

TABLE D-10. Maximum likelihood estimates for associate-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	-1.64590E-01	4.49672E-02	-3.660	0.0003	3.31197E-01	ASIAN	-7.56942E-02	7.31822E-02	-1.034	0.3010	1.15174E-01
DEP63	-1.02542E-02	3.04297E-02	-0.337	0.7361	4.36381E-01	NATAMER	-1.09712E-01	2.11709E-01	-0.518	0.6043	8.10556E+05
DEP183	2.56790E-02	2.63330E-02	0.975	0.3295	3.76249E-01	PNACAFA	-2.12447E-02	8.83091E-04	-24.057	0.0000	2.06880E+01
MDEP3	-2.80519E-01	5.89952E-02	-4.755	0.0000	2.07540E-01	PMCARGA	-2.92386E-02	1.24551E-03	-23.475	0.0000	4.26743E+01
MAR3	1.68310E-01	5.26502E-02	3.197	0.0014	5.97549E-01	PEMPRSA	-4.53432E-03	5.17327E-04	-8.765	0.0000	3.87165E+01
TA	2.29155E-04	5.89787E-02	0.004	0.9969	1.66447E-01	PEMPDOA	-3.16836E-03	7.42380E-04	-4.268	0.0000	8.40889E+00
RA	4.45892E-02	5.58624E-02	0.798	0.4248	2.58812E-01	PMWAA	2.40920E-02	1.22863E-03	19.609	0.0000	2.72773E+01
FELLOW	9.89237E-02	1.01592E-01	0.974	0.3302	3.92083E+06	PTEACHA	5.25887E-04	6.45978E-04	0.814	0.4156	3.24328E+01
TRAIN	2.13167E-02	6.45254E-02	0.330	0.7411	1.44769E-01	PRESCHA	-1.57077E-04	6.90428E-04	-0.228	0.8200	4.84227E+01
MPSOURC	3.54290E-02	7.41027E-02	0.478	0.6326	1.22337E-01	BIO	-3.82015E-01	9.27369E-02	-4.119	0.0000	3.06880E-01
TTD1	-9.29645E-03	9.68598E-03	-0.960	0.3372	9.06956E+00	HEALTH	1.13264E-01	1.02834E-01	1.101	0.2707	7.78511E+06
MTTD1	2.14762E-01	3.59310E-01	0.598	0.5500	2.63902E+06	CHEMENG	6.68258E-01	1.61017E-01	4.150	0.0000	1.35721E+06
PDOCP	-3.16667E-01	5.09675E-02	-6.213	0.0000	4.27144E-01	ELECENG	3.16205E-01	1.24580E-01	2.538	0.0111	3.03487E+06
MPDOCP	-4.68821E-01	1.35034E-01	-3.472	0.0005	4.56173E+06	OTHENG	2.16475E-01	9.72602E-02	2.226	0.0260	9.74552E+06
FSWI	3.15458E-03	4.27787E-02	0.074	0.9412	3.77568E-01	COMP	5.00549E-01	1.38168E-01	3.623	0.0003	1.97926E+06
MFSWI	-5.43441E-03	4.75451E-02	-0.114	0.9090	3.47220E-01	MATH	6.51974E-02	1.12177E-01	0.581	0.5611	4.80679E+06
BAINT	-6.28775E-03	1.02827E-01	-0.061	0.9512	1.09896E-01	PHYSICS	-2.03713E-01	1.20687E-01	-1.688	0.0914	5.18379E+06
MBAINT	1.55694E-01	3.16999E-01	0.491	0.6233	2.18662E+06	CHEM	-2.09880E-01	1.24062E-01	-1.692	0.0907	4.75024E+06
AGEPHD	1.30864E-02	8.59448E-03	1.523	0.1278	3.11889E+01	EAOSCI	-1.82433E-01	1.26325E-01	-1.444	0.1487	3.58153E+06
NATUPHD	-1.49103E-01	1.00114E-01	-1.489	0.1364	4.59943E+06	OPSCI	1.16199E-01	4.55252E-01	0.255	0.7985	1.69651E+05
PERMPHD	8.62580E-03	1.15331E-01	0.075	0.9404	3.54383E+06	PSYCH	-2.61220E-01	1.04571E-01	-2.498	0.0125	8.21866E+06
TEMPPHD	6.46121E-02	1.12231E-01	0.576	0.5648	8.74647E+06	ECON	-1.54103E-02	1.21398E-01	-0.127	0.8990	3.31762E+06
MCITPHD	3.19560E-01	1.82858E-01	1.748	0.0805	2.43167E+06	POLYSCI	-8.95082E-02	1.38648E-01	-0.646	0.5186	2.29972E+06
HCAPPHD	-9.25762E-03	2.18263E-01	-0.042	0.9662	7.35156E+05	SAD	-2.01227E-02	1.07746E-01	-0.187	0.8518	5.86239E+06
MHCAPPHD	-4.00534E-01	6.84128E-02	-5.855	0.0000	6.97078E-01	OSSCI	1.29880E-01	1.38674E-01	0.937	0.3490	2.18662E+06
HISPAN	3.82433E-02	7.86462E-02	0.486	0.6268	6.29595E+06	PHD70S	-7.34430E-01	1.18149E-01	-6.216	0.0000	5.57964E+06
BLACK	-2.59914E-01	7.99072E-02	-3.253	0.0011	6.03205E+06	PHD80S	-4.55345E-01	8.90992E-02	-5.111	0.0000	7.65127E-01

NOTES: Dependent variable: YRSASO; 5305 observations; 5 iterations; log likelihood function = -22896.80; restricted log likelihood = -23770.29; Chi-squared = 1746.981; d.f. = 54; significance = .0000000. Log-rank test with 54 degrees of freedom: Chi-squared = 1711.700, Prob = .0000.