

**KAPLAN-MEIER TABLES FOR NORMALIZATION OUTCOMES
IN CHILDREN WITH SPEECH DELAY**

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Kaplan-Meier Tables for Normalization Outcomes in Children with Speech Delay

The following tables are taken from Appendix D in Gruber (1997). Each table was calculated from a sample of 24 children with speech delay who were assessed at approximately 6-month intervals as reported in Gruber (in submission, b, c). The heading for each table identifies the outcome measure. The first three tables are general severity measures for all consonant speech-sounds. The remaining measures are based on binary probability as described in Gruber (1997, in submission, c) for individual phones by word position. Calculation was based upon algorithms in Survival Tools for StatView (Abacus Concepts, 1995) in a Macintosh environment.

Each table represents a traditional Kaplan-Meier analysis supplemented by summary regression functions and confidence intervals. The interpretation of column headings is as follows:

<i>Case</i>	This is the subject number. Subjects were numbered from 1 to 24 according to chronological age at first testing.
<i>Age</i>	This is the chronological age in months at the normalization threshold-crossing as defined by the measure on the top line of each table.
<i>Status</i>	This indicates whether the age (column 2) for each subject was based on the outcome being right censored or uncensored.
<i>F(t)</i>	This is the Kaplan-Meier outcome probability. $F(t) = 1 - S(t)$. It is the cumulative failure function and was calculated from the cumulative survival function, $S(t)$.
<i>Fit</i>	This is the least squares linear regression fit calculated by regressing $F(t)$ on age.
<i>S(t) SE</i>	This is the summary regression fit standard error for the cumulative survival and failure functions.
<i>Cum Events</i>	This is the cumulative number of uncensored outcomes.
<i>Cum Censor</i>	This is the cumulative number of right censored events.
<i>+/- KM</i>	This is the 95% confidence interval for the Kaplan-Meier regression.

- +/- Regr** This is the 95% confidence interval for the summary linear regression corresponding to each regression fit.
- 95% lower** This is the 95% lower confidence interval for each summary regression fit probability, combining the confidence intervals for both KM and least squares regressions. To combine the confidence intervals it was necessary to take the square root of the sum of the squares of each component interval, +/- KM and +/- Regr.
- 95% upper** This is the 95% upper confidence interval corresponding to the 95% lower confidence interval (above).

REFERENCES

- Abacus Concepts (1995). *Survival tools for StatView*, Berkeley, CA: Abacus Concepts, Inc.
- Gruber, F. A. (1997). *Normalization of developmental phonological disorder: A survival analysis*. Unpublished Ph.D. dissertation, University of Wisconsin-Madison.
- Gruber, F. A. (in submission, a). Tutorial: Survival analysis: A statistic for clinical and efficacy applications.
- Gruber, F. A. (in submission, b). Probability estimates and paths to consonant normalization in children with speech delay.
- Gruber, F. A. (in submission, c). Variability and sequential order of consonant normalization in children with speech delay.

Table 1. 85 Percent of Consonants Correct (PCC).

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
13	54.0	U	.048	.046	.046	1	0	.091	.046	-.056	.148
9	56.0	U	.095	.111	.064	2	0	.125	.042	-.021	.243
1	57.0	U	.143	.144	.076	3	0	.150	.040	-.011	.299
6	60.0	U	.190	.206	.086	4	0	.167	.018	.038	.374
2	60.0	C	.190	.206	.086	4	1	.167	.018	.038	.374
3	61.0	U	.292	.292	.101	5	1	.197	.013	.094	.489
15	61.0	U	.292	.292	.101	6	1	.197	.013	.094	.489
14	61.5	U	.342	.334	.105	7	1	.206	.011	.128	.541
18	62.0	U	.393	.377	.109	8	1	.213	.009	.163	.590
10	63.0	U	.443	.463	.111	9	1	.217	.011	.246	.680
8	63.5	U	.494	.506	.112	10	1	.219	.013	.286	.725
11	64.0	U	.545	.548	.111	11	1	.219	.013	.329	.768
16	64.5	U	.595	.591	.110	12	1	.215	.015	.376	.807
5	68.0	C	.595	.591	.110	12	2	.215	.015	.376	.807
4	71.0	C	.595	.602	.110	12	3	.215	.015	.386	.817
21	71.5	U	.663	.618	.110	13	3	.217	.018	.400	.836
7	72.0	C	.663	.634	.110	13	4	.217	.018	.417	.852
12	75.0	C	.663	.733	.110	13	5	.217	.018	.515	.950
20	76.5	U	.775	.781	.118	14	5	.230	.035	.549	1.014
17	80.5	U	.888	.912	.099	15	5	.194	.043	.714	1.111
19	83.5	U	1.000	1.010	.000	16	5	.000	.052	.958	1.063

Table 2. 85 Percent of Consonants Correct-Adjusted (PCC-A).

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
8	50.0	U	.042	.105	.041	1	0	.080	.060	.005	.205
12	52.0	U	.083	.178	.056	2	0	.110	.051	.057	.299
6	53.5	U	.125	.233	.068	3	0	.132	.044	.094	.372
3	54.0	U	.208	.251	.083	4	0	.162	.042	.084	.418
15	54.0	U	.208	.251	.083	5	0	.162	.042	.084	.418
10	56.0	U	.250	.324	.088	6	0	.173	.036	.147	.501
19	56.5	U	.292	.342	.093	7	0	.182	.034	.157	.527
1	57.0	U	.417	.361	.101	8	0	.198	.033	.160	.561
2	57.0	U	.417	.361	.101	9	0	.198	.033	.160	.561
11	57.0	U	.417	.361	.101	10	0	.198	.033	.160	.561
13	57.5	U	.458	.379	.102	11	0	.199	.032	.177	.580
5	58.5	U	.500	.415	.102	12	0	.200	.032	.213	.618
17	61.0	U	.542	.507	.102	13	0	.200	.032	.304	.709
16	61.5	U	.583	.525	.101	14	0	.197	.032	.325	.724
18	62.0	U	.625	.543	.099	15	0	.194	.033	.346	.740
9	63.5	U	.667	.598	.096	16	0	.189	.037	.405	.790
14	65.0	U	.708	.653	.093	17	0	.182	.042	.466	.839
21	69.0	U	.750	.799	.088	18	0	.173	.059	.616	.981
4	71.0	C	.750	.872	.088	18	1	.173	.044	.693	1.050
24	72.0	U	.800	.908	.084	19	1	.164	.073	.728	1.088
7	72.0	C	.800	.908	.084	19	2	.164	.073	.728	1.088
20	73.5	U	.867	.963	.078	20	2	.153	.081	.789	1.136
22	76.5	U	1.000	1.072	.000	21	2	.000	.000	.000	.000
23	76.5	U	1.000	1.072	.000	22	2	.000	.000	.000	.000

Table 3. 85 Percent of Consonants Correct-Revised (PCC-R).

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
8	50.0	U	.043	.090	.043	1	0	.083	.046	.005	.185
1	51.0	U	.087	.128	.059	2	0	.115	.043	.005	.251
12	52.0	U	.130	.166	.070	3	0	.137	.040	.023	.309
6	53.5	U	.174	.223	.079	4	0	.155	.036	.064	.382
3	54.0	U	.261	.242	.092	5	0	.180	.035	.059	.425
15	54.0	U	.261	.242	.092	6	0	.180	.035	.059	.425
10	56.0	U	.304	.318	.096	7	0	.188	.031	.127	.506
2	57.0	U	.391	.356	.102	8	0	.199	.030	.155	.557
11	57.0	U	.391	.356	.102	9	0	.199	.030	.155	.557
13	57.5	U	.435	.375	.103	10	0	.203	.029	.170	.580
5	58.5	U	.478	.413	.104	11	0	.204	.028	.207	.619
17	61.0	U	.522	.508	.104	12	0	.204	.030	.302	.714
16	61.5	U	.565	.527	.103	13	0	.202	.030	.323	.731
18	62.0	U	.609	.546	.102	14	0	.200	.031	.344	.748
9	63.5	U	.652	.603	.099	15	0	.194	.034	.406	.800
14	65.0	U	.696	.660	.096	16	0	.188	.037	.468	.852
20	67.5	U	.739	.755	.092	17	0	.179	.044	.571	.939
21	69.0	U	.783	.812	.086	18	0	.169	.049	.636	.988
4	71.0	C	.783	.888	.086	18	1	.169	.056	.710	1.066
24	72.0	U	.837	.926	.080	19	1	.157	.059	.758	1.094
7	72.0	C	.837	.926	.080	19	2	.157	.059	.758	1.094
22	76.5	U	1.000	1.097	.000	20	2	.000	.062	.482	1.712
23	76.5	U	1.000	1.097	.000	21	2	.000	.062	.482	1.712

Table 4. Initial [l] - Binary Probability.

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
1	44.5	U	.045	.023	.044	1	0	.087	.053	-.057	.147
8	50.0	U	.136	.136	.073	2	0	.143	.000	-.007	.279
10	50.0	U	.136	.136	.073	3	0	.143	.000	-.007	.279
2	51.0	U	.182	.182	.082	4	0	.161	.000	.021	.343
12	52.0	U	.227	.227	.089	5	0	.175	.000	.052	.402
3	54.0	U	.318	.318	.099	6	0	.180	.001	.137	.499
15	54.0	U	.318	.318	.099	7	0	.180	.001	.137	.499
17	55.0	U	.364	.364	.103	8	0	.201	.000	.163	.565
6	60.5	U	.409	.433	.105	9	0	.205	.022	.203	.615
18	62.0	U	.455	.471	.106	10	0	.209	.021	.245	.665
11	63.0	U	.500	.497	.107	11	0	.209	.020	.290	.710
14	65.0	U	.545	.548	.106	12	0	.208	.021	.335	.755
13	67.0	C	.545	.548	.106	12	1	.208	.021	.335	.755
16	68.0	U	.596	.625	.106	13	1	.207	.023	.388	.804
5	68.0	C	.596	.625	.106	13	2	.207	.023	.388	.804
21	69.0	U	.654	.651	.105	14	2	.206	.023	.446	.862
4	71.0	C	.654	.651	.105	14	3	.206	.023	.446	.862
24	72.0	U	.723	.727	.104	15	3	.205	.028	.516	.930
7	72.0	C	.723	.727	.104	15	4	.205	.028	.516	.930
20	73.5	U	.815	.766	.103	16	4	.201	.031	.612	1.018
22	83.5	U	1.000	—	.000	17	4	.000	—	—	—
23	83.5	U	1.000	—	.000	18	4	.000	—	—	—

Table 5. Initial [s] - Binary Probability.

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
1	48.0	U	.045	-.015	.044	1	0	.087	.040	-.055	.145
10	53.0	U	.091	.115	.061	2	0	.120	.029	-.032	.214
2	54.0	U	.136	.141	.073	3	0	.143	.027	-.010	.282
6	57.0	U	.182	.219	.082	4	0	.161	.022	.020	.344
7	58.0	U	.227	.245	.089	5	0	.175	.021	.051	.403
11	60.0	U	.273	.297	.095	6	0	.186	.019	.086	.460
19	61.0	U	.318	.323	.099	7	0	.194	.019	.123	.513
17	64.0	U	.364	.401	.103	8	0	.201	.020	.162	.566
3	65.0	U	.455	.427	.106	9	0	.209	.021	.245	.665
16	65.0	U	.455	.427	.106	10	0	.209	.021	.245	.665
8	66.0	C	.455	.427	.106	10	1	.209	.021	.245	.665
9	67.0	U	.504	.479	.107	11	1	.211	.024	.292	.716
12	67.0	C	.504	.479	.107	11	2	.211	.024	.292	.716
13	67.0	C	.504	.479	.107	11	3	.211	.024	.292	.716
5	68.0	C	.504	.479	.107	11	4	.211	.024	.292	.716
20	70.0	U	.575	.557	.113	12	4	.222	.030	.351	.799
4	71.0	C	.575	.557	.113	12	5	.222	.030	.351	.799
18	72.0	C	.575	.557	.113	12	6	.222	.030	.351	.799
24	75.0	U	.681	.687	.125	13	6	.245	.040	.433	.929
14	75.0	C	.681	.687	.125	13	7	.245	.040	.433	.929
22	80.0	U	1.000	.818	.000	14	7	.000	.053	.947	1.053
23	80.0	U	1.000	.818	.000	15	7	.000	.053	.947	1.053

Table 6. Final [d] - Binary Probability.

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
3	41.5	U	.071	.067	.069	1	0	.134	.062	-.077	.219
2	44.5	U	.143	.185	.094	2	0	.183	.050	-.047	.333
5	45.0	U	.214	.204	.110	3	0	.215	.049	-.006	.434
7	48.5	U	.286	.342	.121	4	0	.237	.037	.046	.526
1	51.0	U	.429	.440	.132	5	0	.260	.033	.167	.691
11	51.0	U	.429	.440	.132	6	0	.260	.033	.167	.691
6	53.0	U	.500	.519	.134	7	0	.262	.031	.236	.764
16	55.0	U	.643	.597	.128	8	0	.251	.033	.390	.896
18	55.0	U	.643	.597	.128	9	0	.251	.033	.390	.896
8	57.0	U	.714	.676	.121	10	0	.236	.037	.475	.953
13	57.5	U	.786	.695	.110	11	0	.215	.039	.558	1.014
20	61.5	U	.857	.853	.094	12	0	.183	.051	.667	1.047
24	66.0	U	.929	1.029	.069	13	0	.135	.070	.777	1.081
4	71.0	C	.929	1.029	.069	13	1	.135	.070	.777	1.081

Table 7. Final [k] - Binary Probability.

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
2	44.5	U	.111	.187	.105	1	0	.205	.084	-.111	.333
6	47.0	U	.222	.251	.139	2	0	.271	.075	-.059	.503
8	50.0	U	.333	.329	.157	3	0	.308	.070	.017	.649
1	51.0	U	.444	.355	.166	4	0	.324	.060	.114	.774
11	57.0	U	.556	.510	.166	5	0	.324	.052	.228	.884
21	62.0	U	.667	.639	.157	6	0	.308	.060	.353	.981
22	70.0	U	.778	.846	.139	7	0	.272	.090	.492	1.064
14	71.5	U	.889	.884	.105	8	0	.205	.097	.662	1.116
24	78.0	U	1.000	1.052	.000	9	0	.000	.128	.872	1.128

Table 8. Final [n] - Binary Probability.

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
2	38.0	U	.200	.182	.179	1	0	.351	.499	-.410	.810
1	44.0	U	.400	.649	.219	2	0	.429	.499	-.258	1.058
4	45.0	U	.800	.685	.179	3	0	.351	.536	-.159	1.441
5	45.0	U	.800	.685	.179	4	0	.351	.536	-.159	1.441
13	51.0	U	1.000	1.151	.000	5	0	1.000	1.509	-.810	1.810

Table 9. Final [t] - Binary Probability.

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
1	38.0	U	.286	.294	.171	1	0	.335	.096	.062	.634
2	38.0	U	.286	.294	.171	2	0	.335	.096	.062	.634
3	41.0	U	.429	.475	.187	3	0	.367	.066	.056	.802
4	45.0	U	.714	.655	.171	4	0	.334	.070	.373	1.055
5	45.0	U	.714	.655	.171	5	0	.334	.070	.373	1.055
8	50.0	U	.857	.915	.132	6	0	.259	.121	.571	1.143
13	51.5	U	1.000	.990	.000	7	0	.000	.141	.859	1.141

Table 10. Final [s] - Binary Probability.

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
1	57.0	U	.167	.221	.088	1	0	.173	.063	.33	.402
2	57.0	U	.167	.221	.088	2	0	.173	.063	.33	.402
11	57.0	U	.167	.221	.088	3	0	.173	.063	.33	.402
19	57.5	U	.222	.240	.098	4	0	.192	.060	.075	.477
5	58.5	U	.278	.276	.106	5	0	.207	.054	.108	.546
3	61.0	U	.389	.369	.115	6	0	.225	.047	.213	.673
17	61.0	U	.389	.369	.115	7	0	.225	.047	.213	.673
16	61.5	U	.444	.387	.117	8	0	.229	.048	.264	.732
9	63.5	U	.556	.462	.117	9	0	.230	.057	.373	.847
23	63.5	U	.556	.462	.117	10	0	.230	.057	.373	.847
8	66.0	C	.556	.462	.117	10	1	.230	.057	.373	.847
12	67.0	C	.556	.462	.117	10	2	.230	.057	.373	.847
13	67.0	C	.556	.462	.117	10	3	.230	.057	.373	.847
4	71.0	C	.556	.462	.117	10	4	.230	.057	.373	.847
24	72.0	U	.667	.776	.130	11	4	.256	.132	.433	1.009
18	72.0	C	.667	.776	.130	11	5	.256	.132	.433	1.009
14	75.0	C	.667	.776	.130	11	6	.256	.132	.433	1.009
22	76.5	U	1.000	.943	.000	12	6	.000	.179	.764	1.122

Table 11. Final [z] - Binary Probability.

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
1	51.0	U	.059	.056	.057	1	0	.112	.074	-.072	.190
5	55.0	U	.118	.194	.078	2	0	.154	.052	.032	.356
2	57.0	U	.235	.263	.103	3	0	.201	.043	.058	.468
11	57.0	U	.235	.263	.103	4	0	.201	.043	.058	.468
19	57.5	U	.294	.280	.111	5	0	.216	.042	.060	.500
3	61.0	U	.412	.400	.119	6	0	.234	.038	.163	.637
17	61.0	U	.412	.400	.119	7	0	.234	.038	.163	.637
16	61.5	U	.471	.418	.121	8	0	.238	.039	.177	.659
9	63.5	U	.529	.487	.121	9	0	.237	.045	.246	.728
13	64.0	U	.588	.504	.119	10	0	.234	.047	.265	.743
8	66.0	C	.588	.504	.119	10	1	.234	.047	.265	.743
12	67.0	C	.588	.504	.119	10	2	.234	.047	.265	.743
4	71.0	C	.588	.504	.119	10	3	.234	.047	.265	.743
24	72.0	U	.691	.780	.126	11	3	.247	.093	.516	1.044
18	72.0	C	.691	.780	.126	11	4	.247	.093	.516	1.044
14	75.0	C	.691	.780	.126	11	5	.247	.093	.516	1.044
22	76.5	U	1.000	—	.000	12	5	.000	.123	—	—

Table 12. Initial [d] - Binary Probability.

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
3	41.5	U	.167	.168	.152	1	0	.299	.031	-.133	.467
4	45.0	U	.500	.496	.204	2	0	.400	.039	.098	.902
5	45.0	U	.500	.496	.204	3	0	.400	.039	.098	.902
6	47.0	U	.667	.683	.192	4	0	.378	.020	.288	1.046
7	48.5	U	.833	.824	.152	5	0	.298	.027	.534	1.132
13	61.0	U	1.000	.997	.000	6	0	.000	.108	.892	1.108

Table 13. Initial [f] - Binary Probability.

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
3	41.5	U	.077	.060	.074	1	0	.145	.087	-.092	.246
8	50.0	U	.154	.261	.100	2	0	.196	.053	-.049	.357
1	51.0	U	.308	.284	.128	3	0	.251	.051	-.052	.564
2	51.0	U	.308	.284	.128	4	0	.251	.051	-.052	.564
9	56.5	U	.385	.415	.135	5	0	.265	.043	.117	.653
11	57.0	U	.462	.427	.138	6	0	.271	.044	.188	.736
16	61.5	U	.538	.533	.138	7	0	.271	.053	.262	.814
21	62.0	U	.615	.545	.135	8	0	.264	.054	.346	.884
5	68.0	C	.615	.545	.135	8	1	.264	.054	.346	.884
4	71.0	C	.615	.545	.135	8	2	.264	.054	.346	.884
24	72.0	U	.744	.782	.138	9	2	.271	.095	.457	1.031
22	76.5	U	1.000	.889	.000	10	2	.000	.117	.883	1.117
23	76.5	U	1.000	.889	.000	11	2	.000	.117	.883	1.117

Table 14. Initial [g] - Binary Probability.

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
8	50.0	U	.111	.001	.105	1	0	.205	.233	-.199	.421
10	62.0	U	.333	.422	.157	2	0	.308	.104	.008	.658
18	62.0	U	.333	.422	.157	3	0	.308	.104	.008	.658
14	65.0	U	.444	.528	.166	4	0	.324	.095	.106	.782
21	69.0	U	.556	.668	.166	5	0	.325	.111	.213	.899
22	70.0	U	.778	.703	.139	6	0	.272	.119	.481	1.075
23	70.0	U	.778	.703	.139	7	0	.272	.119	.481	1.075
24	72.0	U	.889	.773	.105	8	0	.205	.138	.642	1.136
20	84.0	C	.889	.773	.105	8	1	.205	.138	.642	1.136

Table 15. Initial [k] - Binary Probability.

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
6	47.0	U	.062	.161	.061	1	0	.118	.062	-.071	.195
7	48.5	U	.125	.211	.083	2	0	.162	.057	-.047	.297
8	50.0	U	.186	.261	.098	3	0	.192	.051	-.013	.385
1	51.0	U	.312	.294	.116	4	0	.227	.048	.080	.544
2	51.0	U	.312	.294	.116	5	0	.227	.048	.080	.544
5	52.0	U	.438	.327	.124	6	0	.244	.045	.190	.686
12	52.0	U	.438	.327	.124	7	0	.244	.045	.190	.686
11	57.0	U	.500	.493	.125	8	0	.245	.037	.252	.748
10	62.0	U	.688	.659	.116	9	0	.228	.042	.456	.920
18	62.0	U	.688	.659	.116	10	0	.228	.042	.456	.920
21	62.0	U	.688	.659	.116	11	0	.228	.042	.456	.920
14	65.0	U	.750	.759	.108	12	0	.212	.049	.532	.968
4	66.5	U	.812	.792	.098	13	0	.191	.053	.614	1.010
22	70.0	U	.875	.925	.083	14	0	.162	.067	.700	1.050
24	72.0	U	.938	.991	.061	15	0	.119	.075	.797	1.079
20	80.5	U	1.000	1.274	0.000	16	0	0.000	.110	.890	1.110

Table 16. Initial [p] - Binary Probability.

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
3	41.5	U	.111	.187	.105	1	0	.205	.178	-.160	.382
6	47.0	U	.222	.326	.139	2	0	.271	.126	-.077	.521
1	51.0	U	.444	.426	.166	3	0	.324	.106	.103	.785
2	51.0	U	.444	.426	.166	4	0	.324	.106	.103	.785
5	52.0	U	.556	.451	.166	5	0	.325	.105	.214	.898
17	55.0	U	.667	.527	.157	6	0	.308	.110	.340	.994
7	69.0	U	.778	.878	.139	7	0	.272	.245	.412	1.144
4	71.0	C	.778	.878	.139	7	1	.272	.245	.412	1.144
22	76.5	U	1.000	1.067	.000	8	1	.000	.337	.673	1.337

Table 17. Initial [t] - Binary Probability.

Case	Age	Status	F(t)	Fit	S(t) SE	Cum Events	Cum Censor	+/ KM	+/ Regr	95% Lower	95% Upper
*	0.0	-	.000	.000	.000	0	0	.000	.000	.000	.000
1	51.0	U	.222	.236	.139	1	0	.271	.089	-.049	.521
2	51.0	U	.222	.236	.139	2	0	.271	.089	-.049	.521
15	54.0	U	.333	.430	.157	3	0	.308	.059	.033	.651
7	55.0	U	.556	.495	.166	4	0	.325	.056	.240	.900
18	55.0	U	.556	.495	.166	5	0	.325	.056	.240	.900
13	57.5	U	.667	.658	.157	6	0	.308	.063	.367	.995
5	58.5	U	.778	.723	.139	7	0	.272	.072	.511	1.073
21	62.0	U	.889	.950	.105	8	0	.205	.115	.668	1.173
23	63.5	U	1.000	1.047	.000	9	0	.000	.137	.877	1.151