

TABLE D-22. Maximum likelihood estimates for full-professor rank, hazard model I-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	-1.36574E-01	1.47551E-01	-0.926	0.3547	3.00601E-01	BLACK	-3.64887E-01	1.65237E-01	-2.208	0.0272	6.33267E+06
FDEP66	-1.32271E-01	1.73078E-01	-0.764	0.4447	6.41283E+06	ASIAN	1.07929E-01	1.50669E-01	0.716	0.4738	9.73948E+06
FDEP186	-3.50738E-01	1.20846E-01	-2.902	0.0037	1.45491E-01	NATAMER	4.66845E-01	4.58821E-01	1.017	0.3089	5.21042E+05
FMAR6	6.20336E-02	2.03349E-01	0.305	0.7603	1.52705E-01	PNACAFF	-3.14658E-02	2.24717E-03	-14.002	0.0000	2.01484E+01
DEP66	9.37955E-02	6.97602E-02	1.345	0.1788	2.69739E-01	PMCRGF	-5.52196E-02	3.34929E-03	-16.487	0.0000	3.76460E+01
DEP186	7.31436E-02	4.42861E-02	1.652	0.0986	7.00601E-01	PEMPSRF	-3.57136E-03	1.04380E-03	-3.422	0.0006	4.06703E+01
MDEP6	-1.93853E-01	1.98040E-01	-0.979	0.3277	3.88778E+06	PEMPDOF	-4.25239E-03	1.53426E-03	-2.772	0.0056	9.26544E+00
MAR6	9.84845E-03	1.23966E-01	0.079	0.9367	6.26052E-01	PMWACF	4.86377E-02	3.23107E-03	15.053	0.0000	2.52032E+01
TA	-4.37485E-02	1.16692E-01	-0.375	0.7077	1.78357E-01	PTEACHF	-1.93203E-03	1.52253E-03	-1.269	0.2045	3.63611E+01
RA	2.71686E-02	1.09397E-01	0.248	0.8039	2.53307E-01	PRESCHF	4.86685E-04	1.55836E-03	0.312	0.7548	4.88544E+01
FELLOW	2.35975E-01	2.02550E-01	1.165	0.2440	4.28858E+06	BIO	-4.12081E-01	1.60945E-01	-2.560	0.0105	3.32665E-01
TRAIN	4.97133E-02	1.25543E-01	0.396	0.6921	1.72745E-01	HEALTH	2.90339E-02	1.82577E-01	0.159	0.8737	7.65531E+06
MPSOURC	4.97184E-02	1.56853E-01	0.317	0.7513	9.69940E+06	CHEMENG	1.02950E+00	3.02650E-01	3.402	0.0007	8.01603E+05
TTD1	9.63756E-03	2.23811E-02	0.431	0.6668	8.60040E+00	ELECENG	1.70853E-01	2.58050E-01	0.662	0.5079	2.12425E+06
MTTD1	8.41174E-01	7.64541E-01	1.100	0.2712	2.24449E+06	OTHENG	9.98719E-02	1.86430E-01	0.536	0.5922	5.77154E+06
PDOCP	-3.06033E-01	1.03450E-01	-2.958	0.0031	4.25251E-01	COMP	-6.11026E-01	3.80618E-01	-1.605	0.1084	1.08216E+06
MPDOCP	-2.19263E-01	2.72409E-01	-0.805	0.4209	4.04810E+06	MATH	-1.72666E-01	1.97558E-01	-0.874	0.3821	5.65130E+06
FSWI	1.37248E-01	8.39640E-02	1.635	0.1021	3.46293E-01	PHYSICS	-3.01334E-02	2.21655E-01	-0.136	0.8919	5.17034E+06
MFSWI	-2.60029E-01	9.59243E-02	-2.711	0.0067	3.50701E-01	CHEM	-4.01643E-02	2.29367E-01	-0.175	0.8610	4.56914E+06
BAINT	-6.85485E-03	2.33336E-01	-0.029	0.9766	9.01804E+06	EAOSCI	-1.37343E-01	2.13141E-01	-0.644	0.5193	3.68737E+06
MBAINT	-5.35736E-01	6.53758E-01	-0.819	0.4125	1.80361E+06	OPSCI	1.42182E+00	6.12134E-01	2.323	0.0202	1.20240E+05
AGEPHD	-2.83772E-03	2.00247E-02	-0.142	0.8873	3.06160E+01	PSYCH	-3.26946E-01	1.88143E-01	-1.738	0.0823	8.85772E+06
NATUPHD	-4.89447E-01	2.39206E-01	-2.046	0.0407	3.88778E+06	ECON	5.25258E-02	2.07501E-01	0.253	0.8002	3.80762E+06
PERMPHD	-4.69047E-02	2.46277E-01	-0.190	0.8490	3.80762E+06	POLYSCI	-1.28475E-01	2.48716E-01	-0.517	0.6055	2.52505E+06
TEMPPHD	2.11382E-01	2.48984E-01	0.849	0.3959	6.49299E+06	SAD	-3.29764E-01	1.94622E-01	-1.694	0.0902	6.77355E+06
MCITPHD	1.71372E-01	3.67154E-01	0.467	0.6407	2.00401E+06	OSSCI	-5.71139E-02	2.50526E-01	-0.228	0.8197	2.04409E+06
HISPAN	7.89974E-02	1.71426E-01	0.461	0.6449	4.84970E+06	PHD70S	-2.53691E-01	1.04797E-01	-2.421	0.0155	1.18637E-01

NOTES: Dependent variable: YRSFULL; 2495 observations; 7 iterations; log likelihood function = -5393.415; restricted log likelihood = -5686.806; Chi-squared = 586.7801; d.f. = 54; significance = .000000. Log-rank test with 54 degrees of freedom: Chi-squared = 550.971, Prob = .0000.