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```
Traceback (most recent call last):  
  File "<string>", line 17, in <module>  
ImportError: No module named 'matplotlib'
```

Cox Proportional Hazards Model

>Warning # 2004. Command name: SUBTITLE

>The subtitle given exceeds 60 characters in length. The first 60 characters
>will be used.

Cox Proportional Hazards Model
Import dataset.csv from the Cox Proportional Hazards Model f

Cox Proportional Hazards Model: Survival Data Setup

Cox Proportional Hazards Model: Survival Data Setup
Derived duration and event variables

Frequencies

[CoxPHData] D:\DATA ANALYSIS\H Regression Tests and Models\Cox Proportional Hazards Model\SPSS_Output\sav\Cox-Proportional-Hazards-Model-data.sav

Statistics

Derived Cox event indicator: 1 when G3 < 10, 0 when G3 >= 10

N	Valid	649
	Missing	0

Derived Cox event indicator: 1 when G3 < 10, 0 when G3 >= 10

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Censored: G3 >= 10	549	84.6	84.6	84.6
	Event: G3 < 10	100	15.4	15.4	100.0
	Total	649	100.0	100.0	

Descriptives

Cox Proportional Hazards Model: Survival Data Setup
Derived duration and event variables

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Derived Cox duration: absences + 1	649	1.00	33.00	4.6595	4.64076
Student age predictor	649	15	22	16.74	1.218
Mother education predictor	649	0	4	2.51	1.135
Father education predictor	649	0	4	2.31	1.100
Travel time predictor	649	1	4	1.57	.749
Weekly study time predictor	649	1	4	1.93	.830
Past class failures used as Cox model predictor	649	0	3	.22	.593
famrel	649	1	5	3.93	.956
freetime	649	1	5	3.18	1.051
goout	649	1	5	3.18	1.176
Dalc	649	1	5	1.50	.925
Walc	649	1	5	2.28	1.284
Health status predictor	649	1	5	3.54	1.446
First period grade	649	0	19	11.40	2.745
Second period grade	649	0	19	11.57	2.914
Valid N (listwise)	649				

Cox Proportional Hazards Model: Duration by Status

Cox Proportional Hazards Model: Duration by Status
Boxplot and histogram context for event and censored records

Explore

Derived Cox event indicator: 1 when G3 < 10, 0 when G3 >= 10

Case Processing Summary

		Cases			
Derived Cox event indicator: 1 when G3 < 10, 0 when G3 >= 10		Valid		Missing	
		N	Percent	N	Percent
Derived Cox duration: absences + 1	Censored: G3 >= 10	549	100.0%	0	0.0%
	Event: G3 < 10	100	100.0%	0	0.0%

Case Processing Summary

		Cases	
Derived Cox event indicator: 1 when G3 < 10, 0 when G3 >= 10		Total	
		N	Percent
Derived Cox duration: absences + 1	Censored: G3 >= 10	549	100.0%
	Event: G3 < 10	100	100.0%

Descriptives

Derived Cox event indicator: 1 when G3 < 10, 0 when G3 >= 10		
Derived Cox duration: absences + 1	Censored: G3 >= 10	Mean
		95% Confidence Interval for Mean
		Lower Bound
		Upper Bound
		5% Trimmed Mean
		Median
		Variance
		Std. Deviation
		Minimum
		Maximum
		Range
		Interquartile Range
		Skewness
		Kurtosis
	Event: G3 < 10	Mean

Cox Proportional Hazards Model: Duration by Status
Boxplot and histogram context for event and censored records

Descriptives

Derived Cox event indicator: 1 when G3 < 10, 0 when G3 >= 10				Statistic
Derived Cox duration: absences + 1	Censored: G3 >= 10	Mean		4.4863
		95% Confidence Interval for Mean	Lower Bound	4.1131
			Upper Bound	4.8596
		5% Trimmed Mean		3.9379
		Median		3.0000
		Variance		19.820
		Std. Deviation		4.45192
		Minimum		1.00
		Maximum		33.00
		Range		32.00
		Interquartile Range		5.50
		Skewness		2.089
		Kurtosis		6.547
		Event: G3 < 10	Mean	

Descriptives

Derived Cox event indicator: 1 when G3 < 10, 0 when G3 >= 10			Std. Error	
Derived Cox duration: absences + 1	Censored: G3 >= 10	Mean	.19000	
		95% Confidence Interval for Mean	Lower Bound	
			Upper Bound	
		5% Trimmed Mean		
		Median		
		Variance		
		Std. Deviation		
		Minimum		
		Maximum		
		Range		
		Interquartile Range		
		Skewness	.104	
		Kurtosis	.208	
		Event: G3 < 10	Mean	.54936

Cox Proportional Hazards Model: Duration by Status
Boxplot and histogram context for event and censored records

Descriptives

Derived Cox event indicator: 1 when G3 < 10, 0 when G3 >= 10

	95% Confidence Interval for Mean	Lower Bound
		Upper Bound
	5% Trimmed Mean	
	Median	
	Variance	
	Std. Deviation	
	Minimum	
	Maximum	
	Range	
	Interquartile Range	
	Skewness	
	Kurtosis	

Descriptives

Derived Cox event indicator: 1 when G3 < 10, 0 when G3 >= 10

			Statistic
	95% Confidence Interval for Mean	Lower Bound	4.5199
		Upper Bound	6.7001
	5% Trimmed Mean		4.9667
	Median		3.5000
	Variance		30.180
	Std. Deviation		5.49361
	Minimum		1.00
	Maximum		27.00
	Range		26.00
	Interquartile Range		8.00
	Skewness		1.670
	Kurtosis		3.176

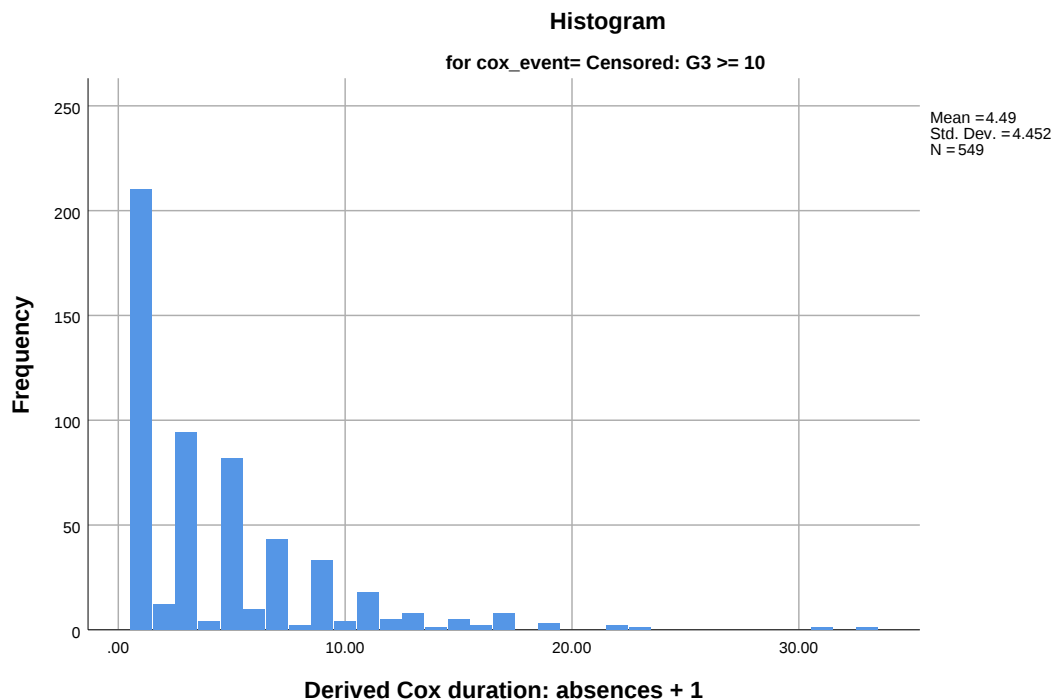
Cox Proportional Hazards Model: Duration by Status
Boxplot and histogram context for event and censored records

Descriptives

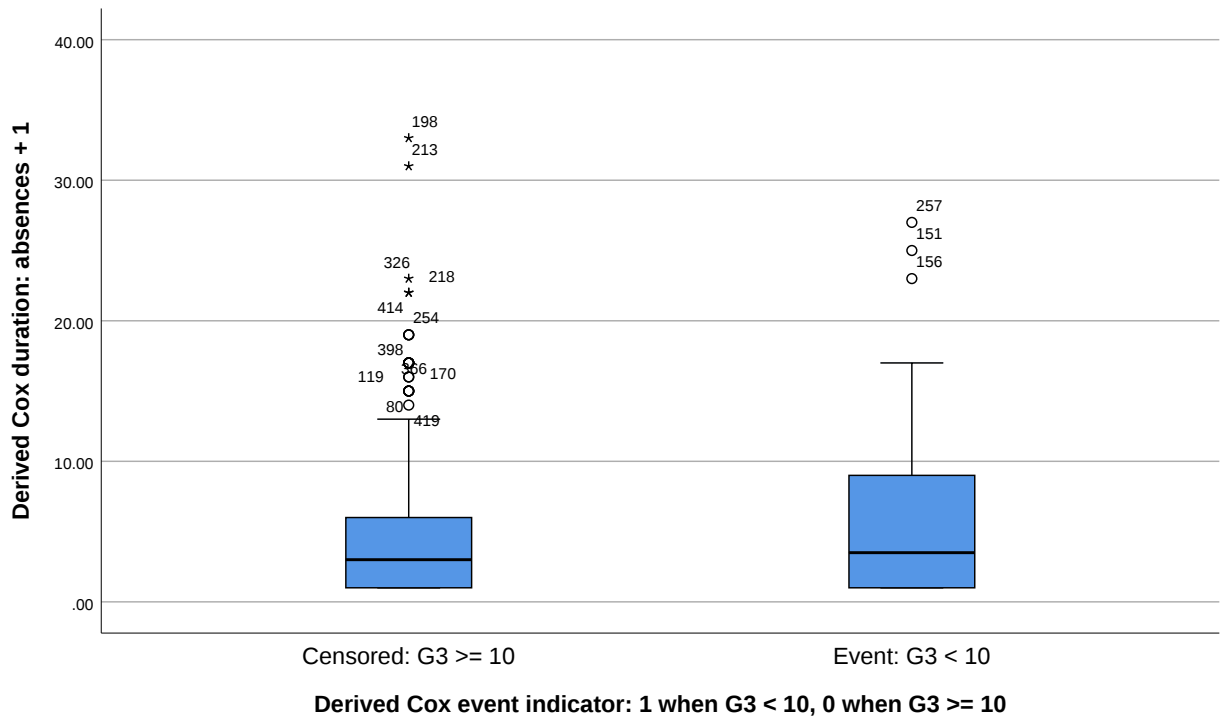
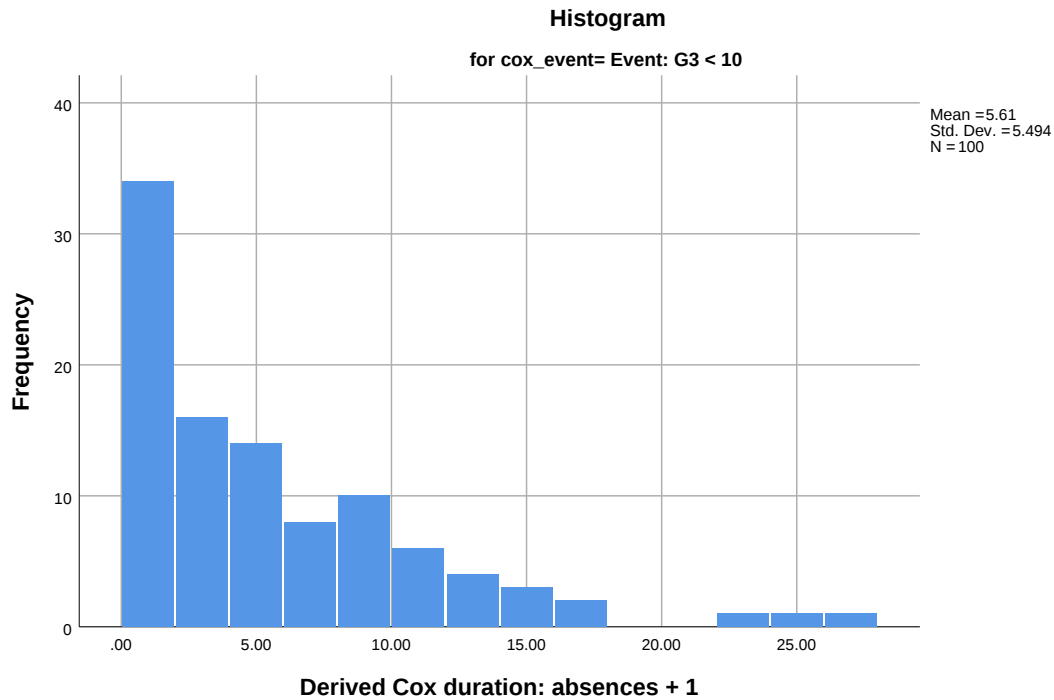
Derived Cox event indicator: 1 when G3 < 10, 0 when G3 >= 10		Std. Error
95% Confidence Interval for Mean	Lower Bound	
	Upper Bound	
5% Trimmed Mean		
Median		
Variance		
Std. Deviation		
Minimum		
Maximum		
Range		
Interquartile Range		
Skewness		.241
Kurtosis		.478

Derived Cox duration: absences + 1

Histograms



Cox Proportional Hazards Model: Duration by Status
Boxplot and histogram context for event and censored records



Kaplan-Meier Survival Context

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Kaplan-Meier

Case Processing Summary

Weekly study time predictor	Total N	N of Events	Censored	
			N	Percent
1	212	50	162	76.4%
2	305	41	264	86.6%
3	97	7	90	92.8%
4	35	2	33	94.3%
Overall	649	100	549	84.6%

Survival Table

Weekly study time predictor		Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
				Estimate	Std. Error	
1	1	1.000	Event: G3 < 10	.	.	1
	2	1.000	Event: G3 < 10	.	.	2
	3	1.000	Event: G3 < 10	.	.	3
	4	1.000	Event: G3 < 10	.	.	4
	5	1.000	Event: G3 < 10	.	.	5
	6	1.000	Event: G3 < 10	.	.	6
	7	1.000	Event: G3 < 10	.	.	7
	8	1.000	Event: G3 < 10	.	.	8
	9	1.000	Event: G3 < 10	.	.	9
	10	1.000	Event: G3 < 10	.	.	10
	11	1.000	Event: G3 < 10	.	.	11
	12	1.000	Event: G3 < 10	.	.	12

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor		N of Remaining Cases
1	1	211
	2	210
	3	209
	4	208
	5	207
	6	206
	7	205
	8	204
	9	203
	10	202
	11	201
	12	200

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
13	1.000	Event: G3 < 10	.	.	13
14	1.000	Event: G3 < 10	.	.	14
15	1.000	Event: G3 < 10	.	.	15
16	1.000	Event: G3 < 10	.	.	16
17	1.000	Event: G3 < 10	.	.	17
18	1.000	Event: G3 < 10	.915	.019	18
19	1.000	Censored: G3 >= 10	.	.	18
20	1.000	Censored: G3 >= 10	.	.	18
21	1.000	Censored: G3 >= 10	.	.	18
22	1.000	Censored: G3 >= 10	.	.	18
23	1.000	Censored: G3 >= 10	.	.	18
24	1.000	Censored: G3 >= 10	.	.	18
25	1.000	Censored: G3 >= 10	.	.	18
26	1.000	Censored: G3 >= 10	.	.	18
27	1.000	Censored: G3 >= 10	.	.	18
28	1.000	Censored: G3 >= 10	.	.	18
29	1.000	Censored: G3 >= 10	.	.	18
30	1.000	Censored: G3 >= 10	.	.	18

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
13	199
14	198
15	197
16	196
17	195
18	194
19	193
20	192
21	191
22	190
23	189
24	188
25	187
26	186
27	185
28	184
29	183
30	182

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
31	1.000	Censored: G3 ≥ 10	.	.	18
32	1.000	Censored: G3 ≥ 10	.	.	18
33	1.000	Censored: G3 ≥ 10	.	.	18
34	1.000	Censored: G3 ≥ 10	.	.	18
35	1.000	Censored: G3 ≥ 10	.	.	18
36	1.000	Censored: G3 ≥ 10	.	.	18
37	1.000	Censored: G3 ≥ 10	.	.	18
38	1.000	Censored: G3 ≥ 10	.	.	18
39	1.000	Censored: G3 ≥ 10	.	.	18
40	1.000	Censored: G3 ≥ 10	.	.	18
41	1.000	Censored: G3 ≥ 10	.	.	18
42	1.000	Censored: G3 ≥ 10	.	.	18
43	1.000	Censored: G3 ≥ 10	.	.	18
44	1.000	Censored: G3 ≥ 10	.	.	18
45	1.000	Censored: G3 ≥ 10	.	.	18
46	1.000	Censored: G3 ≥ 10	.	.	18
47	1.000	Censored: G3 ≥ 10	.	.	18
48	1.000	Censored: G3 ≥ 10	.	.	18

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
31	181
32	180
33	179
34	178
35	177
36	176
37	175
38	174
39	173
40	172
41	171
42	170
43	169
44	168
45	167
46	166
47	165
48	164

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
49	1.000	Censored: G3 ≥ 10	.	.	18
50	1.000	Censored: G3 ≥ 10	.	.	18
51	1.000	Censored: G3 ≥ 10	.	.	18
52	1.000	Censored: G3 ≥ 10	.	.	18
53	1.000	Censored: G3 ≥ 10	.	.	18
54	1.000	Censored: G3 ≥ 10	.	.	18
55	1.000	Censored: G3 ≥ 10	.	.	18
56	1.000	Censored: G3 ≥ 10	.	.	18
57	1.000	Censored: G3 ≥ 10	.	.	18
58	1.000	Censored: G3 ≥ 10	.	.	18
59	1.000	Censored: G3 ≥ 10	.	.	18
60	1.000	Censored: G3 ≥ 10	.	.	18
61	1.000	Censored: G3 ≥ 10	.	.	18
62	1.000	Censored: G3 ≥ 10	.	.	18
63	1.000	Censored: G3 ≥ 10	.	.	18
64	1.000	Censored: G3 ≥ 10	.	.	18
65	1.000	Censored: G3 ≥ 10	.	.	18
66	1.000	Censored: G3 ≥ 10	.	.	18

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
49	163
50	162
51	161
52	160
53	159
54	158
55	157
56	156
57	155
58	154
59	153
60	152
61	151
62	150
63	149
64	148
65	147
66	146

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
67	1.000	Censored: G3 ≥ 10	.	.	18
68	2.000	Censored: G3 ≥ 10	.	.	18
69	2.000	Censored: G3 ≥ 10	.	.	18
70	2.000	Censored: G3 ≥ 10	.	.	18
71	2.000	Censored: G3 ≥ 10	.	.	18
72	3.000	Event: G3 < 10	.	.	19
73	3.000	Event: G3 < 10	.	.	20
74	3.000	Event: G3 < 10	.	.	21
75	3.000	Event: G3 < 10	.	.	22
76	3.000	Event: G3 < 10	.	.	23
77	3.000	Event: G3 < 10	.	.	24
78	3.000	Event: G3 < 10	.	.	25
79	3.000	Event: G3 < 10	.863	.025	26
80	3.000	Censored: G3 ≥ 10	.	.	26
81	3.000	Censored: G3 ≥ 10	.	.	26
82	3.000	Censored: G3 ≥ 10	.	.	26
83	3.000	Censored: G3 ≥ 10	.	.	26
84	3.000	Censored: G3 ≥ 10	.	.	26

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
67	145
68	144
69	143
70	142
71	141
72	140
73	139
74	138
75	137
76	136
77	135
78	134
79	133
80	132
81	131
82	130
83	129
84	128

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
85	3.000	Censored: G3 >= 10	.	.	26
86	3.000	Censored: G3 >= 10	.	.	26
87	3.000	Censored: G3 >= 10	.	.	26
88	3.000	Censored: G3 >= 10	.	.	26
89	3.000	Censored: G3 >= 10	.	.	26
90	3.000	Censored: G3 >= 10	.	.	26
91	3.000	Censored: G3 >= 10	.	.	26
92	3.000	Censored: G3 >= 10	.	.	26
93	3.000	Censored: G3 >= 10	.	.	26
94	3.000	Censored: G3 >= 10	.	.	26
95	3.000	Censored: G3 >= 10	.	.	26
96	3.000	Censored: G3 >= 10	.	.	26
97	3.000	Censored: G3 >= 10	.	.	26
98	3.000	Censored: G3 >= 10	.	.	26
99	3.000	Censored: G3 >= 10	.	.	26
100	3.000	Censored: G3 >= 10	.	.	26
101	4.000	Censored: G3 >= 10	.	.	26
102	4.000	Censored: G3 >= 10	.	.	26

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
85	127
86	126
87	125
88	124
89	123
90	122
91	121
92	120
93	119
94	118
95	117
96	116
97	115
98	114
99	113
100	112
101	111
102	110

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
103	4.000	Censored: G3 >= 10	.	.	26
104	4.000	Censored: G3 >= 10	.	.	26
105	5.000	Event: G3 < 10	.	.	27
106	5.000	Event: G3 < 10	.	.	28
107	5.000	Event: G3 < 10	.	.	29
108	5.000	Event: G3 < 10	.	.	30
109	5.000	Event: G3 < 10	.	.	31
110	5.000	Event: G3 < 10	.815	.031	32
111	5.000	Censored: G3 >= 10	.	.	32
112	5.000	Censored: G3 >= 10	.	.	32
113	5.000	Censored: G3 >= 10	.	.	32
114	5.000	Censored: G3 >= 10	.	.	32
115	5.000	Censored: G3 >= 10	.	.	32
116	5.000	Censored: G3 >= 10	.	.	32
117	5.000	Censored: G3 >= 10	.	.	32
118	5.000	Censored: G3 >= 10	.	.	32
119	5.000	Censored: G3 >= 10	.	.	32
120	5.000	Censored: G3 >= 10	.	.	32

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
103	109
104	108
105	107
106	106
107	105
108	104
109	103
110	102
111	101
112	100
113	99
114	98
115	97
116	96
117	95
118	94
119	93
120	92

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
121	5.000	Censored: G3 ≥ 10	.	.	32
122	5.000	Censored: G3 ≥ 10	.	.	32
123	5.000	Censored: G3 ≥ 10	.	.	32
124	5.000	Censored: G3 ≥ 10	.	.	32
125	5.000	Censored: G3 ≥ 10	.	.	32
126	5.000	Censored: G3 ≥ 10	.	.	32
127	5.000	Censored: G3 ≥ 10	.	.	32
128	5.000	Censored: G3 ≥ 10	.	.	32
129	5.000	Censored: G3 ≥ 10	.	.	32
130	5.000	Censored: G3 ≥ 10	.	.	32
131	5.000	Censored: G3 ≥ 10	.	.	32
132	5.000	Censored: G3 ≥ 10	.	.	32
133	5.000	Censored: G3 ≥ 10	.	.	32
134	5.000	Censored: G3 ≥ 10	.	.	32
135	5.000	Censored: G3 ≥ 10	.	.	32
136	5.000	Censored: G3 ≥ 10	.	.	32
137	5.000	Censored: G3 ≥ 10	.	.	32
138	5.000	Censored: G3 ≥ 10	.	.	32

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
121	91
122	90
123	89
124	88
125	87
126	86
127	85
128	84
129	83
130	82
131	81
132	80
133	79
134	78
135	77
136	76
137	75
138	74

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
139	6.000	Event: G3 < 10	.804	.032	33
140	6.000	Censored: G3 >= 10	.	.	33
141	6.000	Censored: G3 >= 10	.	.	33
142	6.000	Censored: G3 >= 10	.	.	33
143	6.000	Censored: G3 >= 10	.	.	33
144	6.000	Censored: G3 >= 10	.	.	33
145	7.000	Event: G3 < 10	.	.	34
146	7.000	Event: G3 < 10	.	.	35
147	7.000	Event: G3 < 10	.769	.037	36
148	7.000	Censored: G3 >= 10	.	.	36
149	7.000	Censored: G3 >= 10	.	.	36
150	7.000	Censored: G3 >= 10	.	.	36
151	7.000	Censored: G3 >= 10	.	.	36
152	7.000	Censored: G3 >= 10	.	.	36
153	7.000	Censored: G3 >= 10	.	.	36
154	7.000	Censored: G3 >= 10	.	.	36
155	7.000	Censored: G3 >= 10	.	.	36
156	7.000	Censored: G3 >= 10	.	.	36

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
139	73
140	72
141	71
142	70
143	69
144	68
145	67
146	66
147	65
148	64
149	63
150	62
151	61
152	60
153	59
154	58
155	57
156	56

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
157	7.000	Censored: G3 ≥ 10	.	.	36
158	7.000	Censored: G3 ≥ 10	.	.	36
159	7.000	Censored: G3 ≥ 10	.	.	36
160	7.000	Censored: G3 ≥ 10	.	.	36
161	7.000	Censored: G3 ≥ 10	.	.	36
162	7.000	Censored: G3 ≥ 10	.	.	36
163	7.000	Censored: G3 ≥ 10	.	.	36
164	7.000	Censored: G3 ≥ 10	.	.	36
165	7.000	Censored: G3 ≥ 10	.	.	36
166	8.000	Censored: G3 ≥ 10	.	.	36
167	8.000	Censored: G3 ≥ 10	.	.	36
168	9.000	Event: G3 < 10	.	.	37
169	9.000	Event: G3 < 10	.	.	38
170	9.000	Event: G3 < 10	.	.	39
171	9.000	Event: G3 < 10	.	.	40
172	9.000	Event: G3 < 10	.683	.049	41
173	9.000	Censored: G3 ≥ 10	.	.	41
174	9.000	Censored: G3 ≥ 10	.	.	41

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
157	55
158	54
159	53
160	52
161	51
162	50
163	49
164	48
165	47
166	46
167	45
168	44
169	43
170	42
171	41
172	40
173	39
174	38

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
175	9.000	Censored: G3 ≥ 10	.	.	41
176	9.000	Censored: G3 ≥ 10	.	.	41
177	9.000	Censored: G3 ≥ 10	.	.	41
178	9.000	Censored: G3 ≥ 10	.	.	41
179	9.000	Censored: G3 ≥ 10	.	.	41
180	9.000	Censored: G3 ≥ 10	.	.	41
181	9.000	Censored: G3 ≥ 10	.	.	41
182	9.000	Censored: G3 ≥ 10	.	.	41
183	9.000	Censored: G3 ≥ 10	.	.	41
184	9.000	Censored: G3 ≥ 10	.	.	41
185	9.000	Censored: G3 ≥ 10	.	.	41
186	10.000	Censored: G3 ≥ 10	.	.	41
187	11.000	Event: G3 < 10	.657	.053	42
188	11.000	Censored: G3 ≥ 10	.	.	42
189	11.000	Censored: G3 ≥ 10	.	.	42
190	11.000	Censored: G3 ≥ 10	.	.	42
191	12.000	Censored: G3 ≥ 10	.	.	42
192	12.000	Censored: G3 ≥ 10	.	.	42

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
175	37
176	36
177	35
178	34
179	33
180	32
181	31
182	30
183	29
184	28
185	27
186	26
187	25
188	24
189	23
190	22
191	21
192	20

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
193	12.000	Censored: G3 ≥ 10	.	.	42
194	13.000	Event: G3 < 10	.	.	43
195	13.000	Event: G3 < 10	.	.	44
196	13.000	Event: G3 < 10	.553	.071	45
197	13.000	Censored: G3 ≥ 10	.	.	45
198	13.000	Censored: G3 ≥ 10	.	.	45
199	13.000	Censored: G3 ≥ 10	.	.	45
200	14.000	Censored: G3 ≥ 10	.	.	45
201	15.000	Event: G3 < 10	.	.	46
202	15.000	Event: G3 < 10	.461	.084	47
203	15.000	Censored: G3 ≥ 10	.	.	47
204	17.000	Event: G3 < 10	.410	.089	48
205	17.000	Censored: G3 ≥ 10	.	.	48
206	17.000	Censored: G3 ≥ 10	.	.	48
207	19.000	Censored: G3 ≥ 10	.	.	48
208	22.000	Censored: G3 ≥ 10	.	.	48
209	23.000	Event: G3 < 10	.307	.111	49
210	23.000	Censored: G3 ≥ 10	.	.	49

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
193	19
194	18
195	17
196	16
197	15
198	14
199	13
200	12
201	11
202	10
203	9
204	8
205	7
206	6
207	5
208	4
209	3
210	2

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
211	27.000	Event: G3 < 10	.154	.122	50
212	31.000	Censored: G3 >= 10	.	.	50
2	1	Event: G3 < 10	.	.	1
	2	Event: G3 < 10	.	.	2
	3	Event: G3 < 10	.	.	3
	4	Event: G3 < 10	.	.	4
	5	Event: G3 < 10	.	.	5
	6	Event: G3 < 10	.	.	6
	7	Event: G3 < 10	.	.	7
	8	Event: G3 < 10	.	.	8
	9	Event: G3 < 10	.	.	9
	10	Event: G3 < 10	.	.	10
	11	Event: G3 < 10	.	.	11
	12	Event: G3 < 10	.	.	12
	13	Event: G3 < 10	.	.	13
	14	Event: G3 < 10	.954	.012	14
	15	Censored: G3 >= 10	.	.	14
	16	Censored: G3 >= 10	.	.	14

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor		N of Remaining Cases
	211	1
	212	0
2	1	304
	2	303
	3	302
	4	301
	5	300
	6	299
	7	298
	8	297
	9	296
	10	295
	11	294
	12	293
	13	292
	14	291
	15	290
	16	289

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
17	1.000	Censored: G3 ≥ 10	.	.	14
18	1.000	Censored: G3 ≥ 10	.	.	14
19	1.000	Censored: G3 ≥ 10	.	.	14
20	1.000	Censored: G3 ≥ 10	.	.	14
21	1.000	Censored: G3 ≥ 10	.	.	14
22	1.000	Censored: G3 ≥ 10	.	.	14
23	1.000	Censored: G3 ≥ 10	.	.	14
24	1.000	Censored: G3 ≥ 10	.	.	14
25	1.000	Censored: G3 ≥ 10	.	.	14
26	1.000	Censored: G3 ≥ 10	.	.	14
27	1.000	Censored: G3 ≥ 10	.	.	14
28	1.000	Censored: G3 ≥ 10	.	.	14
29	1.000	Censored: G3 ≥ 10	.	.	14
30	1.000	Censored: G3 ≥ 10	.	.	14
31	1.000	Censored: G3 ≥ 10	.	.	14
32	1.000	Censored: G3 ≥ 10	.	.	14
33	1.000	Censored: G3 ≥ 10	.	.	14
34	1.000	Censored: G3 ≥ 10	.	.	14

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
17	288
18	287
19	286
20	285
21	284
22	283
23	282
24	281
25	280
26	279
27	278
28	277
29	276
30	275
31	274
32	273
33	272
34	271

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
35	1.000	Censored: G3 >= 10	.	.	14
36	1.000	Censored: G3 >= 10	.	.	14
37	1.000	Censored: G3 >= 10	.	.	14
38	1.000	Censored: G3 >= 10	.	.	14
39	1.000	Censored: G3 >= 10	.	.	14
40	1.000	Censored: G3 >= 10	.	.	14
41	1.000	Censored: G3 >= 10	.	.	14
42	1.000	Censored: G3 >= 10	.	.	14
43	1.000	Censored: G3 >= 10	.	.	14
44	1.000	Censored: G3 >= 10	.	.	14
45	1.000	Censored: G3 >= 10	.	.	14
46	1.000	Censored: G3 >= 10	.	.	14
47	1.000	Censored: G3 >= 10	.	.	14
48	1.000	Censored: G3 >= 10	.	.	14
49	1.000	Censored: G3 >= 10	.	.	14
50	1.000	Censored: G3 >= 10	.	.	14
51	1.000	Censored: G3 >= 10	.	.	14
52	1.000	Censored: G3 >= 10	.	.	14

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
35	270
36	269
37	268
38	267
39	266
40	265
41	264
42	263
43	262
44	261
45	260
46	259
47	258
48	257
49	256
50	255
51	254
52	253

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
53	1.000	Censored: G3 >= 10	.	.	14
54	1.000	Censored: G3 >= 10	.	.	14
55	1.000	Censored: G3 >= 10	.	.	14
56	1.000	Censored: G3 >= 10	.	.	14
57	1.000	Censored: G3 >= 10	.	.	14
58	1.000	Censored: G3 >= 10	.	.	14
59	1.000	Censored: G3 >= 10	.	.	14
60	1.000	Censored: G3 >= 10	.	.	14
61	1.000	Censored: G3 >= 10	.	.	14
62	1.000	Censored: G3 >= 10	.	.	14
63	1.000	Censored: G3 >= 10	.	.	14
64	1.000	Censored: G3 >= 10	.	.	14
65	1.000	Censored: G3 >= 10	.	.	14
66	1.000	Censored: G3 >= 10	.	.	14
67	1.000	Censored: G3 >= 10	.	.	14
68	1.000	Censored: G3 >= 10	.	.	14
69	1.000	Censored: G3 >= 10	.	.	14
70	1.000	Censored: G3 >= 10	.	.	14

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
53	252
54	251
55	250
56	249
57	248
58	247
59	246
60	245
61	244
62	243
63	242
64	241
65	240
66	239
67	238
68	237
69	236
70	235

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
71	1.000	Censored: G3 >= 10	.	.	14
72	1.000	Censored: G3 >= 10	.	.	14
73	1.000	Censored: G3 >= 10	.	.	14
74	1.000	Censored: G3 >= 10	.	.	14
75	1.000	Censored: G3 >= 10	.	.	14
76	1.000	Censored: G3 >= 10	.	.	14
77	1.000	Censored: G3 >= 10	.	.	14
78	1.000	Censored: G3 >= 10	.	.	14
79	1.000	Censored: G3 >= 10	.	.	14
80	1.000	Censored: G3 >= 10	.	.	14
81	1.000	Censored: G3 >= 10	.	.	14
82	1.000	Censored: G3 >= 10	.	.	14
83	1.000	Censored: G3 >= 10	.	.	14
84	1.000	Censored: G3 >= 10	.	.	14
85	1.000	Censored: G3 >= 10	.	.	14
86	1.000	Censored: G3 >= 10	.	.	14
87	1.000	Censored: G3 >= 10	.	.	14
88	1.000	Censored: G3 >= 10	.	.	14

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
71	234
72	233
73	232
74	231
75	230
76	229
77	228
78	227
79	226
80	225
81	224
82	223
83	222
84	221
85	220
86	219
87	218
88	217

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
89	1.000	Censored: G3 >= 10	.	.	14
90	1.000	Censored: G3 >= 10	.	.	14
91	1.000	Censored: G3 >= 10	.	.	14
92	1.000	Censored: G3 >= 10	.	.	14
93	1.000	Censored: G3 >= 10	.	.	14
94	1.000	Censored: G3 >= 10	.	.	14
95	1.000	Censored: G3 >= 10	.	.	14
96	1.000	Censored: G3 >= 10	.	.	14
97	1.000	Censored: G3 >= 10	.	.	14
98	1.000	Censored: G3 >= 10	.	.	14
99	1.000	Censored: G3 >= 10	.	.	14
100	1.000	Censored: G3 >= 10	.	.	14
101	1.000	Censored: G3 >= 10	.	.	14
102	1.000	Censored: G3 >= 10	.	.	14
103	1.000	Censored: G3 >= 10	.	.	14
104	1.000	Censored: G3 >= 10	.	.	14
105	1.000	Censored: G3 >= 10	.	.	14
106	1.000	Censored: G3 >= 10	.	.	14

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
89	216
90	215
91	214
92	213
93	212
94	211
95	210
96	209
97	208
98	207
99	206
100	205
101	204
102	203
103	202
104	201
105	200
106	199

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
107	1.000	Censored: G3 ≥ 10	.	.	14
108	1.000	Censored: G3 ≥ 10	.	.	14
109	1.000	Censored: G3 ≥ 10	.	.	14
110	1.000	Censored: G3 ≥ 10	.	.	14
111	1.000	Censored: G3 ≥ 10	.	.	14
112	1.000	Censored: G3 ≥ 10	.	.	14
113	1.000	Censored: G3 ≥ 10	.	.	14
114	1.000	Censored: G3 ≥ 10	.	.	14
115	1.000	Censored: G3 ≥ 10	.	.	14
116	1.000	Censored: G3 ≥ 10	.	.	14
117	1.000	Censored: G3 ≥ 10	.	.	14
118	1.000	Censored: G3 ≥ 10	.	.	14
119	1.000	Censored: G3 ≥ 10	.	.	14
120	1.000	Censored: G3 ≥ 10	.	.	14
121	1.000	Censored: G3 ≥ 10	.	.	14
122	2.000	Censored: G3 ≥ 10	.	.	14
123	2.000	Censored: G3 ≥ 10	.	.	14
124	2.000	Censored: G3 ≥ 10	.	.	14

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
107	198
108	197
109	196
110	195
111	194
112	193
113	192
114	191
115	190
116	189
117	188
118	187
119	186
120	185
121	184
122	183
123	182
124	181

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
125	2.000	Censored: G3 ≥ 10	.	.	14
126	2.000	Censored: G3 ≥ 10	.	.	14
127	2.000	Censored: G3 ≥ 10	.	.	14
128	3.000	Event: G3 < 10	.	.	15
129	3.000	Event: G3 < 10	.	.	16
130	3.000	Event: G3 < 10	.	.	17
131	3.000	Event: G3 < 10	.	.	18
132	3.000	Event: G3 < 10	.927	.017	19
133	3.000	Censored: G3 ≥ 10	.	.	19
134	3.000	Censored: G3 ≥ 10	.	.	19
135	3.000	Censored: G3 ≥ 10	.	.	19
136	3.000	Censored: G3 ≥ 10	.	.	19
137	3.000	Censored: G3 ≥ 10	.	.	19
138	3.000	Censored: G3 ≥ 10	.	.	19
139	3.000	Censored: G3 ≥ 10	.	.	19
140	3.000	Censored: G3 ≥ 10	.	.	19
141	3.000	Censored: G3 ≥ 10	.	.	19
142	3.000	Censored: G3 ≥ 10	.	.	19

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
125	180
126	179
127	178
128	177
129	176
130	175
131	174
132	173
133	172
134	171
135	170
136	169
137	168
138	167
139	166
140	165
141	164
142	163

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
143	3.000	Censored: G3 ≥ 10	.	.	19
144	3.000	Censored: G3 ≥ 10	.	.	19
145	3.000	Censored: G3 ≥ 10	.	.	19
146	3.000	Censored: G3 ≥ 10	.	.	19
147	3.000	Censored: G3 ≥ 10	.	.	19
148	3.000	Censored: G3 ≥ 10	.	.	19
149	3.000	Censored: G3 ≥ 10	.	.	19
150	3.000	Censored: G3 ≥ 10	.	.	19
151	3.000	Censored: G3 ≥ 10	.	.	19
152	3.000	Censored: G3 ≥ 10	.	.	19
153	3.000	Censored: G3 ≥ 10	.	.	19
154	3.000	Censored: G3 ≥ 10	.	.	19
155	3.000	Censored: G3 ≥ 10	.	.	19
156	3.000	Censored: G3 ≥ 10	.	.	19
157	3.000	Censored: G3 ≥ 10	.	.	19
158	3.000	Censored: G3 ≥ 10	.	.	19
159	3.000	Censored: G3 ≥ 10	.	.	19
160	3.000	Censored: G3 ≥ 10	.	.	19

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
143	162
144	161
145	160
146	159
147	158
148	157
149	156
150	155
151	154
152	153
153	152
154	151
155	150
156	149
157	148
158	147
159	146
160	145

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
161	3.000	Censored: G3 ≥ 10	.	.	19
162	3.000	Censored: G3 ≥ 10	.	.	19
163	3.000	Censored: G3 ≥ 10	.	.	19
164	3.000	Censored: G3 ≥ 10	.	.	19
165	3.000	Censored: G3 ≥ 10	.	.	19
166	3.000	Censored: G3 ≥ 10	.	.	19
167	3.000	Censored: G3 ≥ 10	.	.	19
168	3.000	Censored: G3 ≥ 10	.	.	19
169	3.000	Censored: G3 ≥ 10	.	.	19
170	3.000	Censored: G3 ≥ 10	.	.	19
171	3.000	Censored: G3 ≥ 10	.	.	19
172	3.000	Censored: G3 ≥ 10	.	.	19
173	3.000	Censored: G3 ≥ 10	.	.	19
174	3.000	Censored: G3 ≥ 10	.	.	19
175	3.000	Censored: G3 ≥ 10	.	.	19
176	3.000	Censored: G3 ≥ 10	.	.	19
177	3.000	Censored: G3 ≥ 10	.	.	19
178	3.000	Censored: G3 ≥ 10	.	.	19

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
161	144
162	143
163	142
164	141
165	140
166	139
167	138
168	137
169	136
170	135
171	134
172	133
173	132
174	131
175	130
176	129
177	128
178	127

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
179	3.000	Censored: G3 ≥ 10	.	.	19
180	3.000	Censored: G3 ≥ 10	.	.	19
181	3.000	Censored: G3 ≥ 10	.	.	19
182	3.000	Censored: G3 ≥ 10	.	.	19
183	4.000	Event: G3 < 10	.	.	20
184	4.000	Event: G3 < 10	.912	.019	21
185	5.000	Event: G3 < 10	.	.	22
186	5.000	Event: G3 < 10	.	.	23
187	5.000	Event: G3 < 10	.	.	24
188	5.000	Event: G3 < 10	.	.	25
189	5.000	Event: G3 < 10	.875	.025	26
190	5.000	Censored: G3 ≥ 10	.	.	26
191	5.000	Censored: G3 ≥ 10	.	.	26
192	5.000	Censored: G3 ≥ 10	.	.	26
193	5.000	Censored: G3 ≥ 10	.	.	26
194	5.000	Censored: G3 ≥ 10	.	.	26
195	5.000	Censored: G3 ≥ 10	.	.	26
196	5.000	Censored: G3 ≥ 10	.	.	26

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
179	126
180	125
181	124
182	123
183	122
184	121
185	120
186	119
187	118
188	117
189	116
190	115
191	114
192	113
193	112
194	111
195	110
196	109

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
197	5.000	Censored: G3 >= 10	.	.	26
198	5.000	Censored: G3 >= 10	.	.	26
199	5.000	Censored: G3 >= 10	.	.	26
200	5.000	Censored: G3 >= 10	.	.	26
201	5.000	Censored: G3 >= 10	.	.	26
202	5.000	Censored: G3 >= 10	.	.	26
203	5.000	Censored: G3 >= 10	.	.	26
204	5.000	Censored: G3 >= 10	.	.	26
205	5.000	Censored: G3 >= 10	.	.	26
206	5.000	Censored: G3 >= 10	.	.	26
207	5.000	Censored: G3 >= 10	.	.	26
208	5.000	Censored: G3 >= 10	.	.	26
209	5.000	Censored: G3 >= 10	.	.	26
210	5.000	Censored: G3 >= 10	.	.	26
211	5.000	Censored: G3 >= 10	.	.	26
212	5.000	Censored: G3 >= 10	.	.	26
213	5.000	Censored: G3 >= 10	.	.	26
214	5.000	Censored: G3 >= 10	.	.	26

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
197	108
198	107
199	106
200	105
201	104
202	103
203	102
204	101
205	100
206	99
207	98
208	97
209	96
210	95
211	94
212	93
213	92
214	91

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
215	5.000	Censored: G3 ≥ 10	.	.	26
216	5.000	Censored: G3 ≥ 10	.	.	26
217	5.000	Censored: G3 ≥ 10	.	.	26
218	5.000	Censored: G3 ≥ 10	.	.	26
219	5.000	Censored: G3 ≥ 10	.	.	26
220	5.000	Censored: G3 ≥ 10	.	.	26
221	5.000	Censored: G3 ≥ 10	.	.	26
222	5.000	Censored: G3 ≥ 10	.	.	26
223	5.000	Censored: G3 ≥ 10	.	.	26
224	5.000	Censored: G3 ≥ 10	.	.	26
225	6.000	Censored: G3 ≥ 10	.	.	26
226	6.000	Censored: G3 ≥ 10	.	.	26
227	7.000	Event: G3 < 10	.	.	27
228	7.000	Event: G3 < 10	.852	.029	28
229	7.000	Censored: G3 ≥ 10	.	.	28
230	7.000	Censored: G3 ≥ 10	.	.	28
231	7.000	Censored: G3 ≥ 10	.	.	28
232	7.000	Censored: G3 ≥ 10	.	.	28

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
215	90
216	89
217	88
218	87
219	86
220	85
221	84
222	83
223	82
224	81
225	80
226	79
227	78
228	77
229	76
230	75
231	74
232	73

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
233	7.000	Censored: G3 ≥ 10	.	.	28
234	7.000	Censored: G3 ≥ 10	.	.	28
235	7.000	Censored: G3 ≥ 10	.	.	28
236	7.000	Censored: G3 ≥ 10	.	.	28
237	7.000	Censored: G3 ≥ 10	.	.	28
238	7.000	Censored: G3 ≥ 10	.	.	28
239	7.000	Censored: G3 ≥ 10	.	.	28
240	7.000	Censored: G3 ≥ 10	.	.	28
241	7.000	Censored: G3 ≥ 10	.	.	28
242	7.000	Censored: G3 ≥ 10	.	.	28
243	7.000	Censored: G3 ≥ 10	.	.	28
244	7.000	Censored: G3 ≥ 10	.	.	28
245	7.000	Censored: G3 ≥ 10	.	.	28
246	7.000	Censored: G3 ≥ 10	.	.	28
247	8.000	Event: G3 < 10	.838	.032	29
248	9.000	Event: G3 < 10	.	.	30
249	9.000	Event: G3 < 10	.	.	31
250	9.000	Event: G3 < 10	.	.	32

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
233	72
234	71
235	70
236	69
237	68
238	67
239	66
240	65
241	64
242	63
243	62
244	61
245	60
246	59
247	58
248	57
249	56
250	55

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
251	9.000	Event: G3 < 10	.780	.041	33
252	9.000	Censored: G3 >= 10	.	.	33
253	9.000	Censored: G3 >= 10	.	.	33
254	9.000	Censored: G3 >= 10	.	.	33
255	9.000	Censored: G3 >= 10	.	.	33
256	9.000	Censored: G3 >= 10	.	.	33
257	9.000	Censored: G3 >= 10	.	.	33
258	9.000	Censored: G3 >= 10	.	.	33
259	9.000	Censored: G3 >= 10	.	.	33
260	9.000	Censored: G3 >= 10	.	.	33
261	9.000	Censored: G3 >= 10	.	.	33
262	9.000	Censored: G3 >= 10	.	.	33
263	9.000	Censored: G3 >= 10	.	.	33
264	9.000	Censored: G3 >= 10	.	.	33
265	9.000	Censored: G3 >= 10	.	.	33
266	10.000	Event: G3 < 10	.	.	34
267	10.000	Event: G3 < 10	.	.	35
268	10.000	Event: G3 < 10	.722	.050	36

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
251	54
252	53
253	52
254	51
255	50
256	49
257	48
258	47
259	46
260	45
261	44
262	43
263	42
264	41
265	40
266	39
267	38
268	37

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
269	10.000	Censored: G3 ≥ 10	.	.	36
270	10.000	Censored: G3 ≥ 10	.	.	36
271	10.000	Censored: G3 ≥ 10	.	.	36
272	11.000	Event: G3 < 10	.	.	37
273	11.000	Event: G3 < 10	.679	.055	38
274	11.000	Censored: G3 ≥ 10	.	.	38
275	11.000	Censored: G3 ≥ 10	.	.	38
276	11.000	Censored: G3 ≥ 10	.	.	38
277	11.000	Censored: G3 ≥ 10	.	.	38
278	11.000	Censored: G3 ≥ 10	.	.	38
279	11.000	Censored: G3 ≥ 10	.	.	38
280	11.000	Censored: G3 ≥ 10	.	.	38
281	11.000	Censored: G3 ≥ 10	.	.	38
282	12.000	Censored: G3 ≥ 10	.	.	38
283	12.000	Censored: G3 ≥ 10	.	.	38
284	13.000	Event: G3 < 10	.648	.061	39
285	13.000	Censored: G3 ≥ 10	.	.	39
286	13.000	Censored: G3 ≥ 10	.	.	39

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
269	36
270	35
271	34
272	33
273	32
274	31
275	30
276	29
277	28
278	27
279	26
280	25
281	24
282	23
283	22
284	21
285	20
286	19

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
287	13.000	Censored: G3 ≥ 10	.	.	39
288	15.000	Censored: G3 ≥ 10	.	.	39
289	15.000	Censored: G3 ≥ 10	.	.	39
290	15.000	Censored: G3 ≥ 10	.	.	39
291	15.000	Censored: G3 ≥ 10	.	.	39
292	16.000	Censored: G3 ≥ 10	.	.	39
293	16.000	Censored: G3 ≥ 10	.	.	39
294	17.000	Event: G3 < 10	.594	.076	40
295	17.000	Censored: G3 ≥ 10	.	.	40
296	17.000	Censored: G3 ≥ 10	.	.	40
297	17.000	Censored: G3 ≥ 10	.	.	40
298	17.000	Censored: G3 ≥ 10	.	.	40
299	17.000	Censored: G3 ≥ 10	.	.	40
300	17.000	Censored: G3 ≥ 10	.	.	40
301	19.000	Censored: G3 ≥ 10	.	.	40
302	19.000	Censored: G3 ≥ 10	.	.	40
303	22.000	Censored: G3 ≥ 10	.	.	40
304	25.000	Event: G3 < 10	.297	.214	41

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
287	18
288	17
289	16
290	15
291	14
292	13
293	12
294	11
295	10
296	9
297	8
298	7
299	6
300	5
301	4
302	3
303	2
304	1

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor		Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
				Estimate	Std. Error	
305		33.000	Censored: G3 ≥ 10	.	.	41
3	1	1.000	Event: G3 < 10	.	.	1
	2	1.000	Event: G3 < 10	.979	.014	2
	3	1.000	Censored: G3 ≥ 10	.	.	2
	4	1.000	Censored: G3 ≥ 10	.	.	2
	5	1.000	Censored: G3 ≥ 10	.	.	2
	6	1.000	Censored: G3 ≥ 10	.	.	2
	7	1.000	Censored: G3 ≥ 10	.	.	2
	8	1.000	Censored: G3 ≥ 10	.	.	2
	9	1.000	Censored: G3 ≥ 10	.	.	2
	10	1.000	Censored: G3 ≥ 10	.	.	2
	11	1.000	Censored: G3 ≥ 10	.	.	2
	12	1.000	Censored: G3 ≥ 10	.	.	2
	13	1.000	Censored: G3 ≥ 10	.	.	2
	14	1.000	Censored: G3 ≥ 10	.	.	2
	15	1.000	Censored: G3 ≥ 10	.	.	2
	16	1.000	Censored: G3 ≥ 10	.	.	2
	17	1.000	Censored: G3 ≥ 10	.	.	2

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor		N of Remaining Cases
305		0
3	1	96
	2	95
	3	94
	4	93
	5	92
	6	91
	7	90
	8	89
	9	88
	10	87
	11	86
	12	85
	13	84
	14	83
	15	82
	16	81
	17	80

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
18	1.000	Censored: G3 ≥ 10	.	.	2
19	1.000	Censored: G3 ≥ 10	.	.	2
20	1.000	Censored: G3 ≥ 10	.	.	2
21	1.000	Censored: G3 ≥ 10	.	.	2
22	1.000	Censored: G3 ≥ 10	.	.	2
23	1.000	Censored: G3 ≥ 10	.	.	2
24	1.000	Censored: G3 ≥ 10	.	.	2
25	1.000	Censored: G3 ≥ 10	.	.	2
26	1.000	Censored: G3 ≥ 10	.	.	2
27	1.000	Censored: G3 ≥ 10	.	.	2
28	1.000	Censored: G3 ≥ 10	.	.	2
29	1.000	Censored: G3 ≥ 10	.	.	2
30	1.000	Censored: G3 ≥ 10	.	.	2
31	1.000	Censored: G3 ≥ 10	.	.	2
32	1.000	Censored: G3 ≥ 10	.	.	2
33	1.000	Censored: G3 ≥ 10	.	.	2
34	1.000	Censored: G3 ≥ 10	.	.	2
35	1.000	Censored: G3 ≥ 10	.	.	2

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
18	79
19	78
20	77
21	76
22	75
23	74
24	73
25	72
26	71
27	70
28	69
29	68
30	67
31	66
32	65
33	64
34	63
35	62

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
36	1.000	Censored: G3 ≥ 10	.	.	2
37	1.000	Censored: G3 ≥ 10	.	.	2
38	1.000	Censored: G3 ≥ 10	.	.	2
39	1.000	Censored: G3 ≥ 10	.	.	2
40	1.000	Censored: G3 ≥ 10	.	.	2
41	1.000	Censored: G3 ≥ 10	.	.	2
42	1.000	Censored: G3 ≥ 10	.	.	2
43	1.000	Censored: G3 ≥ 10	.	.	2
44	1.000	Censored: G3 ≥ 10	.	.	2
45	2.000	Censored: G3 ≥ 10	.	.	2
46	3.000	Event: G3 < 10	.961	.023	3
47	3.000	Censored: G3 ≥ 10	.	.	3
48	3.000	Censored: G3 ≥ 10	.	.	3
49	3.000	Censored: G3 ≥ 10	.	.	3
50	3.000	Censored: G3 ≥ 10	.	.	3
51	3.000	Censored: G3 ≥ 10	.	.	3
52	3.000	Censored: G3 ≥ 10	.	.	3
53	3.000	Censored: G3 ≥ 10	.	.	3

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
36	61
37	60
38	59
39	58
40	57
41	56
42	55
43	54
44	53
45	52
46	51
47	50
48	49
49	48
50	47
51	46
52	45
53	44

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
54	3.000	Censored: G3 >= 10	.	.	3
55	3.000	Censored: G3 >= 10	.	.	3
56	3.000	Censored: G3 >= 10	.	.	3
57	3.000	Censored: G3 >= 10	.	.	3
58	3.000	Censored: G3 >= 10	.	.	3
59	3.000	Censored: G3 >= 10	.	.	3
60	3.000	Censored: G3 >= 10	.	.	3
61	3.000	Censored: G3 >= 10	.	.	3
62	3.000	Censored: G3 >= 10	.	.	3
63	3.000	Censored: G3 >= 10	.	.	3
64	4.000	Event: G3 < 10	.932	.036	4
65	5.000	Censored: G3 >= 10	.	.	4
66	5.000	Censored: G3 >= 10	.	.	4
67	5.000	Censored: G3 >= 10	.	.	4
68	5.000	Censored: G3 >= 10	.	.	4
69	5.000	Censored: G3 >= 10	.	.	4
70	5.000	Censored: G3 >= 10	.	.	4
71	5.000	Censored: G3 >= 10	.	.	4

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
54	43
55	42
56	41
57	40
58	39
59	38
60	37
61	36
62	35
63	34
64	33
65	32
66	31
67	30
68	29
69	28
70	27
71	26

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
72	5.000	Censored: G3 ≥ 10	.	.	4
73	5.000	Censored: G3 ≥ 10	.	.	4
74	5.000	Censored: G3 ≥ 10	.	.	4
75	5.000	Censored: G3 ≥ 10	.	.	4
76	5.000	Censored: G3 ≥ 10	.	.	4
77	5.000	Censored: G3 ≥ 10	.	.	4
78	5.000	Censored: G3 ≥ 10	.	.	4
79	6.000	Event: G3 < 10	.883	.059	5
80	6.000	Censored: G3 ≥ 10	.	.	5
81	6.000	Censored: G3 ≥ 10	.	.	5
82	6.000	Censored: G3 ≥ 10	.	.	5
83	7.000	Event: G3 < 10	.824	.079	6
84	7.000	Censored: G3 ≥ 10	.	.	6
85	7.000	Censored: G3 ≥ 10	.	.	6
86	9.000	Censored: G3 ≥ 10	.	.	6
87	9.000	Censored: G3 ≥ 10	.	.	6
88	9.000	Censored: G3 ≥ 10	.	.	6
89	9.000	Censored: G3 ≥ 10	.	.	6

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
72	25
73	24
74	23
75	22
76	21
77	20
78	19
79	18
80	17
81	16
82	15
83	14
84	13
85	12
86	11
87	10
88	9
89	8

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
	90	11.000 Censored: G3 >= 10	.	.	6
	91	11.000 Censored: G3 >= 10	.	.	6
	92	11.000 Censored: G3 >= 10	.	.	6
	93	11.000 Censored: G3 >= 10	.	.	6
	94	11.000 Censored: G3 >= 10	.	.	6
	95	13.000 Censored: G3 >= 10	.	.	6
	96	13.000 Censored: G3 >= 10	.	.	6
	97	15.000 Event: G3 < 10	.000	.000	7
4	1	1.000 Censored: G3 >= 10	.	.	0
	2	1.000 Censored: G3 >= 10	.	.	0
	3	1.000 Censored: G3 >= 10	.	.	0
	4	1.000 Censored: G3 >= 10	.	.	0
	5	1.000 Censored: G3 >= 10	.	.	0
	6	1.000 Censored: G3 >= 10	.	.	0
	7	1.000 Censored: G3 >= 10	.	.	0
	8	1.000 Censored: G3 >= 10	.	.	0
	9	1.000 Censored: G3 >= 10	.	.	0
	10	1.000 Censored: G3 >= 10	.	.	0

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor		N of Remaining Cases
	90	7
	91	6
	92	5
	93	4
	94	3
	95	2
	96	1
	97	0
4	1	34
	2	33
	3	32
	4	31
	5	30
	6	29
	7	28
	8	27
	9	26
	10	25

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
11	1.000	Censored: G3 >= 10	.	.	0
12	1.000	Censored: G3 >= 10	.	.	0
13	2.000	Censored: G3 >= 10	.	.	0
14	3.000	Event: G3 < 10	.	.	1
15	3.000	Event: G3 < 10	.909	.061	2
16	3.000	Censored: G3 >= 10	.	.	2
17	3.000	Censored: G3 >= 10	.	.	2
18	3.000	Censored: G3 >= 10	.	.	2
19	3.000	Censored: G3 >= 10	.	.	2
20	3.000	Censored: G3 >= 10	.	.	2
21	3.000	Censored: G3 >= 10	.	.	2
22	5.000	Censored: G3 >= 10	.	.	2
23	5.000	Censored: G3 >= 10	.	.	2
24	5.000	Censored: G3 >= 10	.	.	2
25	5.000	Censored: G3 >= 10	.	.	2
26	5.000	Censored: G3 >= 10	.	.	2
27	7.000	Censored: G3 >= 10	.	.	2
28	7.000	Censored: G3 >= 10	.	.	2

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	N of Remaining Cases
11	24
12	23
13	22
14	21
15	20
16	19
17	18
18	17
19	16
20	15
21	14
22	13
23	12
24	11
25	10
26	9
27	8
28	7

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Survival Table

Weekly study time predictor	Time	Status	Cumulative Proportion Surviving at the Time		N of Cumulative Events
			Estimate	Std. Error	
29	7.000	Censored: G3 ≥ 10	.	.	2
30	7.000	Censored: G3 ≥ 10	.	.	2
31	7.000	Censored: G3 ≥ 10	.	.	2
32	9.000	Censored: G3 ≥ 10	.	.	2
33	9.000	Censored: G3 ≥ 10	.	.	2
34	11.000	Censored: G3 ≥ 10	.	.	2
35	11.000	Censored: G3 ≥ 10	.	.	2

Survival Table

Weekly study time predictor	N of Remaining Cases
29	6
30	5
31	4
32	3
33	2
34	1
35	0

Kaplan-Meier Survival Context
Nonparametric survival curve by studytime group

Means and Medians for Survival Time

			Mean ^a		Median
			95% Confidence Interval		
Weekly study time predictor	Estimate	Std. Error	Lower Bound	Upper Bound	Estimate
1	16.726	1.506	13.775	19.677	15.000
2	20.772	2.119	16.619	24.925	25.000
3	13.262	.780	11.734	14.790	15.000
4	10.273	.490	9.312	11.234	.
Overall	19.234	1.308	16.672	21.797	23.000

Means and Medians for Survival Time

Weekly study time predictor	Std. Error	Median	
		95% Confidence Interval	
		Lower Bound	Upper Bound
1	2.340	10.414	19.586
2	5.748	13.733	36.267
3	.000	.	.
4	.	.	.
Overall	5.295	12.621	33.379

a. Estimation is limited to the largest survival time if it is censored.

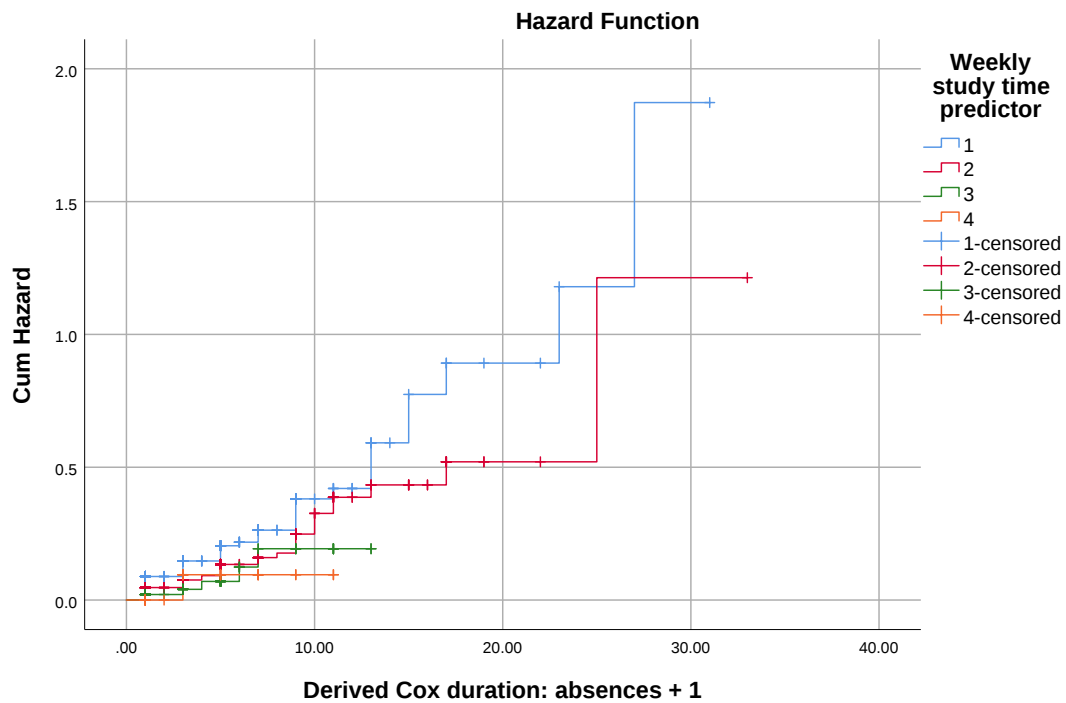
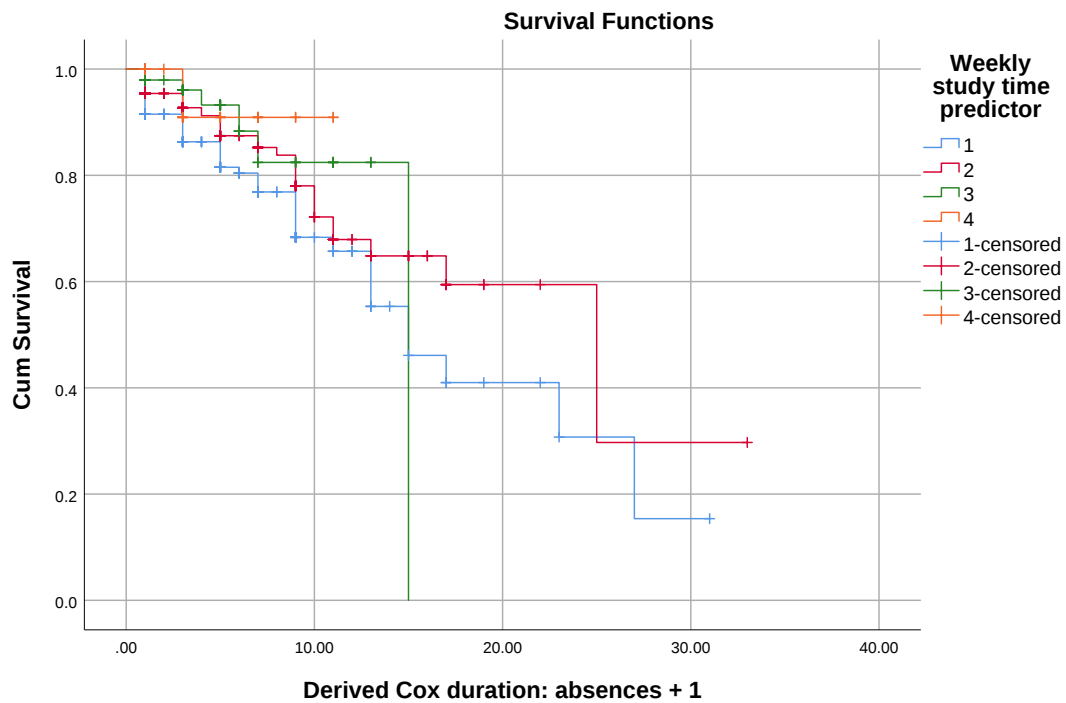
Overall Comparisons

	Chi-Square	df	Sig.
Log Rank (Mantel-Cox)	8.937	3	.030

Test of equality of survival distributions for the different levels of Weekly study time predictor.

Kaplan-Meier Survival Context

Nonparametric survival curve by studytime group



Cox Proportional Hazards Model

>Warning # 2004. Command name: SUBTITLE

>The subtitle given exceeds 60 characters in length. The first 60 characters
>will be used.

Cox Proportional Hazards Model
Duration: absences + 1; event: G3 < 10; predictors: academic

Cox Regression

Warnings

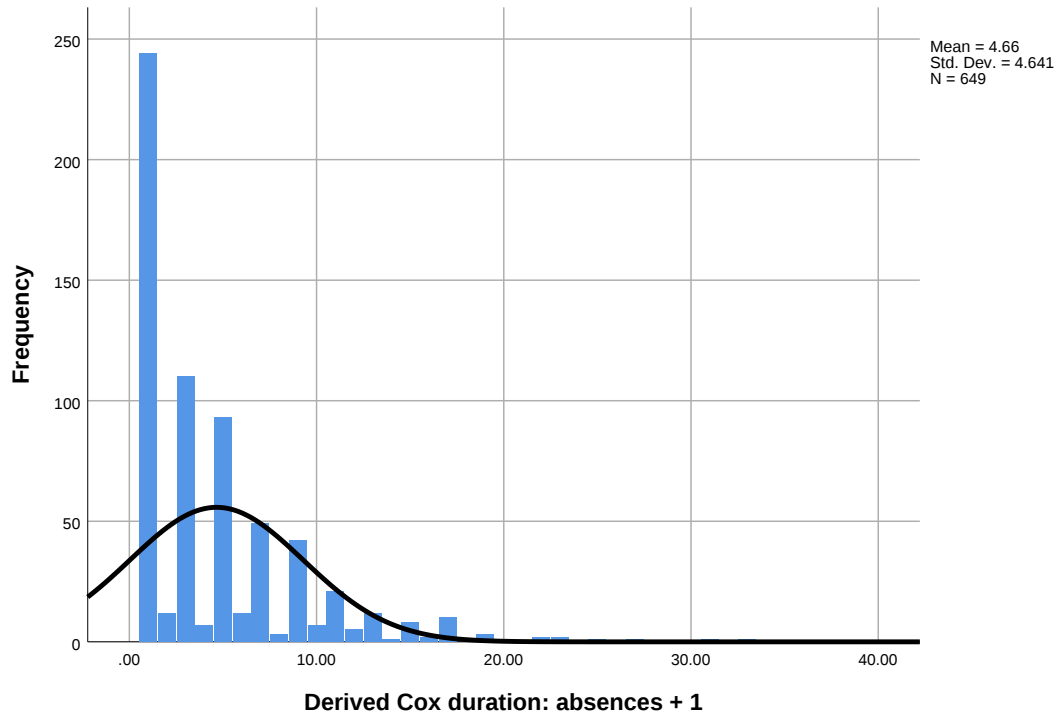
Unrecognized keyword in the PRINT subcommand. The recognized keywords are ALL, BASELINE, SUMMARY, CORR, CI, and DEFAULT.

Execution of this command stops.

Cox Proportional Hazards Model: Duration Histogram

Cox Proportional Hazards Model: Duration Histogram
SPSS native chart included in Viewer and PDF

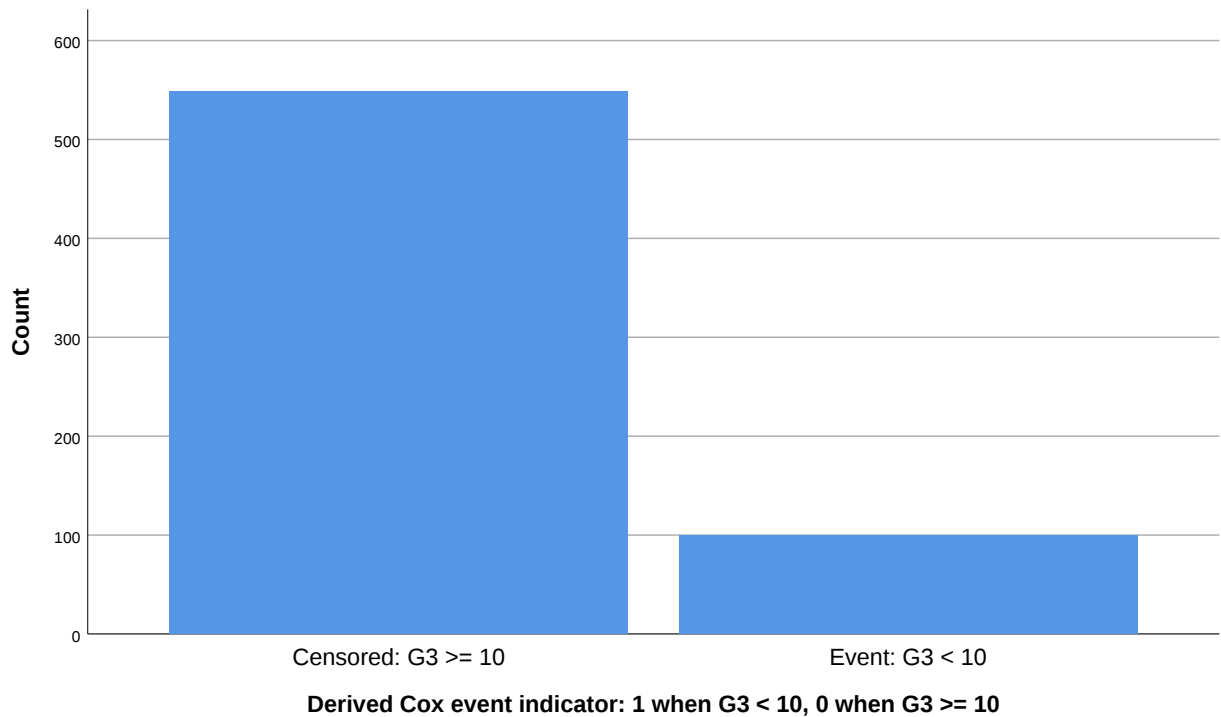
Graph



Cox Proportional Hazards Model: Event Counts

Cox Proportional Hazards Model: Event Counts
SPSS native bar chart included in Viewer and PDF

Graph



Data written to D:\DATA ANALYSIS\...\Cox Proportional Hazards Model\SPSS_Output\tables\cox_ph_spss_model_ready_data.csv.

35 variables and 649 cases written.

Variable: school	Type: String	Width: 8	
Variable: sex	Type: String	Width: 8	
Variable: age	Type: Number	Width: 8	Dec: 0
Variable: address	Type: String	Width: 8	
Variable: famsize	Type: String	Width: 8	
Variable: Pstatus	Type: String	Width: 8	
Variable: Medu	Type: Number	Width: 8	Dec: 0
Variable: Fedu	Type: Number	Width: 8	Dec: 0
Variable: Mjob	Type: String	Width: 16	
Variable: Fjob	Type: String	Width: 16	
Variable: reason	Type: String	Width: 16	
Variable: guardian	Type: String	Width: 16	
Variable: traveltime	Type: Number	Width: 8	Dec: 0
Variable: studytime	Type: Number	Width: 8	Dec: 0
Variable: failures	Type: Number	Width: 8	Dec: 0

Cox Proportional Hazards Model: Event Counts
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Variable: schoolsup	Type: String	Width: 8	
Variable: famsup	Type: String	Width: 8	
Variable: paid	Type: String	Width: 8	
Variable: activities	Type: String	Width: 8	
Variable: nursery	Type: String	Width: 8	
Variable: higher	Type: String	Width: 8	
Variable: internet	Type: String	Width: 8	
Variable: romantic	Type: String	Width: 8	
Variable: famrel	Type: Number	Width: 8	Dec: 0
Variable: freetime	Type: Number	Width: 8	Dec: 0
Variable: goout	Type: Number	Width: 8	Dec: 0
Variable: Dalc	Type: Number	Width: 8	Dec: 0
Variable: Walc	Type: Number	Width: 8	Dec: 0
Variable: health	Type: Number	Width: 8	Dec: 0
Variable: absences	Type: Number	Width: 8	Dec: 0
Variable: G1	Type: Number	Width: 8	Dec: 0
Variable: G2	Type: Number	Width: 8	Dec: 0
Variable: G3	Type: Number	Width: 8	Dec: 0
Variable: cox_duration	Type: Number	Width: 8	Dec: 2
Variable: cox_event	Type: Number	Width: 8	Dec: 0