

**Addicts dataset contents**

## The CONTENTS Procedure

<b>Data Set Name</b>	SURV_ANA.ADDICTS	<b>Observations</b>	238
<b>Member Type</b>	DATA	<b>Variables</b>	6
<b>Engine</b>	V9	<b>Indexes</b>	0
<b>Created</b>	12/03/2025 21:39:19	<b>Observation Length</b>	48
<b>Last Modified</b>	12/03/2025 21:39:19	<b>Deleted Observations</b>	0
<b>Protection</b>		<b>Compressed</b>	NO
<b>Data Set Type</b>		<b>Sorted</b>	NO
<b>Label</b>			
<b>Data Representation</b>	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
<b>Encoding</b>	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
<b>Data Set Page Size</b>	131072
<b>Number of Data Set Pages</b>	1
<b>First Data Page</b>	1
<b>Max Obs per Page</b>	2722
<b>Obs in First Data Page</b>	238
<b>Number of Data Set Repairs</b>	0
<b>Filename</b>	/home/ajay_malkani0/Survival Analysis data sets/addicts.sas7bdat
<b>Release Created</b>	9.0401M8
<b>Host Created</b>	Linux
<b>Inode Number</b>	7238435927
<b>Access Permission</b>	rw-r--r--
<b>Owner Name</b>	ajay_malkani0
<b>File Size</b>	256KB
<b>File Size (bytes)</b>	262144

Variables in Creation Order					
#	Variable	Type	Len	Format	Informat
1	id	Num	8	BEST12.	BEST32.
2	clinic	Num	8	BEST12.	BEST32.
3	status	Num	8	BEST12.	BEST32.
4	survt	Num	8	BEST12.	BEST32.
5	prison	Num	8	BEST12.	BEST32.
6	dose	Num	8	BEST12.	BEST32.

## Addicts dataset

Obs	id	clinic	status	survt	prison	dose
1	1	1	1	428	0	50
2	2	1	1	275	1	55
3	3	1	1	262	0	55
4	4	1	1	183	0	30
5	5	1	1	259	1	65
6	6	1	1	714	0	55
7	7	1	1	438	1	65
8	8	1	0	796	1	60
9	9	1	1	892	0	50
10	10	1	1	393	1	65
11	11	1	0	161	1	80
12	12	1	1	836	1	60
13	13	1	1	523	0	55
14	14	1	1	612	0	70
15	15	1	1	212	1	60
16	16	1	1	399	1	60
17	17	1	1	771	1	75
18	18	1	1	514	1	80
19	19	1	1	512	0	80
20	21	1	1	624	1	80
21	22	1	1	209	1	60
22	23	1	1	341	1	60
23	24	1	1	299	0	55
24	25	1	0	826	0	80
25	26	1	1	262	1	65
26	27	1	0	566	1	45
27	28	1	1	368	1	55
28	30	1	1	302	1	50
29	31	1	0	602	0	60
30	32	1	1	652	0	80
31	33	1	1	293	0	65
32	34	1	0	564	0	60
33	36	1	1	394	1	55
34	37	1	1	755	1	65
35	38	1	1	591	0	55
36	39	1	0	787	0	80
37	40	1	1	739	0	60
38	41	1	1	550	1	60
39	42	1	1	837	0	60
40	43	1	1	612	0	65
41	44	1	0	581	0	70
42	45	1	1	523	0	60
43	46	1	1	504	1	60

## Addicts dataset

Obs	id	clinic	status	survt	prison	dose
44	48	1	1	785	1	80
45	49	1	1	774	1	65
46	50	1	1	560	0	65
47	51	1	1	160	0	35
48	52	1	1	482	0	30
49	53	1	1	518	0	65
50	54	1	1	683	0	50
51	55	1	1	147	0	65
52	57	1	1	563	1	70
53	58	1	1	646	1	60
54	59	1	1	899	0	60
55	60	1	1	857	0	60
56	61	1	1	180	1	70
57	62	1	1	452	0	60
58	63	1	1	760	0	60
59	64	1	1	496	0	65
60	65	1	1	258	1	40
61	66	1	1	181	1	60
62	67	1	1	386	0	60
63	68	1	0	439	0	80
64	69	1	0	563	0	75
65	70	1	1	337	0	65
66	71	1	0	613	1	60
67	72	1	1	192	1	80
68	73	1	0	405	0	80
69	74	1	1	667	0	50
70	75	1	0	905	0	80
71	76	1	1	247	0	70
72	77	1	1	821	0	80
73	78	1	1	821	1	75
74	79	1	0	517	0	45
75	80	1	0	346	1	60
76	81	1	1	294	0	65
77	82	1	1	244	1	60
78	83	1	1	95	1	60
79	84	1	1	376	1	55
80	85	1	1	212	0	40
81	86	1	1	96	0	70
82	87	1	1	532	0	80
83	88	1	1	522	1	70
84	89	1	1	679	0	35
85	90	1	0	408	0	50
86	91	1	0	840	0	80

## Addicts dataset

Obs	id	clinic	status	survt	prison	dose
87	92	1	0	148	1	65
88	93	1	1	168	0	65
89	94	1	1	489	0	80
90	95	1	0	541	0	80
91	96	1	1	205	0	50
92	97	1	0	475	1	75
93	98	1	1	237	0	45
94	99	1	1	517	0	70
95	100	1	1	749	0	70
96	101	1	1	150	1	80
97	102	1	1	465	0	65
98	103	2	1	708	1	60
99	104	2	0	713	0	50
100	105	2	0	146	0	50
101	106	2	1	450	0	55
102	109	2	0	555	0	80
103	110	2	1	460	0	50
104	111	2	0	53	1	60
105	113	2	1	122	1	60
106	114	2	1	35	1	40
107	118	2	0	532	0	70
108	119	2	0	684	0	65
109	120	2	0	769	1	70
110	121	2	0	591	0	70
111	122	2	0	769	1	40
112	123	2	0	609	1	100
113	124	2	0	932	1	80
114	125	2	0	932	1	80
115	126	2	0	587	0	110
116	127	2	1	26	0	40
117	128	2	0	72	1	40
118	129	2	0	641	0	70
119	131	2	0	367	0	70
120	132	2	0	633	0	70
121	133	2	1	661	0	40
122	134	2	1	232	1	70
123	135	2	1	13	1	60
124	137	2	0	563	0	70
125	138	2	0	969	0	80
126	143	2	0	1052	0	80
127	144	2	0	944	1	80
128	145	2	0	881	0	80
129	146	2	1	190	1	50

**Addicts dataset**

Obs	id	clinic	status	survt	prison	dose
130	148	2	1	79	0	40
131	149	2	0	884	1	50
132	150	2	1	170	0	40
133	153	2	1	286	0	45
134	156	2	0	358	0	60
135	158	2	0	326	1	60
136	159	2	0	769	1	40
137	160	2	1	161	0	40
138	161	2	0	564	1	80
139	162	2	1	268	1	70
140	163	2	0	611	1	40
141	164	2	1	322	0	55
142	165	2	0	1076	1	80
143	166	2	0	2	1	40
144	168	2	0	788	0	70
145	169	2	0	575	0	80
146	170	2	1	109	1	70
147	171	2	0	730	1	80
148	172	2	0	790	0	90
149	173	2	0	456	1	70
150	175	2	1	231	1	60
151	176	2	1	143	1	70
152	177	2	0	86	1	40
153	178	2	0	1021	0	80
154	179	2	0	684	1	80
155	180	2	1	878	1	60
156	181	2	1	216	0	100
157	182	2	0	808	0	60
158	183	2	1	268	1	40
159	184	2	0	222	0	40
160	186	2	0	683	0	100
161	187	2	0	496	0	40
162	188	2	1	389	0	55
163	189	1	1	126	1	75
164	190	1	1	17	1	40
165	192	1	1	350	0	60
166	193	2	0	531	1	65
167	194	1	0	317	1	50
168	195	1	0	461	1	75
169	196	1	1	37	0	60
170	197	1	1	167	1	55
171	198	1	1	358	0	45
172	199	1	1	49	0	60

## Addicts dataset

Obs	id	clinic	status	survt	prison	dose
173	200	1	1	457	1	40
174	201	1	1	127	0	20
175	202	1	1	7	1	40
176	203	1	1	29	1	60
177	204	1	1	62	0	40
178	205	1	0	150	1	60
179	206	1	1	223	1	40
180	207	1	0	129	1	40
181	208	1	0	204	1	65
182	209	1	1	129	1	50
183	210	1	1	581	0	65
184	211	1	1	176	0	55
185	212	1	1	30	0	60
186	213	1	1	41	0	60
187	214	1	0	543	0	40
188	215	1	0	210	1	50
189	216	1	1	193	1	70
190	217	1	1	434	0	55
191	218	1	1	367	0	45
192	219	1	1	348	1	60
193	220	1	0	28	0	50
194	221	1	0	337	0	40
195	222	1	0	175	1	60
196	223	2	1	149	1	80
197	224	1	1	546	1	50
198	225	1	1	84	0	45
199	226	1	0	283	1	80
200	227	1	1	533	0	55
201	228	1	1	207	1	50
202	229	1	1	216	0	50
203	230	1	0	28	0	50
204	231	1	1	67	1	50
205	232	1	0	62	1	60
206	233	1	0	111	0	55
207	234	1	1	257	1	60
208	235	1	1	136	1	55
209	236	1	0	342	0	60
210	237	2	1	41	0	40
211	238	2	0	531	1	45
212	239	1	0	98	0	40
213	240	1	1	145	1	55
214	241	1	1	50	0	50
215	242	1	0	53	0	50

**Addicts dataset**

Obs	id	clinic	status	survt	prison	dose
216	243	1	0	103	1	50
217	244	1	0	2	1	60
218	245	1	1	157	1	60
219	246	1	1	75	1	55
220	247	1	1	19	1	40
221	248	1	1	35	0	60
222	249	2	0	394	1	80
223	250	1	1	117	0	40
224	251	1	1	175	1	60
225	252	1	1	180	1	60
226	253	1	1	314	0	70
227	254	1	0	480	0	50
228	255	1	0	325	1	60
229	256	2	1	280	0	90
230	257	1	1	204	0	50
231	258	2	1	366	0	55
232	259	2	0	531	1	50
233	260	1	1	59	1	45
234	261	1	1	33	1	60
235	262	2	1	540	0	80
236	263	2	0	551	0	65
237	264	1	1	90	0	40
238	266	1	1	47	0	45

**Survival time for addicts dataset**

The UNIVARIATE Procedure  
Variable: survt

Moments			
N	238	Sum Weights	238
Mean	402.571429	Sum Observations	95812
Std Deviation	267.852897	Variance	71745.1742
Skewness	0.37841353	Kurtosis	-0.8447913
Uncorrected SS	55574780	Corrected SS	17003606.3
Coeff Variation	66.535496	Std Error Mean	17.3623245

Basic Statistical Measures			
Location		Variability	
Mean	402.5714	Std Deviation	267.85290
Median	367.5000	Variance	71745
Mode	531.0000	Range	1074
		Interquartile Range	417.00000

Note: The mode displayed is the smallest of 3 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	23.18649	Pr >  t	<.0001
Sign	M	119	Pr >=  M	<.0001
Signed Rank	S	14220.5	Pr >=  S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1076.0
99%	1021.0
95%	881.0
90%	788.0
75% Q3	587.0
50% Median	367.5
25% Q1	170.0
10%	62.0
5%	33.0
1%	7.0
0% Min	2.0



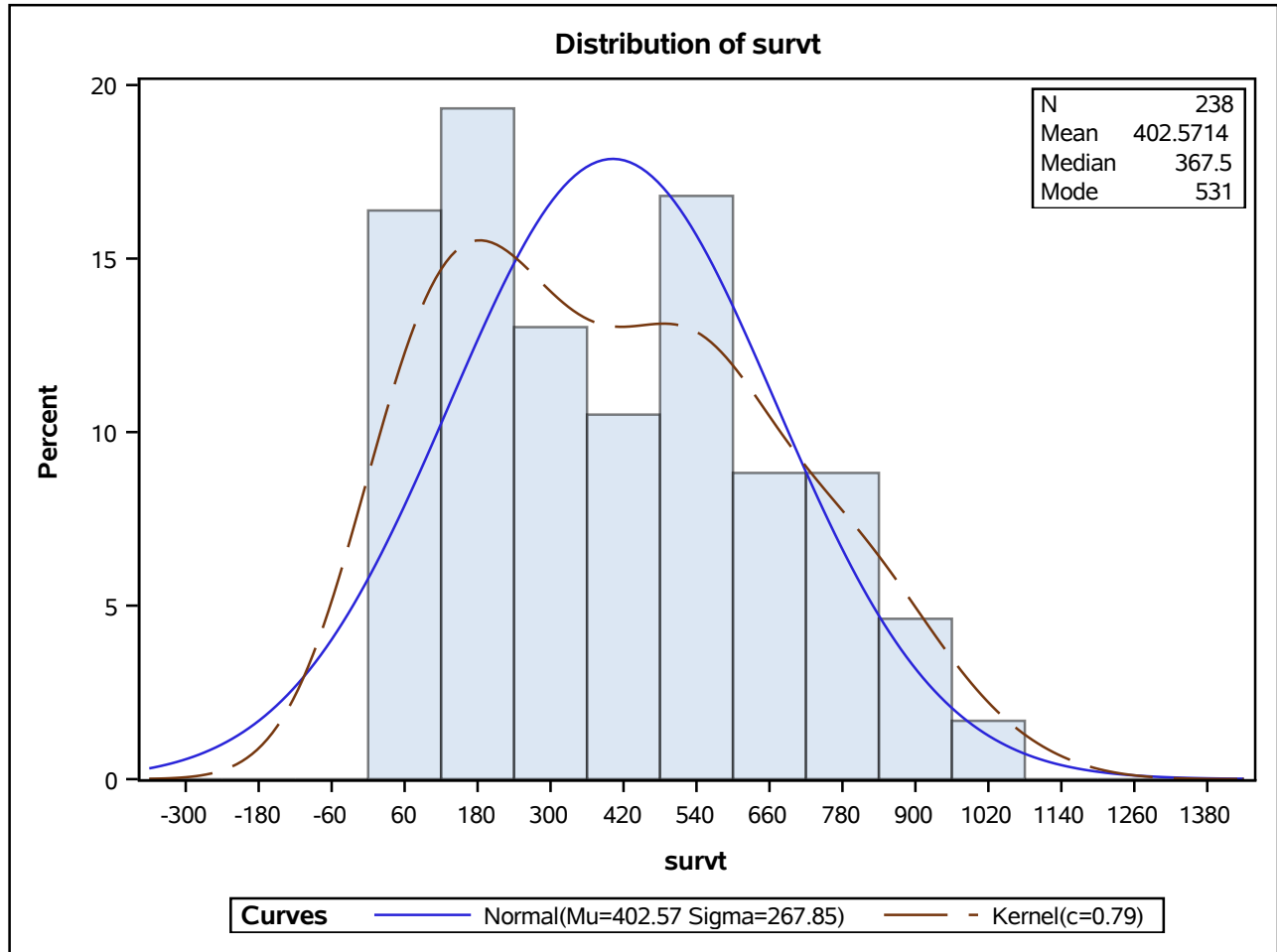
## Survival time for addicts dataset

The UNIVARIATE Procedure  
Variable: survt

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	217	944	127
2	143	969	125
7	175	1021	153
13	123	1052	126
17	164	1076	142

**Survival time for addicts dataset**

The UNIVARIATE Procedure



**Survival time for addicts dataset**

The UNIVARIATE Procedure  
Fitted Normal Distribution for survt

Parameters for Normal Distribution		
Parameter	Symbol	Estimate
Mean	Mu	402.5714
Std Dev	Sigma	267.8529

Goodness-of-Fit Tests for Normal Distribution				
Test	Statistic		p Value	
Kolmogorov-Smirnov	D	0.09323978	Pr > D	<0.010
Cramer-von Mises	W-Sq	0.43673006	Pr > W-Sq	<0.005
Anderson-Darling	A-Sq	2.89529581	Pr > A-Sq	<0.005

Quantiles for Normal Distribution		
	Quantile	
Percent	Observed	Estimated
1.0	7.00000	-220.5476
5.0	33.00000	-38.0074
10.0	62.00000	59.3041
25.0	170.00000	221.9074
50.0	367.50000	402.5714
75.0	587.00000	583.2355
90.0	788.00000	745.8387
95.0	881.00000	843.1502
99.0	1021.00000	1025.6904

**Frequency tables for clinic and prison variables**

The FREQ Procedure

clinic	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	163	68.49	163	68.49
2	75	31.51	238	100.00

prison	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	127	53.36	127	53.36
1	111	46.64	238	100.00

**Survival time grouped means for clinics 1 and 2**

The MEANS Procedure

Analysis Variable : survt						
clinic	N Obs	N	Mean	Std Dev	Minimum	Maximum
1	163	163	365.3865031	246.1286506	2.0000000	905.0000000
2	75	75	483.3866667	295.7935225	2.0000000	1076.00