

TABLE D-23. Maximum likelihood estimates for full-professor rank, hazard model I-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	5.61679E-02	1.45990E-01	0.385	0.7004	3.00601E-01	MCITPHD	2.36521E-01	3.69691E-01	0.640	0.5223	2.00401E+06
FDEP66	-1.77309E-01	1.67469E-01	-1.059	0.2897	6.41283E+06	HISPAN	1.02931E-01	1.68735E-01	0.610	0.5419	4.84970E+06
FDEP186	-4.28722E-01	1.24227E-01	-3.451	0.0006	1.45491E-01	BLACK	-3.48792E-01	1.64160E-01	-2.125	0.0336	6.33267E+06
FMAR6	-9.73134E-02	2.03187E-01	-0.479	0.6320	1.52705E-01	ASIAN	2.18174E-02	1.49740E-01	0.146	0.8842	9.73948E+06
DEP66	6.54611E-02	6.77150E-02	0.967	0.3337	2.69739E-01	NATAMER	1.15337E-01	4.54467E-01	0.254	0.7997	5.21042E+05
DEP186	9.56487E-02	4.31517E-02	2.217	0.0267	7.00601E-01	PRANKNA	-5.45957E-02	7.74001E-03	-7.054	0.0000	6.15836E+00
MDEP6	-1.70110E-01	1.97343E-01	-0.862	0.3887	3.88778E+06	PMFULL	1.77603E-03	1.71914E-03	1.033	0.3016	2.45000E+01
MAR6	1.86498E-01	1.23161E-01	1.514	0.1300	6.26052E-01	BIO	-4.70134E-01	1.58782E-01	-2.961	0.0031	3.32665E-01
TA	-1.03017E-01	1.15810E-01	-0.890	0.3737	1.78357E-01	HEALTH	-7.47841E-02	1.81026E-01	-0.413	0.6795	7.65531E+06
RA	-3.71318E-02	1.08534E-01	-0.342	0.7323	2.53307E-01	CHEMENG	1.04608E+00	3.02150E-01	3.462	0.0005	8.01603E+05
FELLOW	-4.65767E-02	1.99164E-01	-0.234	0.8151	4.28858E+06	ELECENG	3.18255E-02	2.53914E-01	0.125	0.9003	2.12425E+06
TRAIN	-2.20197E-02	1.26129E-01	-0.175	0.8614	1.72745E-01	OTHENG	8.51708E-02	1.85944E-01	0.458	0.6469	5.77154E+06
MPSOURC	6.01774E-02	1.57155E-01	0.383	0.7018	9.69940E+06	COMP	-5.71457E-01	3.78012E-01	-1.512	0.1306	1.08216E+06
TTD1	2.36377E-02	2.25380E-02	1.049	0.2943	8.60040E+00	MATH	-1.72646E-01	1.92404E-01	-0.897	0.3696	5.65130E+06
MTTD1	2.45074E-01	7.67846E-01	0.319	0.7496	2.24449E+06	PHYSICS	-2.09410E-01	2.19438E-01	-0.954	0.3399	5.17034E+06
PDOCP	-4.88684E-01	1.00190E-01	-4.878	0.0000	4.25251E-01	CHEM	-4.12450E-02	2.26630E-01	-0.182	0.8556	4.56914E+06
MPDOCP	-4.30245E-01	2.79667E-01	-1.538	0.1239	4.04810E+06	EAOSCI	-1.63057E-02	2.11551E-01	-0.077	0.9386	3.68737E+06
FSWI	1.32178E-02	8.36228E-02	0.158	0.8744	3.46293E-01	OPSCI	7.94978E-01	6.02829E-01	1.319	0.1873	1.20240E+05
MFSWI	-2.68529E-01	9.72114E-02	-2.762	0.0057	3.50701E-01	PSYCH	-4.33552E-01	1.83908E-01	-2.357	0.0184	8.85772E+06
BAINT	-1.18517E-01	2.32858E-01	-0.509	0.6108	9.01804E+06	ECON	5.26369E-02	2.01849E-01	0.261	0.7943	3.80762E+06
MBAINT	-1.65775E-01	6.49804E-01	-0.255	0.7986	1.80361E+06	POLYSCI	-1.90632E-01	2.44350E-01	-0.780	0.4353	2.52505E+06
AGEPHD	-1.35811E-02	2.04631E-02	-0.664	0.5069	3.06160E+01	SAD	-3.49367E-01	1.87967E-01	-1.859	0.0631	6.77355E+06
NATUPHD	-5.43337E-01	2.38070E-01	-2.282	0.0225	3.88778E+06	OSSCI	-1.65038E-01	2.45856E-01	-0.671	0.5020	2.04409E+06
PERMPHD	-8.16888E-02	2.56842E-01	-0.318	0.7504	3.80762E+06	PHD70S	-1.94837E-02	1.04762E-01	-0.186	0.8525	1.18637E-01
TEMPPHD	3.22148E-01	2.46303E-01	1.308	0.1909	6.49299E+06						

NOTES: Dependent variable: YRSFULL; 2495 observations; 8 iterations; log likelihood function = -5498.315; restricted log likelihood = -5686.806; Chi-squared = 376.9814; d.f. = 49; significance = .000000. Log-rank test with 49 degrees of freedom: Chi-squared = 330.866, Prob = .0000.