
420.0	270.0	59.0	240.5	1.0	0.0042	0.9958	0.9108	0.010
450.0	210.0	62.0	179.0	0.0	0.0	1.0000	0.9108	0.010
480.0	148.0	91.0	102.5	0.0	0.0	1.0000	0.9108	0.010
510.0	57.0	57.0	28.5	0.0	0.0	1.0000	0.9108	0.010

Table C4.c

Comparison of Follow-Up and No Follow-Up Groups, Using the Lee-Desu Statistic: First Accident

Overall Comparison	Statistic	0.046	D.F.	1	Prob.	0.8306, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Follow-Up Interviews	1276	79	1197	93.81	-2.6183
No Follow-Up Interviews	1673	99	1574	94.08	1.9970

Table C5.a

Survival Data For Clients Assigned to Follow-Up Interviews: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1276.0	15.0	1268.5	9.0	0.0071	0.9929	0.9929	0.002
30.0	1252.0	59.0	1222.5	5.0	0.0041	0.9959	0.9888	0.003
60.0	1188.0	78.0	1149.0	6.0	0.0052	0.9948	0.9837	0.004
90.0	1104.0	62.0	1073.0	8.0	0.0075	0.9925	0.9763	0.004
120.0	1034.0	76.0	996.0	2.0	0.0020	0.9980	0.9744	0.005
150.0	956.0	52.0	930.0	3.0	0.0032	0.9968	0.9712	0.005
180.0	901.0	52.0	875.0	3.0	0.0034	0.9966	0.9679	0.005
210.0	846.0	100.0	796.0	1.0	0.0013	0.9987	0.9667	0.005
240.0	745.0	111.0	689.5	2.0	0.0029	0.9971	0.9639	0.006
270.0	632.0	81.0	591.5	2.0	0.0034	0.9966	0.9606	0.006
300.0	549.0	86.0	506.0	0.0	0.0	1.0000	0.9606	0.006
330.0	463.0	75.0	425.5	1.0	0.0024	0.9976	0.9584	0.007
360.0	387.0	107.0	333.5	0.0	0.0	1.0000	0.9584	0.007
390.0	280.0	103.0	228.5	1.0	0.0044	0.9956	0.9542	0.008
420.0	176.0	68.0	142.0	0.0	0.0	1.0000	0.9542	0.008
450.0	108.0	56.0	80.0	0.0	0.0	1.0000	0.9542	0.008
480.0	52.0	38.0	33.0	0.0	0.0	1.0000	0.9542	0.008
510.0	14.0	14.0	7.0	0.0	0.0	1.0000	0.9542	0.008

Table C5.b

Survival Data For Clients Not Assigned to Follow-Up Interviews: First DUI or Reckless Driving Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1673.0	15.0	1665.5	13.0	0.0078	0.9922	0.9922	0.002
30.0	1645.0	63.0	1613.5	12.0	0.0074	0.9926	0.9848	0.003
60.0	1570.0	57.0	1541.5	11.0	0.0071	0.9929	0.9778	0.004
90.0	1502.0	64.0	1470.0	7.0	0.0048	0.9952	0.9731	0.004
120.0	1431.0	85.0	1388.5	1.0	0.0007	0.9993	0.9724	0.004
150.0	1345.0	177.0	1256.5	4.0	0.0032	0.9968	0.9693	0.004
180.0	1164.0	171.0	1078.5	7.0	0.0065	0.9935	0.9630	0.005
210.0	986.0	154.0	909.0	3.0	0.0033	0.9967	0.9599	0.005
240.0	829.0	115.0	771.5	3.0	0.0039	0.9961	0.9561	0.006
270.0	711.0	84.0	669.0	2.0	0.0030	0.9970	0.9533	0.006
300.0	625.0	73.0	588.5	0.0	0.0	1.0000	0.9533	0.006
330.0	552.0	80.0	512.0	1.0	0.0020	0.9980	0.9514	0.006
360.0	471.0	102.0	420.0	2.0	0.0048	0.9952	0.9469	0.007
390.0	367.0	86.0	324.0	0.0	0.0	1.0000	0.9469	0.007
420.0	281.0	59.0	251.5	1.0	0.0040	0.9960	0.9431	0.008
450.0	221.0	65.0	188.5	0.0	0.0	1.0000	0.9431	0.008
480.0	156.0	96.0	108.0	0.0	0.0	1.0000	0.9431	0.008
510.0	60.0	60.0	30.0	0.0	0.0	1.0000	0.9431	0.008

Table C5.c

Comparison of Follow-Up and No Follow-Up Groups, Using the Lee-Desu Statistic:
First DUI or Reckless Driving Offense

Overall Comparison	Statistic	0.737	D.F.	1	Prob.	0.3907, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Follow-Up Interviews	1276	43	1233	96.63	8.6050
No Follow-Up Interviews	1673	67	1606	96.00	-6.5631

Table C6.a

Survival Data For Clients Assigned to Follow-Up Interviews: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1276.0	15.0	1268.5	29.0	0.0229	0.9771	0.9771	0.004
30.0	1232.0	59.0	1202.5	22.0	0.0183	0.9817	0.9593	0.006
60.0	1151.0	77.0	1112.5	19.0	0.0171	0.9829	0.9429	0.007
90.0	1055.0	62.0	1024.0	18.0	0.0176	0.9824	0.9263	0.008
120.0	975.0	74.0	938.0	17.0	0.0181	0.9819	0.9095	0.008
150.0	884.0	51.0	858.5	6.0	0.0070	0.9930	0.9032	0.009
180.0	827.0	48.0	803.0	11.0	0.0137	0.9863	0.8908	0.009
210.0	768.0	92.0	722.0	5.0	0.0069	0.9931	0.8846	0.010
240.0	671.0	105.0	618.5	5.0	0.0081	0.9919	0.8775	0.010
270.0	561.0	72.0	525.0	3.0	0.0057	0.9943	0.8725	0.011
300.0	486.0	76.0	448.0	3.0	0.0067	0.9933	0.8666	0.011
330.0	407.0	67.0	373.5	2.0	0.0054	0.9946	0.8620	0.011
360.0	338.0	97.0	289.5	1.0	0.0035	0.9965	0.8590	0.012
390.0	240.0	88.0	196.0	1.0	0.0051	0.9949	0.8546	0.012
420.0	151.0	56.0	123.0	0.0	0.0	1.0000	0.8546	0.012
450.0	95.0	50.0	70.0	0.0	0.0	1.0000	0.8546	0.012
480.0	45.0	33.0	28.5	0.0	0.0	1.0000	0.8546	0.012
510.0	12.0	12.0	6.0	0.0	0.0	1.0000	0.8546	0.012

Table C6.b

Survival Data For Clients Not Assigned to Follow-Up Interviews: First Moving Violation or Any A/R Offense

Intvl Start Time (Days)	Number Entrng This Intvl	Number Wdrawn During Intvl	Number Exposd to Risk	Number of Termnl Events	Propn Termi-nating	Propn Survi-ving	Cumul Propn Surv At End	SE of Cumul Survi-ving
0.0	1673.0	15.0	1665.5	38.0	0.0228	0.9772	0.9772	0.004
30.0	1620.0	63.0	1588.5	30.0	0.0189	0.9811	0.9587	0.005
60.0	1527.0	57.0	1498.5	18.0	0.0120	0.9880	0.9472	0.006
90.0	1452.0	63.0	1420.5	17.0	0.0120	0.9880	0.9359	0.006
120.0	1372.0	85.0	1329.5	11.0	0.0083	0.9917	0.9281	0.007
150.0	1276.0	176.0	1188.0	15.0	0.0126	0.9874	0.9164	0.007
180.0	1085.0	166.0	1002.0	10.0	0.0100	0.9900	0.9073	0.008
210.0	909.0	149.0	834.5	6.0	0.0072	0.9928	0.9007	0.008
240.0	754.0	107.0	700.5	8.0	0.0114	0.9886	0.8905	0.009
270.0	639.0	77.0	600.5	1.0	0.0017	0.9983	0.8890	0.009
300.0	561.0	69.0	526.5	1.0	0.0019	0.9981	0.8873	0.009
330.0	491.0	70.0	456.0	3.0	0.0066	0.9934	0.8815	0.009
360.0	418.0	90.0	373.0	3.0	0.0080	0.9920	0.8744	0.010
390.0	325.0	78.0	286.0	0.0	0.0	1.0000	0.8744	0.010
420.0	247.0	53.0	220.5	1.0	0.0045	0.9955	0.8704	0.011
450.0	193.0	57.0	164.5	0.0	0.0	1.0000	0.8704	0.011
480.0	136.0	87.0	92.5	0.0	0.0	1.0000	0.8704	0.011
510.0	49.0	49.0	24.5	0.0	0.0	1.0000	0.8704	0.011

Table C6.c

Comparison of Follow-Up and No Follow-Up Groups, Using the Lee-Desu Statistic: First Moving Violation or Any A/R Offense

Overall Comparison Statistic 1.370 D.F. 1 Prob. 0.2418, NS

Group Name	Total N	Uncen	Cen	Pct Cen	Mean Score
Follow-Up Interviews	1276	142	1134	88.87	-19.241
No Follow-Up Interviews	1673	162	1511	90.32	14.675

APPENDIX D

Education Program Objectives

Note: The specific knowledge and attitude change objectives were identical for both home study and in-class education programs. This Appendix lists the objectives according to their order of presentation in the in-class education program. In the home study program the same objectives were presented in approximately the same order but the material was divided into seven chapters.

EDUCATION PROGRAM OBJECTIVES

SESSION 1:

Knowledge -- Students will be able to identify:

1. And define host liability.

2. Aspects of California law which relate to driving under the influence (e.g. legal penalties; Implied Consent Law; presumed blood alcohol limits; concept of "impairment" tests available for measuring BAL).

3. The relationship between alcohol consumption and traffic accidents.

4. Specific facts about alcohol--role in society; metabolism; food value; being a drug.

5. Factors which will affect blood alcohol level.

Attitude -- Students will feel that:

6. They were not driving safely at the time of their DUI arrest.

7. Their arrest for DUI was fair.

8. California drinking driving laws are fair and necessary.

SESSION 2:

Knowledge -- Students will be able to identify:

1. Physiological effects of alcohol as these relate to the driving task.

2. Psychological effects of alcohol as these relate to the driving task.

3. Factors which influence the effects of a given BAL on an individual (e.g. stress; experience; fatigue).

4. DUI alternatives.

Attitude -- Students will:

5. Feel the responsibility for their DUI behavior.

6. Feel that DUI is undesirable behavior.

Behavior --

7. Students will decide that they do not want to be arrested again for DUI.

SESSION 3:

Knowledge -- Students will be able to identify:

1. Alcoholism as a disease, using the Jellinek model.

2. Facts about problem drinkers and alcoholics (e.g. heredity; withdrawal and D.T.'s; blackouts).

3. Steps in the recovery process from alcoholism, including detoxification and AA.

Attitude -- Students will feel:

*4. That they have a problem with alcohol, in their own life, with reference to problem drinking.

**5. Feel the extent to which their drinking behavior is affected by their family and associates.

6. Decide what positive and negative outcomes are associated with their drinking.

7. Begin to consider alternatives that can lead to a personal action plan to avoid future DUI behavior.

SESSION 4:

Knowledge --

1. Students will be able to identify the five areas of personal change relating to drinking-driving behavior.

Attitude -- Students will:

2. Feel that planning ahead to avoid a DUI incident is a good idea.

3. Feel that avoidance of future DUI is under their control.

Behavior --

4. Students will develop an individual action plan to avoid future incidences of drinking driving.

*Specific for Problem Drinkers.
**Not Directional.

APPENDIX E

Quarterly Monitoring Letter and Content Analysis

COUNTY OF SACRAMENTO

HEALTH DEPARTMENT
RONALD L. USHER, DIRECTOR

OFFICE OF ALCOHOLISM

LAURENCE R. VALTERZA
ALCOHOLISM PROGRAM ADMINISTRATOR
EARL D. JACK
DEPUTY FOR ADMINISTRATION
713 9th Street
SACRAMENTO, CALIFORNIA 95814
(916) 440-6510

CDUI PROJECT
(COMPREHENSIVE DRIVING UNDER THE INFLUENCE OF ALCOHOL TREATMENT DEMONSTRATION PROJECT)
LEWIS A. DAVIS, DIRECTOR
708 - 10th STREET, SUITES 240 & 250
SACRAMENTO, CALIFORNIA 95814
TELEPHONE: (916) 446-5048

Dear Client:

Because of your arrest for driving under the influence of alcohol, you have become a CDUI (Comprehensive Driving Under the Influence) Project client and your case will be under our observation during your two-year probationary period. We will reveiw your case periodically and remind you of the conditions of your probation, with the hope that you will successfully avoid any further trouble.

You may have been assigned to participate in three personal interviews conducted by the CDUI follow-up counselors. If you were assigned, your participation is required. You are also required to drive safely and soberly at all times.

Please understand that the Court will not be as lenient if you are arrested again, particularly if you are still on probation. Take a moment and think about your past arrest and court experience. Is another DUI worth the time, the money, and the possible loss of your driving privilege?

Remember that half of all traffic fatalities are directly related to alcohol. Be careful and be aware of how much you drink when you drive. Won't you help make our highways safer? We don't want to read about you in the newspapers!

Sincerely,

W. Boatwright

Supervisor
Monitoring and Compliance Unit
440-5958

QUARTERLY MONITORING LETTER CONTENT ANALYSIS

Subject Content and Phraseology	Purpose
1. Statement of conditions resulting from index arrest: a) recipient became a CDUI Project client b) recipient was placed on probation for two years c) recipient will remain under our observation for the duration of the probationary period	· Reinforce the causal relationship between client's drinking-driving activities and participation in the CDUI Project. (Arrest was used instead of conviction because of reductions to Reckless Driving.) · Remind the client that a two-year probationary period was imposed by the Court. · Indicate that CDUI Project participation is a condition of probation and suggest that the CDUI Project is responsible for client's behavior throughout the probationary period. Thus establishing a logical and legitimate basis for periodic case reviews and follow-up interviews after successful completion of education/treatment programs.
2. Statement of intention to review client's case periodically.	· Reinforce the idea that the client is being monitored (albeit indirectly) at regular intervals. Someone is giving his/her case individual attention the client has not been lost in the system.
3. Explanation of reason for sening a letter: Remind client of conditions of probation (done in conjunction with the periodic case reviews), with the hope that client will successfully avoid any further trouble.	· Associate the receipt of a monitoring letter with a review of the client's case. · Establish the fact that the client will be receiving several letters, one with each periodic case review. · Indicate that the purpose for sending letters is a periodic reminder of the conditions of probation. · Imply how the Project expects the client to use the information - by being aware of the probationary conditions the client will be better able to avoid violating those conditions and thus further trouble

QUARTERLY MONITORING LETTER CONTENT ANALYSIS
(Cont'd)

Subject Content and Phraseology	Purpose
4. Statement of probationary conditions: a) Participation in follow-up interviews (three personal interviews with counselors) is required b) Driving safely and soberly at all times is required.	· Indicate that if the client was assigned to follow-up interviews, his/her participation is mandatory. Emphasis on personal interviews conducted by counselors to connote individual attention and concern for the client's progress. Specification of three interviews to define the extent of client's involvement and obligation.
5. Warning of possible consequences of another arrest (Court will not be as lenient next time).	· Reinforce the idea that another offense will result in the imposition of more severe sanctions. A low threat warning of possible consequences also suggests our quasi-probationary function and our concern that the client not experience additional legal problems.
6. Ask client to think about past arrest and court experience (is another DUI worth the loss of time, money, and possibly driving privilege).	· Urge the client to recall the unpleasant aspects of his/her prior arrest and conviction, with the intention of increasing the client's motivation to avoid another similarly unpleasant experience.
7. Statement of proportion of all traffic fatalities related to alcohol.	· Reinforce the relationship between drinking-driving and fatal traffic accidents.
8. Statements of concern for client's personal safety and well-being, and client's responsibility for the safety of others: a) Be careful and be aware of how much you drink when you drive b) Help make our highways safer c) Don't become a fatality statistic (we don't want to read about you in the newspapers)	· Reinforce the idea that the client is responsible for his/her own drinking and driving behavior, and that the client can control this behavior (and its consequences) but this control requires as a prerequisite an awareness of the amount of alcohol consumed. · Reinforce the idea that the client is responsible for the safety of others on the highways. · Close letter with an expression of our concern for the client's life which is being endangered by drinking and driving.

APPENDIX F

CDUI Project Diagnostic Interview Protocol

CDUI INTAKE INTERVIEW

_____
COUNSELOR

START TIME: _____

END TIME: _____

_____
CLIENT NAME

	Scale 1	Scale 2

I. DEMOGRAPHIC PROFILE AND SOCIAL/EMPLOYMENT PROBLEMS

1. How far have you gone in school?

___1. None ___6. 1-3 years college

___2. 7 grades or less ___7. 4 years college

___3. 8-11 grades ___8. post graduate work

___4. 12 grades or diploma ___9. not known

___5. Completed business or trade school (1-2 years)

a. Enter highest grade completed: _____

2. Are you currently employed?..... Y N

a. (If Yes): What is your present job?
Title plus description: _____

_____

3. Has there recently been a change in your responsibilities at work or in your working conditions? (For example, transfer, shift change, promotion, etc.)..... Y N or N/A

4. Have you recently had any trouble with your supervisors, co-workers or personnel under your supervision?..... Y N or N/A

5. Has drinking ever contributed to problems at work or the loss of a job?..... Y N

6. What is your present marital status?

___1. Single (never married) ___4. Separated

___2. Married ___5. Widowed

___3. Divorced

7. How many times have you been married?
#____ (If never married record zero)

8. Have you recently been separated from your spouse or seriously talked about separation?..... Y N or N/A

9. Has drinking interfered with any marriage plans or other social relationships?..... Y N

10. What was your average monthly income for the last twelve months?

a. Individual Income $_____ per month

b. Family Income $_____ per month

11. How many children and adults are living on this income? #____ (including client)

12. What is your primary source of family income?

___1. Wages
___2. Supplemental Security Income
___3. Unemployment Compensation
___4. Social Security Benefits
___5. Public Assistance (including SSI)
___6. Other Retirement
___7. Other Disability
___8. Family
___9. Military Retirement
___10. Other
___11. None Reported

13. Have you recently been concerned about financial problems? (For example, paying for recent purchases, rent or mortgage payments, medical bills, etc.)..... Y N

II. ARRESTS AND DRIVING BEHAVIOR

When did the arrest occur which led to your referral here? (If client is being referred for more than one arrest, record the date of the most recent arrest below.)

14. Have you ever been arrested for an offense other than the arrest of ___ ___ ___? (mn day yr)

(If Yes): Ask client to describe the offenses and record the number of times arrested for each offense category below.

(If No): Put zero in each offense category below.

a. Number of Prior Arrests for DUI.....#____ 1+

b. Number of Arrests for Drunk and Disorderly or Public Intoxication.....#____ 1+

c. Number of Prior Arrests for Reckless Driving.....#____

d. Number of Crimes Involving Property....#____

e. Number of Crimes Involving Assault.....#____

f. Number of Crimes Involving Sex.....#____

g. Number of Crimes Involving Other Drugs.#____

h. Number of Other Crimes and Traffic Violations.....#____

	Scale 1	Scale 2
i. Had the client been drinking when he/she was arrested for Reckless Driving?	Y N or N/A	
j. Had the client been drinking when he/she was arrested for any of the nontraffic offenses or traffic violations indicated in items d-h?	Y N or N/A	
15. Was client's index arrest BAC .15 or above?	Y N	
Ask the following:		
16. While driving have you ever been stopped by police but not arrested, when you knew you had been drinking too much?	Y N	

III. PHYSICAL HEALTH

17. Are you experiencing any of the following health problems?		
a. feeling tired or fatigued	Y N	
b. weight loss or inability to eat	Y N	
c. inability to concentrate or complete tasks	Y N	
d. difficulty sleeping	Y N	
18. Have you ever had ulcers or stomach problems	Y N	
19. Have you ever had liver problems? (e.g., fatty liver or cirrhosis)	Y N	
20. Have you ever been told by a doctor that drinking is injuring your health?	Y N	
21. Have you recently been concerned about the physical or mental health of any close relative or close friend?		Y N
22. Have you recently lost a close relative or close friend by death?		Y N

IV. DRINKING PATTERNS AND PROBLEMS

23. What is your definition of a social drinker?		
Does client's definition suggest excessive drinking patterns?	Y N	
24. Does drinking seem to ease your personal problems?	Y N	
25. Does a drink or two give you energy to get started?	Y N	

26. Do you ever drink to feel more at ease around people?.. Y N

27. Have you ever thought about cutting down on drinking?.. Y N

28. Have any of your friends or members of your family suggested that you watch or cut down on your drinking?. Y N

29. Do you usually have something to drink every day?..... Y N

30. How many drinks can you handle and still drive well?...# ____ 4+

31. Do you usually drink four or more drinks when you do drink?..... Y N

32. Have you ever felt bad or guilty about drinking?..... Y N

33. Have you ever felt that you really want, need, or deserve a drink?..... Y N

34. Have you gone on a drinking spree in the last five years?..... Y N

35. Have you ever found that you cannot remember or wonder what you did the night before when you were drinking?..... Y N

36. After drinking the night before, have you ever decided not to go to work the next morning?..... Y N

37. Do you feel quarrelsome or become angry after you have had several drinks?..... Y N

38. Have you been told you were rowdy or noisy when you had too much to drink?..... Y N

39. Have you ever destroyed property or gotten into a physical fight when you were drinking?..... Y N

40. Have you ever participated in an alcohol treatment program before?..... Y N

41. Do you feel you have a problem with alcohol at this time?..... Y N

Comments: _____

_____

_____

_____

_____