

TABLE D-19. Maximum likelihood estimates for full-professor rank, hazard model 3

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	-2.90030E-01	9.16503E-02	-3.165	0.0016	3.00601E-01	HISPAN	8.47557E-02	1.68517E-01	0.503	0.6150	4.84970E+06
DEP66	3.97859E-02	6.26994E-02	0.635	0.5257	2.69739E-01	BLACK	-3.57858E-01	1.64375E-01	-2.177	0.0295	6.33267E+06
DEP186	4.81554E-02	4.04121E-02	1.192	0.2334	7.00601E-01	ASIAN	4.38903E-02	1.49340E-01	0.294	0.7688	9.73948E+06
MDEP6	-1.75049E-01	1.97032E-01	-0.888	0.3743	3.88778E+06	NATAMER	1.57294E-01	4.54100E-01	0.346	0.7291	5.21042E+05
MAR6	1.20799E-01	1.00816E-01	1.198	0.2308	6.26052E-01	PRANKNA	-5.45833E-02	7.73663E-03	-7.055	0.0000	6.15836E+00
TA	-8.74555E-02	1.15685E-01	-0.756	0.4497	1.78357E-01	PMFULL	1.76936E-03	1.71774E-03	1.030	0.3030	2.45000E+01
RA	-2.65245E-02	1.08457E-01	-0.245	0.8068	2.53307E-01	BIO	-4.85564E-01	1.58851E-01	-3.057	0.0022	3.32665E-01
FELLOW	-3.30134E-02	1.98773E-01	-0.166	0.8681	4.28858E+06	HEALTH	-7.63251E-02	1.80610E-01	-0.423	0.6726	7.65531E+06
TRAIN	-7.23610E-03	1.26027E-01	-0.057	0.9542	1.72745E-01	CHEMENG	1.03300E+00	3.01661E-01	3.424	0.0006	8.01603E+05
MPSOURC	7.89840E-02	1.57019E-01	0.503	0.6149	9.69940E+06	ELECENG	2.28346E-02	2.53596E-01	0.090	0.9283	2.12425E+06
TTD1	1.73640E-02	2.25293E-02	0.771	0.4409	8.60040E+00	OTHENG	5.99849E-02	1.85847E-01	0.323	0.7469	5.77154E+06
MTTD1	3.80207E-01	7.65476E-01	0.497	0.6194	2.24449E+06	COMP	-6.39426E-01	3.77198E-01	-1.695	0.0900	1.08216E+06
PDOCP	-4.86335E-01	1.00342E-01	-4.847	0.0000	4.25251E-01	MATH	-1.71745E-01	1.92083E-01	-0.894	0.3713	5.65130E+06
MPDOCP	-4.62104E-01	2.78332E-01	-1.660	0.0969	4.04810E+06	PHYSICS	-2.08280E-01	2.19497E-01	-0.949	0.3427	5.17034E+06
FSWI	1.81389E-02	8.36611E-02	0.217	0.8284	3.46293E-01	CHEM	-5.68222E-02	2.26429E-01	-0.251	0.8019	4.56914E+06
MFSWI	-2.65764E-01	9.71166E-02	-2.737	0.0062	3.50701E-01	EAOSCI	-2.86248E-02	2.11629E-01	-0.135	0.8924	3.68737E+06
BAINT	-9.86312E-02	2.31607E-01	-0.426	0.6702	9.01804E+06	OPSCI	7.88920E-01	6.02759E-01	1.309	0.1906	1.20240E+05
MBAINT	-1.04764E-01	6.49668E-01	-0.161	0.8719	1.80361E+06	PSYCH	-4.69479E-01	1.83780E-01	-2.555	0.0106	8.85772E+06
AGEPHD	-5.17854E-03	2.03492E-02	-0.254	0.7991	3.06160E+01	ECON	1.03812E-02	2.01484E-01	0.052	0.9589	3.80762E+06
NATUPHD	-5.56331E-01	2.37661E-01	-2.341	0.0192	3.88778E+06	POLYSCI	-1.68834E-01	2.44094E-01	-0.692	0.4891	2.52505E+06
PERMPHD	-1.16765E-01	2.55455E-01	-0.457	0.6476	3.80762E+06	SAD	-3.38302E-01	1.87349E-01	-1.806	0.0710	6.77355E+06
TEMPPHD	3.04038E-01	2.45284E-01	1.240	0.2151	6.49299E+06	OSSCI	-1.52369E-01	2.45155E-01	-0.622	0.5343	2.04409E+06
MCITPHD	2.48520E-01	3.66187E-01	0.679	0.4973	2.00401E+06	PHD70S	-2.30888E-02	1.04694E-01	-0.221	0.8255	1.18637E-01

NOTES: Dependent variable: YRSFULL; 2495 observations; 8 iterations; log likelihood function = -5508.145; restricted log likelihood = -5686.806; Chi-squared = 357.3212; d.f. = 46; significance = .0000000. Log-rank test with 46 degrees of freedom: Chi-squared = 311.375, Prob = .0000.