

TABLE D-14. Maximum likelihood estimates for associate-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	-7.19004E-02	6.75882E-02	-1.064	0.2874	3.31197E-01	HISPAN	4.39082E-02	7.87157E-02	0.558	0.5770	6.29595E+06
FDEP63	-1.51545E-01	7.09847E-02	-2.135	0.0328	1.01791E-01	BLACK	-2.47773E-01	7.98851E-02	-3.102	0.0019	6.03205E+06
FDEP183	-1.60035E-01	6.30405E-02	-2.539	0.0111	8.91612E+06	ASIAN	-7.49742E-02	7.31029E-02	-1.026	0.3051	1.15174E-01
FMAR3	1.63670E-02	9.96356E-02	0.164	0.8695	1.69651E-01	NATAMER	-1.06068E-01	2.11776E-01	-0.501	0.6165	8.10556E+05
DEP63	2.96974E-02	3.39392E-02	0.875	0.3816	4.36381E-01	PNACAFSA	-2.09208E-02	8.87287E-04	-23.578	0.0000	2.06880E+01
DEP183	6.44040E-02	2.92688E-02	2.200	0.0278	3.76249E-01	PMCRGA	-2.86633E-02	1.25645E-03	-22.813	0.0000	4.26743E+01
MDEP3	-1.70610E-01	7.17175E-02	-2.379	0.0174	2.07540E-01	PEMPRSA	-4.51913E-03	5.17755E-04	-8.728	0.0000	3.87165E+01
MAR3	1.23274E-01	6.66650E-02	1.849	0.0644	5.97549E-01	PEMPDOA	-3.03398E-03	7.43964E-04	-4.078	0.0000	8.40889E+00
MMAR3	-2.26588E-01	8.56097E-02	-2.647	0.0081	1.36475E-01	PMWAA	2.43327E-02	1.22644E-03	19.840	0.0000	2.72773E+01
TA	-8.04044E-03	5.90542E-02	-0.136	0.8917	1.66447E-01	PTEACHA	6.10125E-04	6.46673E-04	0.943	0.3454	3.24328E+01
RA	4.96005E-02	5.58769E-02	0.888	0.3747	2.58812E-01	PRESCHA	-9.47453E-05	6.91766E-04	-0.137	0.8911	4.84227E+01
FELLOW	9.83406E-02	1.01582E-01	0.968	0.3330	3.92083E+06	BIO	-3.70732E-01	9.28346E-02	-3.993	0.0001	3.06880E-01
TRAIN	2.03876E-02	6.45316E-02	0.316	0.7521	1.44769E-01	HEALTH	1.35376E-01	1.03076E-01	1.313	0.1891	7.78511E+06
MPSOURC	3.15688E-02	7.42176E-02	0.425	0.6706	1.22337E-01	CHEMENG	6.79845E-01	1.61091E-01	4.220	0.0000	1.35721E+06
TTD1	-7.82815E-03	9.65243E-03	-0.811	0.4174	9.06956E+00	ELECENG	3.29567E-01	1.24764E-01	2.642	0.0083	3.03487E+06
MTTD1	1.82957E-01	3.59741E-01	0.509	0.6110	2.63902E+06	OTHENG	2.17662E-01	9.73631E-02	2.236	0.0254	9.74552E+06
PDOCP	-3.27977E-01	5.09943E-02	-6.432	0.0000	4.27144E-01	COMP	5.13040E-01	1.38457E-01	3.705	0.0002	1.97926E+06
MPDOCP	-4.56246E-01	1.35066E-01	-3.378	0.0007	4.56173E+06	MATH	8.53340E-02	1.12375E-01	0.759	0.4476	4.80679E+06
FSWI	1.70944E-03	4.27917E-02	0.040	0.9681	3.77568E-01	PHYSICS	-1.94063E-01	1.20826E-01	-1.606	0.1082	5.18379E+06
MFSWI	-4.15061E-03	4.75418E-02	-0.087	0.9304	3.47220E-01	CHEM	-1.95951E-01	1.24188E-01	-1.578	0.1146	4.75024E+06
BAINT	-5.50973E-03	1.02930E-01	-0.054	0.9573	1.09896E-01	EAOSCI	-1.73044E-01	1.26390E-01	-1.369	0.1710	3.58153E+06
MBAINT	1.27269E-01	3.17199E-01	0.401	0.6883	2.18662E+06	OPSCI	1.12687E-01	4.55308E-01	0.247	0.8045	1.69651E+05
AGEPHD	1.13010E-02	8.59393E-03	1.315	0.1885	3.11889E+01	PSYCH	-2.48162E-01	1.04611E-01	-2.372	0.0177	8.21866E+06
NATUPHD	-1.17548E-01	1.00399E-01	-1.171	0.2417	4.59943E+06	ECON	6.83103E-03	1.21512E-01	0.056	0.9552	3.31762E+06
PERMPHD	2.04275E-02	1.15639E-01	0.177	0.8598	3.54383E+06	POLYSCI	-7.57855E-02	1.38711E-01	-0.546	0.5848	2.29972E+06
TEMPPHD	5.90065E-02	1.12268E-01	0.526	0.5992	8.74647E+06	SAD	-2.13651E-02	1.07864E-01	-0.198	0.8430	5.86239E+06
MCITPHD	3.01491E-01	1.82855E-01	1.649	0.0992	2.43167E+06	OSSCI	1.22829E-01	1.38801E-01	0.885	0.3762	2.18662E+06
HCAPPHD	-4.19281E-02	2.18722E-01	-0.192	0.8480	7.35156E+05	PHD70S	-7.26745E-01	1.18124E-01	-6.152	0.0000	5.57964E+06
MHCAPPHD	-3.96041E-01	6.85052E-02	-5.781	0.0000	6.97078E-01	PHD80S	-4.41432E-01	8.91224E-02	-4.953	0.0000	7.65127E-01

NOTES: Dependent variable: YRSASO; 5305 observations; 5 iterations; log likelihood function = -22886.23; restricted log likelihood = -23770.29; Chi-squared = 1768.113; d.f. = 58; significance = .0000000. Log-rank test with 58 degrees of freedom: Chi-squared = 1737.345, Prob = .0000.