

TABLE D-18. Maximum likelihood estimates for full-professor rank, hazard model 2

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	-3.14598E-01	9.40552E-02	-3.345	0.0008	3.00601E-01	NATAMER	5.04218E-01	4.57758E-01	1.101	0.2707	5.21042E+05
DEP66	6.89205E-02	6.47455E-02	1.064	0.2871	2.69739E-01	PNACAFF	-3.23800E-02	2.23685E-03	-14.476	0.0000	2.01484E+01
DEP186	2.62883E-02	4.09341E-02	0.642	0.5207	7.00601E-01	PMCRGF	-5.54270E-02	3.34247E-03	-16.583	0.0000	3.76460E+01
MDEP6	-1.91800E-01	1.98040E-01	-0.968	0.3328	3.88778E+06	PEMPRSF	-3.48197E-03	1.04210E-03	-3.341	0.0008	4.06703E+01
MAR6	1.06586E-02	1.01795E-01	0.105	0.9166	6.26052E-01	PEMPDOF	-4.30518E-03	1.53407E-03	-2.806	0.0050	9.26544E+00
TA	-4.06624E-02	1.16479E-01	-0.349	0.7270	1.78357E-01	PMWACF	4.87980E-02	3.21924E-03	15.158	0.0000	2.52032E+01
RA	2.08111E-02	1.09316E-01	0.190	0.8490	2.53307E-01	PTEACHF	-2.11009E-03	1.51967E-03	-1.389	0.1650	3.63611E+01
FELLOW	2.16496E-01	2.01808E-01	1.073	0.2834	4.28858E+06	PRESCHF	3.15695E-04	1.55111E-03	0.204	0.8387	4.88544E+01
TRAIN	4.75468E-02	1.25554E-01	0.379	0.7049	1.72745E-01	BIO	-4.08702E-01	1.60526E-01	-2.546	0.0109	3.32665E-01
MPSOURC	4.52041E-02	1.56802E-01	0.288	0.7731	9.69940E+06	HEALTH	2.89128E-02	1.81905E-01	0.159	0.8737	7.65531E+06
TTD1	6.71281E-03	2.25336E-02	0.298	0.7658	8.60040E+00	CHEMENG	1.02867E+00	3.02152E-01	3.404	0.0007	8.01603E+05
MTTD1	8.54179E-01	7.63929E-01	1.118	0.2635	2.24449E+06	ELECENG	1.80130E-01	2.57445E-01	0.700	0.4841	2.12425E+06
PDOCP	-2.97151E-01	1.03561E-01	-2.869	0.0041	4.25251E-01	OTHENG	1.08035E-01	1.86217E-01	0.580	0.5618	5.77154E+06
MPDOCP	-2.14369E-01	2.71913E-01	-0.788	0.4305	4.04810E+06	COMP	-6.70354E-01	3.79074E-01	-1.768	0.0770	1.08216E+06
FSWI	1.43727E-01	8.39596E-02	1.712	0.0869	3.46293E-01	MATH	-1.74587E-01	1.96561E-01	-0.888	0.3744	5.65130E+06
MFSWI	-2.58461E-01	9.57705E-02	-2.699	0.0070	3.50701E-01	PHYSICS	-2.73476E-02	2.21509E-01	-0.123	0.9017	5.17034E+06
BAINT	-1.75706E-02	2.32072E-01	-0.076	0.9396	9.01804E+06	CHEM	-3.28244E-02	2.28974E-01	-0.143	0.8860	4.56914E+06
MBAINT	-4.43652E-01	6.51878E-01	-0.681	0.4961	1.80361E+06	EAOSCI	-1.33650E-01	2.12878E-01	-0.628	0.5301	3.68737E+06
AGEPHD	1.36137E-03	2.00888E-02	0.068	0.9460	3.06160E+01	OPSCI	1.38445E+00	6.11910E-01	2.263	0.0237	1.20240E+05
NATUPHD	-5.04468E-01	2.39020E-01	-2.111	0.0348	3.88778E+06	PSYCH	-3.50583E-01	1.87947E-01	-1.865	0.0621	8.85772E+06
PERMPHD	-6.73732E-02	2.45994E-01	-0.274	0.7842	3.80762E+06	ECON	4.68710E-02	2.07190E-01	0.226	0.8210	3.80762E+06
TEMPPHD	2.14460E-01	2.48121E-01	0.864	0.3874	6.49299E+06	POLYSCI	-1.09806E-01	2.48387E-01	-0.442	0.6584	2.52505E+06
MCITPHD	1.69833E-01	3.65195E-01	0.465	0.6419	2.00401E+06	SAD	-3.17592E-01	1.94141E-01	-1.636	0.1019	6.77355E+06
HISPAN	7.06908E-02	1.70797E-01	0.414	0.6790	4.84970E+06	OSSCI	-2.71716E-02	2.49471E-01	-0.109	0.9133	2.04409E+06
BLACK	-3.86079E-01	1.65331E-01	-2.335	0.0195	6.33267E+06	PHD70S	-2.49934E-01	1.04724E-01	-2.387	0.0170	1.18637E-01
ASIAN	1.30848E-01	1.50512E-01	0.869	0.3847	9.73948E+06						

NOTES: Dependent variable: YRSFULL; 2495 observations; 7 iterations; log likelihood function = -5398.742; restricted log likelihood = -5686.806; Chi-squared = 576.1268; d.f. = 51; significance = .000000. Log-rank test with 51 degrees of freedom: Chi-squared = 536.080, Prob = .0000.