

TABLE D-17. Maximum likelihood estimates for full-professor rank, hazard model 1

Variable	Coefficient	Standard error	z=b/se	P[Z >z	Mean of x	Variable	Coefficient	Standard error	z=b/se	P[Z >z	Mean of x
FEMALE	-2.91647E-01	9.15540E-02	-3.186	0.0014	3.00601E-01	MCITPHD	3.36589E-01	3.70217E-01	0.909	0.3633	2.00401E+06
DEP66	6.39114E-02	6.29420E-02	1.015	0.3099	2.69739E-01	HISPAN	1.51064E-01	1.68026E-01	0.899	0.3686	4.84970E+06
DEP186	6.98758E-02	4.03710E-02	1.731	0.0835	7.00601E-01	BLACK	-3.24577E-01	1.63254E-01	-1.988	0.0468	6.33267E+06
MDEP6	-5.52596E-02	1.91370E-01	-0.289	0.7728	3.88778E+06	ASIAN	5.58244E-02	1.47346E-01	0.379	0.7048	9.73948E+06
MAR6	1.01133E-01	1.00524E-01	1.006	0.3144	6.26052E-01	NATAMER	2.38403E-01	4.53426E-01	0.526	0.5990	5.21042E+05
TA	-6.59604E-02	1.15498E-01	-0.571	0.5679	1.78357E-01	BIO	-5.11920E-01	1.59225E-01	-3.215	0.0013	3.32665E-01
RA	-2.03950E-03	1.08427E-01	-0.019	0.9850	2.53307E-01	HEALTH	-4.47016E-02	1.79861E-01	-0.249	0.8037	7.65531E+06
FELLOW	2.46947E-02	1.98425E-01	0.124	0.9010	4.28858E+06	CHEMENG	1.00410E+00	3.01673E-01	3.328	0.0009	8.01603E+05
TRAIN	1.96760E-02	1.25951E-01	0.156	0.8759	1.72745E-01	ELECENG	-4.71447E-02	2.51231E-01	-0.188	0.8511	2.12425E+06
MPSOURC	1.16626E-01	1.56593E-01	0.745	0.4564	9.69940E+06	OTHENG	2.01820E-02	1.85076E-01	0.109	0.9132	5.77154E+06
TTD1	1.82341E-02	2.29604E-02	0.794	0.4271	8.60040E+00	COMP	-5.91202E-01	3.76652E-01	-1.570	0.1165	1.08216E+06
MTTD1	1.87462E-01	7.64349E-01	0.245	0.8063	2.24449E+06	MATH	-1.10637E-01	1.90939E-01	-0.579	0.5623	5.65130E+06
PDOCP	-5.40578E-01	1.00976E-01	-5.354	0.0000	4.25251E-01	PHYSICS	-4.33039E-01	2.17994E-01	-1.986	0.0470	5.17034E+06
MPDOCP	-5.54563E-01	2.78871E-01	-1.989	0.0467	4.04810E+06	CHEM	-1.16818E-01	2.25351E-01	-0.518	0.6042	4.56914E+06
FSWI	4.63546E-02	8.32408E-02	0.557	0.5776	3.46293E-01	EAOSCI	-1.89162E-01	2.10268E-01	-0.900	0.3683	3.68737E+06
MFSWI	-3.01690E-01	9.64035E-02	-3.129	0.0018	3.50701E-01	OPSCI	8.69290E-01	6.02202E-01	1.444	0.1489	1.20240E+05
BAINT	-1.14219E-01	2.35061E-01	-0.486	0.6270	9.01804E+06	PSYCH	-4.96654E-01	1.83393E-01	-2.708	0.0068	8.85772E+06
MBAINT	-9.92510E-02	6.46353E-01	-0.154	0.8780	1.80361E+06	ECON	-1.75073E-02	2.00991E-01	-0.087	0.9306	3.80762E+06
AGEPHD	-1.30682E-02	2.07801E-02	-0.629	0.5294	3.06160E+01	POLYSCI	-1.29917E-01	2.43720E-01	-0.533	0.5940	2.52505E+06
NATUPHD	-5.53404E-01	2.36792E-01	-2.337	0.0194	3.88778E+06	SAD	-3.16708E-01	1.87050E-01	-1.693	0.0904	6.77355E+06
PERMPHD	-7.51902E-02	2.55370E-01	-0.294	0.7684	3.80762E+06	OSSCI	-5.41869E-02	2.43983E-01	-0.222	0.8242	2.04409E+06
TEMPPHD	3.19745E-01	2.48813E-01	1.285	0.1988	6.49299E+06	PHD70S	-7.92723E-02	1.05020E-01	-0.755	0.4504	1.18637E-01

NOTES: Dependent variable: YRSFULL; 2495 observations; 7 iterations; log likelihood function = -5574.609; restricted log likelihood = -5686.806; Chi-squared = 224.3925; d.f. = 44; significance = .0000000. Log-rank test with 44 degrees of freedom: Chi-squared = 241.731, Prob = .0000.