

Web Appendix to:
Can Marginal Rates of Substitution Be Inferred
From Happiness Data?
Evidence from Residency Choices

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Table A1: Summary Statistics

<i>Main survey (561 respondents)</i>					
	Median	p10	p25	p75	p90
Age	26	25	25	28	30
College GPA	3.8	3.4	3.6	3.9	4.0
MCAT score	32	26	29	34	37
MLE Step 1 Score	228	198	214	244	255
MLE Step 2 Score	241	211	226	255	265
	%				
Female	47%				
Participated in dual match	7%				
<i>Relationship status:</i>					
Single	35%				
In a long-term relationship	35%				
Married	30%				
<i>Repeat survey (131 respondents)</i>					
	Median	p10	p25	p75	p90
Age	26	25	26	28	31
College GPA	3.8	3.3	3.5	3.9	4.0
MCAT score	32	27	29	34	38
MLE Step 1 Score	228	201	216	244	253
MLE Step 2 Score	242	211	227	255	265
	%				
Female	40%				
Participated in dual match	6%				
<i>Relationship status:</i>					
Single	34%				
In a long-term relationship	31%				
Married	35%				

Notes: Distributional information on respondent characteristics. For continuous variables, the median, 10th, 25th, 75th, and 90th percentiles are reported.

Table A2: Means and Standard Deviations of SWB and Attribute Ratings

	Preference Rank				
	1	2	3	4	All
Happiness during residency	82 (14)	78 (14)	76 (14)	73 (17)	78 (15)
Life satisfaction during residency	87 (13)	82 (14)	78 (14)	75 (16)	81 (15)
Ladder	88 (13)	82 (13)	77 (15)	73 (17)	80 (16)
Residency prestige and status	83 (19)	79 (19)	75 (20)	71 (21)	77 (20)
Social life during residency	75 (20)	71 (20)	68 (20)	65 (21)	70 (21)
Desirability of location	86 (19)	78 (20)	72 (23)	67 (23)	76 (22)
Anxiety during residency	55 (25)	55 (24)	54 (24)	54 (24)	55 (24)
Worthwhile life during residency	89 (13)	86 (14)	83 (16)	81 (17)	85 (15)
Stress during residency	59 (23)	58 (23)	57 (23)	57 (22)	58 (23)
Future career prospects	91 (13)	87 (13)	84 (16)	81 (17)	86 (15)
Control over life	70 (22)	68 (21)	66 (21)	66 (21)	67 (21)
Desirable for significant other	87 (20)	76 (25)	65 (28)	59 (27)	72 (27)
Average happiness in first 10 years	86 (12)	84 (12)	82 (13)		84 (13)
Average happiness in rest of career	86 (11)	84 (12)	83 (12)		84 (12)
Average happiness after retirement	86 (15)	85 (15)	85 (15)		85 (15)

Notes: Means of primary variables, by rank in the NRMP preference ordering. Standard deviations in parentheses. Based on main sample of 561 respondents.

Table A3: Test-Retest Correlations

	Correlation between wave 1 and wave 2 responses	Within-subject correlation between wave 1 and wave 2 responses
Happiness during residency	0.70	0.59
Life satisfaction during residency	0.67	0.52
Ladder	0.62	0.56
Residency prestige and status	0.78	0.71
Social life during residency	0.72	0.59
Desirability of location	0.79	0.81
Anxiety during residency	0.58	0.24
Worthwhile life during residency	0.66	0.40
Stress during residency	0.59	0.37
Future career prospects	0.64	0.52
Control over life	0.60	0.24
Desirable for significant other	0.78	0.81
Average happiness in first 10 years	0.45	0.45
Average happiness in rest of career	0.42	0.46
Average happiness after retirement	0.58	0.30

Notes: Correlation between first-wave and second-wave survey responses for the 131 main-sample respondents who participated in the follow up survey. The second column reports the correlation after variables are demeaned at the respondent level.

Table A4: Differences Between SWB and Choice Coefficients in Table 3, With p -values

	(1) Happiness during residency	(2) Life satisfaction during residency	(3) Ladder	(4) 4-period- happiness index	(5) 3-SWB- measure index	(6) 6-SWB- question index
Residency prestige and status	1.3*** <i>0.000</i>	1.0*** <i>0.000</i>	0.9*** <i>0.000</i>	1.2*** <i>0.000</i>	1.0*** <i>0.000</i>	0.9*** <i>0.001</i>
Social life during residency	-1.2*** <i>0.000</i>	-0.7*** <i>0.006</i>	-0.8*** <i>0.001</i>	-0.8*** <i>0.007</i>	-0.9*** <i>0.000</i>	-0.8*** <i>0.003</i>
Desirability of location	0.6*** <i>0.001</i>	-0.0 <i>0.831</i>	-0.0 <i>0.932</i>	0.6** <i>0.011</i>	-0.0 <i>0.926</i>	0.2 <i>0.367</i>
Anxiety during residency	0.6** <i>0.018</i>	0.1 <i>0.648</i>	0.3 <i>0.273</i>	1.0*** <i>0.001</i>	0.3 <i>0.221</i>	0.5* <i>0.065</i>
Worthwhile life during residency	-1.5*** <i>0.000</i>	-1.5*** <i>0.000</i>	-0.8** <i>0.029</i>	-1.3*** <i>0.005</i>	-0.8** <i>0.026</i>	-0.8** <i>0.049</i>
Stress during residency	0.6** <i>0.036</i>	0.3 <i>0.203</i>	0.2 <i>0.348</i>	-0.4 <i>0.167</i>	0.3 <i>0.223</i>	-0.1 <i>0.821</i>
Future career prospects	1.2*** <i>0.003</i>	0.7* <i>0.059</i>	0.2 <i>0.515</i>	0.9** <i>0.040</i>	0.5 <i>0.168</i>	0.5 <i>0.241</i>
Control over life	-0.3 <i>0.209</i>	-0.0 <i>0.899</i>	0.0 <i>0.876</i>	-0.4 <i>0.194</i>	0.0 <i>0.994</i>	-0.5* <i>0.051</i>
Desirable for significant other	1.1*** <i>0.000</i>	1.0*** <i>0.000</i>	0.9*** <i>0.000</i>	1.2*** <i>0.000</i>	0.8*** <i>0.000</i>	0.9*** <i>0.000</i>

Notes: Each column reports the difference between the coefficient estimated with choice data and the corresponding coefficient estimated with each column's SWB metric. For example, the coefficient of 1.1 reported for "Desirable for significant other" (bottom row) in the first column equals the difference between table 3's choice coefficient of 1.4 and the happiness-during-residency coefficient of 0.3. p -values are reported in *italics*, based on delta-method standard errors. * $p < .1$, ** $p < .05$, *** $p < .01$

Table A5: Table 3’s Rank-Ordered Logit Estimates vs. OLS Estimates

	(1) Choice	(2) Happiness during residency	(3) OLS	(4) Life satisfaction during residency	(5) OLS	(6) Ladder	(7) OLS
Estimation Method	RO	RO	OLS	RO	OLS	RO	OLS
Residency prestige and status	1.4*** (0.2)	0.0 (0.2)	0.0 (0.3)	0.4* (0.2)	0.5* (0.3)	0.4** (0.2)	0.8*** (0.2)
Social life during residency	0.8*** (0.2)	2.0*** (0.2)	1.9*** (0.3)	1.5*** (0.2)	1.6*** (0.3)	1.6*** (0.2)	1.5*** (0.2)
Desirability of location	0.9*** (0.1)	0.3* (0.2)	0.2 (0.2)	1.0*** (0.1)	0.9*** (0.2)	0.9*** (0.1)	1.0*** (0.2)
Anxiety during residency	-0.1 (0.2)	-0.8*** (0.2)	-0.7** (0.3)	-0.3 (0.2)	-0.5** (0.2)	-0.4** (0.2)	-0.5** (0.2)
Worthwhile life during residency	2.4*** (0.2)	3.9*** (0.3)	4.3*** (0.5)	3.9*** (0.3)	3.8*** (0.4)	3.2*** (0.3)	2.9*** (0.4)
Stress during residency	-0.1 (0.2)	-0.6*** (0.2)	-0.6** (0.3)	-0.4** (0.2)	-0.2 (0.3)	-0.3* (0.2)	-0.5** (0.2)
Future career prospects	1.7*** (0.3)	0.5* (0.3)	0.4 (0.4)	1.0*** (0.3)	0.7* (0.4)	1.5*** (0.3)	1.2*** (0.3)
Control over life	0.2 (0.2)	0.5*** (0.2)	0.7** (0.3)	0.2 (0.2)	0.4* (0.3)	0.2 (0.2)	0.2 (0.2)
Desirable for significant other	1.4*** (0.1)	0.3* (0.2)	0.2 (0.2)	0.4*** (0.1)	0.5*** (0.2)	0.5*** (0.1)	0.6*** (0.2)
# Observations	2169	2167		2169		2168	
# Students	557	557		557		557	

Notes: Table constructed analogously to table 3. Delta-method standard errors in parentheses. The “Estimation Method” header indicates if the initial coefficient estimates were generated with rank-ordered logit (RO) or OLS with respondent fixed effects and standard errors clustered at the respondent level (OLS). Columns marked RO are identical to those in table 3, and are repeated only for ease of side-by-side comparison to the OLS estimates. * $p < .1$, ** $p < .05$, *** $p < .01$

Table A6: Table 3’s Rank-Ordered Logit Estimates vs. Ordered Logit Estimates

	(1) Choice	(2) Happiness during residency	(3) O	(4) Life satisfaction during residency	(5) O	(6) Ladder	(7) O
Estimation Method	RO	RO	O	RO	O	RO	O
Residency prestige and status	1.4*** (0.2)	0.0 (0.2)	-0.3 (0.2)	0.4* (0.2)	0.2 (0.2)	0.4** (0.2)	0.7*** (0.2)
Social life during residency	0.8*** (0.2)	2.0*** (0.2)	1.9*** (0.2)	1.5*** (0.2)	1.3*** (0.2)	1.6*** (0.2)	1.2*** (0.2)
Desirability of location	0.9*** (0.1)	0.3* (0.2)	0.4*** (0.1)	1.0*** (0.1)	1.0*** (0.1)	0.9*** (0.1)	1.5*** (0.1)
Anxiety during residency	-0.1 (0.2)	-0.8*** (0.2)	-0.1 (0.2)	-0.3 (0.2)	-0.0 (0.1)	-0.4** (0.2)	-0.0 (0.1)
Worthwhile life during residency	2.4*** (0.2)	3.9*** (0.3)	4.5*** (0.3)	3.9*** (0.3)	4.7*** (0.3)	3.2*** (0.3)	3.5*** (0.3)
Stress during residency	-0.1 (0.2)	-0.6*** (0.2)	-0.3 (0.2)	-0.4** (0.2)	-0.4*** (0.1)	-0.3* (0.2)	-0.4*** (0.2)
Future career prospects	1.7*** (0.3)	0.5* (0.3)	1.1*** (0.2)	1.0*** (0.3)	0.9*** (0.3)	1.5*** (0.3)	1.3*** (0.2)
Control over life	0.2 (0.2)	0.5*** (0.2)	0.4*** (0.1)	0.2 (0.2)	0.4*** (0.1)	0.2 (0.2)	0.1 (0.1)
Desirable for significant other	1.4*** (0.1)	0.3* (0.2)	0.1 (0.1)	0.4*** (0.1)	0.1** (0.1)	0.5*** (0.1)	0.3*** (0.1)
# Observations	2169	2167		2169		2168	
# Students	557	557		557		557	

Notes: Table constructed analogously to table 3. Delta-method standard errors in parentheses. The “Estimation Method” header indicates if the initial coefficient estimates were generated with rank-ordered logit (RO) or ordered logit with standard errors clustered at the respondent level (O). Columns marked RO are identical to those in table 3, and are repeated only for ease of side-by-side comparison to the ordered logit estimates. * $p < .1$, ** $p < .05$, *** $p < .01$

Table A7: Table 3 with Residency Attributes Normalized Within Respondent

	(1) Choice	(2) Happiness During Residency	(3) Life Satisfaction During Residency	(4) Ladder	(5) 4-Period- Happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency Prestige and Status	1.2*** (0.2)	-0.1 (0.3)	0.3 (0.2)	0.5** (0.2)	0.3 (0.3)	0.4** (0.2)	0.5** (0.2)
Social Life During Residency	0.9*** (0.1)	2.2*** (0.3)	1.9*** (0.2)	1.7*** (0.2)	2.0*** (0.3)	1.9*** (0.2)	1.8*** (0.2)
Desirability of Location	1.3*** (0.2)	0.5** (0.2)	1.5*** (0.2)	1.6*** (0.2)	0.5 (0.3)	1.5*** (0.2)	1.1*** (0.2)
Anxiety During Residency	-0.0 (0.2)	-0.9*** (0.2)	-0.2 (0.2)	-0.4** (0.2)	-1.3*** (0.2)	-0.5*** (0.2)	-0.7*** (0.2)
Worthwhile Life During Residency	1.7*** (0.2)	2.6*** (0.3)	2.7*** (0.2)	2.0*** (0.2)	2.4*** (0.3)	2.1*** (0.2)	2.0*** (0.2)
Stress During Residency	0.1 (0.2)	-0.7*** (0.2)	-0.2 (0.2)	-0.2 (0.2)	0.3 (0.3)	-0.3 (0.2)	0.1 (0.2)
Future Career Prospects	1.4*** (0.2)	0.5* (0.3)	1.1*** (0.3)	1.4*** (0.2)	0.9*** (0.3)	1.2*** (0.2)	1.1*** (0.3)
Control Over Life	0.2 (0.1)	0.6*** (0.2)	0.2 (0.2)	0.2 (0.2)	0.7*** (0.2)	0.2 (0.2)	0.6*** (0.2)
Desirable for Significant Other	2.3*** (0.2)	0.9*** (0.3)	0.8*** (0.3)	1.0*** (0.2)	0.8** (0.3)	1.1*** (0.2)	1.0*** (0.3)
# Observations	2169	2167	2169	2168	1591	2166	1590
# Students	557	557	557	557	540	557	540
Joint significance of differences with choice coefficients		0.000	0.000	0.000	0.000	0.000	0.000

Notes: Table constructed analogously to table 3, with the nine residency attributes normalized within-subject. Delta-method standard errors in parentheses. To generate the normalized variables, the mean and standard deviation of each attribute is calculated across the different programs the respondent rated. The variable included is (attribute rating – respondent-specific mean)/(respondent-specific standard deviation). If the standard deviation is zero or undefined, the variable is set to zero. * $p < .1$, ** $p < .05$, *** $p < .01$

Table A8: Weight Estimates for 12- and 15-Question Indices

	(1) Choice	(2) Choice
Happiness during residency	1.9*** (0.5)	1.5** (0.7)
Life satisfaction during residency	3.3*** (0.5)	3.3*** (0.7)
Ladder	3.2*** (0.5)	3.8*** (0.7)
Residency prestige and status	2.5*** (0.3)	2.4*** (0.5)
Social life during residency	0.4 (0.3)	0.1 (0.5)
Desirability of location	1.1*** (0.2)	0.7** (0.3)
Anxiety during residency	0.2 (0.3)	-0.1 (0.4)
Worthwhile life during residency	1.9*** (0.6)	1.8** (0.8)
Stress during residency	0.3 (0.3)	1.0** (0.5)
Future career prospects	2.8*** (0.5)	2.1*** (0.7)
Control over life	0.1 (0.3)	-0.0 (0.4)
Desirable for significant other	2.5*** (0.3)	3.2*** (0.4)
Happiness in first 10 years		3.7*** (1.0)
Happiness in rest of career		2.1** (1.0)
Happiness after retirement		1.4 (1.0)
# Observations	2166	1590
# Students	557	540
McKelvey & Zavoina R^2 , within variance only	0.57	0.54

Notes: Standard errors in parentheses. Rank-ordered logit regressions of choice on SWB measures and attribute ratings. All attribute ratings are divided by 100 prior to inclusion in the regression. * $p < .1$, ** $p < .05$, *** $p < .01$

Table A9: Within-Subject Correlation Matrix of SWB Measures and Attribute Ratings

	Happiness during residency	Life satisfaction during residency	Ladder	Residency prestige and status	Social life during residency	Desirability of location	Anxiety during residency	Worthwhile life during residency	Stress during residency	Future career prospects	Control over life	Desirable for significant other
Happiness during residency	1.00	0.58	0.51	0.03	0.42	0.27	-0.14	0.50	-0.14	0.12	0.10	0.23
Life satisfaction during residency	0.58	1.00	0.60	0.14	0.44	0.42	-0.07	0.52	-0.05	0.21	0.11	0.33
Ladder	0.51	0.60	1.00	0.21	0.44	0.45	-0.07	0.51	-0.06	0.28	0.09	0.37
Residency prestige and status	0.03	0.14	0.21	1.00	-0.05	-0.01	0.21	0.11	0.26	0.65	0.18	0.02
Social life during residency	0.42	0.44	0.44	-0.05	1.00	0.43	-0.07	0.35	-0.09	-0.02	0.02	0.28
Desirability of location	0.27	0.42	0.45	-0.01	0.43	1.00	0.03	0.29	0.04	0.07	0.06	0.52
Anxiety during residency	-0.14	-0.07	-0.07	0.21	-0.07	0.03	1.00	-0.07	0.51	0.18	0.22	0.02
Worthwhile life during residency	0.50	0.52	0.51	0.11	0.35	0.29	-0.07	1.00	-0.07	0.24	0.08	0.26
Stress during residency	-0.14	-0.05	-0.06	0.26	-0.09	0.04	0.51	-0.07	1.00	0.19	0.22	0.03
Future career prospects	0.12	0.21	0.28	0.65	-0.02	0.07	0.18	0.24	0.19	1.00	0.20	0.06
Control over life	0.10	0.11	0.09	0.18	0.02	0.06	0.22	0.08	0.22	0.20	1.00	0.06
Desirable for significant other	0.23	0.33	0.37	0.02	0.28	0.52	0.02	0.26	0.03	0.06	0.06	1.00

Table A10: Table 4 Restricted to 4-Period-Happiness Index Estimation Sample

	(1) Choice	(2) Choice	(3) Choice
Happiness during residency	4.6*** (0.5)	1.0* (0.6)	0.9 (0.6)
Happiness in first 10 years	4.6*** (0.8)		3.5*** (0.9)
Happiness in rest of career	2.6*** (0.9)		2.4*** (0.9)
Happiness after retirement	1.4* (0.9)		2.0** (0.9)
Life satisfaction during residency		4.1*** (0.7)	3.9*** (0.7)
Ladder		5.8*** (0.6)	5.4*** (0.6)
# Observations	1607	1607	1607
# Students	544	544	544
McKelvey & Zavoina R^2 , within variance only	0.18	0.32	0.37

Notes: This table replicates table 4, with the sample restricted to the observations available in column 3 of table 4. * $p < .1$, ** $p < .05$, *** $p < .01$

Table A11: Forecasting Choice and SWB with City Characteristics and U.S. News Data

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder
Air quality index	-0.002 (0.003)	0.000 (0.003)	-0.002 (0.003)	0.002 (0.003)
Crime rate	0.001 (0.003)	-0.007* (0.003)	0.002 (0.003)	0.000 (0.003)
Median commute	0.008 (0.011)	-0.020 (0.014)	-0.029** (0.015)	0.003 (0.012)
Number of clear days	-0.006 (0.006)	-0.011 (0.007)	-0.006 (0.007)	-0.002 (0.007)
Ln(population)	-0.011 (0.053)	0.002 (0.063)	0.100 (0.063)	0.028 (0.057)
Ln(family purchasing power)	0.302 (0.211)	0.241 (0.244)	0.493** (0.241)	0.122 (0.229)
On U.S. News Honor Roll	0.008 (0.109)	-0.236* (0.127)	-0.057 (0.121)	-0.094 (0.119)
# Observations	1657	1632	1632	1632
# Students	552	550	550	550
McKelvey & Zavoina R^2 , within variance only	0.002	0.014	0.008	0.001

Notes: Rank-ordered logit regressions of choice and SWB orderings on residency characteristics. Residencies were matched to CNN Money 2012 city rankings and their recorded city characteristics. For details on these data and variable definitions, see <http://money.cnn.com/magazines/moneymag/best-places/2012/faq/>. “On U.S. News Honor Roll” is a dummy variable which indicates residency programs associated with one of U.S. News and World Report’s “Honor Roll” hospitals. As can be seen by the small and generally insignificant point-estimates, as well as the extremely low R^2 s, these variables are generally not predictive of individual residency preference rankings or SWB rankings.

Table A12: Table 2 Restricted to 4-Period-Happiness Index Estimation Sample

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	2.6*** (0.5)	-0.1 (0.5)	0.5 (0.5)	1.1** (0.5)	0.3 (0.4)	1.6*** (0.4)	1.1** (0.4)
Social life during residency	1.6*** (0.4)	3.4*** (0.5)	2.9*** (0.5)	3.4*** (0.5)	2.6*** (0.4)	3.7*** (0.5)	3.5*** (0.5)
Desirability of location	1.4*** (0.3)	0.3 (0.3)	1.6*** (0.3)	1.8*** (0.3)	0.5* (0.3)	1.9*** (0.3)	1.6*** (0.3)
Anxiety during residency	-0.7* (0.4)	-1.4*** (0.5)	-0.5 (0.5)	-1.0** (0.5)	-1.8*** (0.4)	-0.9** (0.4)	-1.4*** (0.4)
Worthwhile life during residency	4.6*** (0.7)	7.2*** (0.9)	7.1*** (0.9)	6.5*** (0.9)	5.9*** (0.7)	7.0*** (0.8)	6.9*** (0.8)
Stress during residency	0.7 (0.4)	-0.8* (0.5)	-0.8 (0.5)	-0.3 (0.5)	0.5 (0.4)	-0.6 (0.4)	0.0 (0.4)
Future career prospects	3.1*** (0.7)	1.5** (0.7)	2.7*** (0.8)	3.2*** (0.7)	1.2** (0.6)	2.5*** (0.7)	2.8*** (0.7)
Control over life	0.5 (0.4)	1.5*** (0.5)	1.5*** (0.5)	1.1** (0.5)	1.0** (0.4)	1.5*** (0.4)	1.5*** (0.4)
Desirable for significant other	3.2*** (0.4)	0.3 (0.3)	0.9** (0.4)	1.1*** (0.4)	0.3 (0.3)	1.2*** (0.3)	0.9*** (0.3)
# Observations	1591	1591	1591	1590	1591	1590	1590
# Students	540	540	540	540	540	540	540
McKelvey & Zavoina R^2 , within variance only	0.42	0.33	0.39	0.42	0.25	0.45	0.42
Joint significance of differences with choice coefficients		0.000	0.000	0.000	0.000	0.000	0.000

Notes: This table replicates table 2, with the sample restricted to the observations available in column 5 of table 2. * $p < .1$, ** $p < .05$, *** $p < .01$

Table A13: Table 3 Restricted to 4-Period-Happiness Index Estimation Sample

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.3*** (0.2)	-0.1 (0.3)	0.3 (0.2)	0.5** (0.2)	0.2 (0.3)	0.7*** (0.2)	0.5** (0.2)
Social life during residency	0.8*** (0.2)	1.8*** (0.3)	1.4*** (0.2)	1.6*** (0.2)	1.7*** (0.3)	1.6*** (0.2)	1.6*** (0.2)
Desirability of location	0.7*** (0.2)	0.2 (0.2)	0.8*** (0.2)	0.8*** (0.2)	0.3* (0.2)	0.8*** (0.1)	0.7*** (0.1)
Anxiety during residency	-0.3* (0.2)	-0.8*** (0.3)	-0.2 (0.2)	-0.5** (0.2)	-1.1*** (0.2)	-0.4** (0.2)	-0.6*** (0.2)
Worthwhile life during residency	2.2*** (0.3)	3.9*** (0.5)	3.5*** (0.4)	3.0*** (0.3)	3.7*** (0.4)	3.0*** (0.3)	3.2*** (0.3)
Stress during residency	0.3 (0.2)	-0.5* (0.3)	-0.4 (0.2)	-0.2 (0.2)	0.3 (0.3)	-0.3 (0.2)	0.0 (0.2)
Future career prospects	1.5*** (0.3)	0.8** (0.4)	1.3*** (0.4)	1.5*** (0.3)	0.8** (0.4)	1.1*** (0.3)	1.3*** (0.3)
Control over life	0.3 (0.2)	0.8*** (0.2)	0.7*** (0.2)	0.5** (0.2)	0.6** (0.3)	0.6*** (0.2)	0.7*** (0.2)
Desirable for significant other	1.6*** (0.2)	0.2 (0.2)	0.4** (0.2)	0.5*** (0.2)	0.2 (0.2)	0.5*** (0.1)	0.4*** (0.1)
# Observations	1591	1591	1591	1590	1591	1590	1590
# Students	540	540	540	540	540	540	540
Joint significance of differences with choice coefficients		0.000	0.000	0.000	0.000	0.000	0.000

Notes: This table replicates table 3, with the sample restricted to the observations available in column 5 of table 3. * $p < .1$, ** $p < .05$, *** $p < .01$

Table A14: Table 5 Restricted to First-Ranked vs. Second-Ranked Comparisons

	(1)	(2)	(3)	(4)	(5)
	Preferred program rates higher (Correct- prediction rate)	The two programs have same rating	Preferred program rates lower	Conditional correct-prediction rate $\left(\frac{\text{column (1)}}{100\% - \text{column (2)}}\right)$	# Pairwise program comparisons
Happiness during residency	48%	30%	22%	69%	551
Life satisfaction during residency	54%	28%	19%	74%	553
Ladder	59%	24%	17%	78%	553
Residency prestige and status	50%	20%	30%	63%	552
Social life during residency	50%	23%	27%	65%	553
Desirability of location	56%	22%	22%	72%	552
Anxiety during residency	33%	32%	36%	48%	550
Worthwhile life during residency	41%	41%	18%	69%	551
Stress during residency	39%	26%	35%	52%	551
Future career prospects	43%	36%	21%	67%	553
Control over life	41%	30%	29%	59%	550
Desirable for significant other	58%	21%	21%	73%	355
Average happiness in first 10 years	31%	56%	13%	71%	537
Average happiness in rest of career	30%	55%	15%	66%	538
Average happiness after retirement	22%	62%	16%	58%	538
4-period-happiness index	61%	11%	28%	68%	534
3-SWB-measure index	71%	5%	24%	75%	551
6-SWB-question index	74%	2%	24%	76%	534
12-question index (3 SWB + 9 attribute)	78%	0%	22%	78%	544
15-question index (6 SWB + 9 attribute)	81%	0%	19%	81%	529

Notes: This table replicates table 5, with the data restricted to only binary comparisons of the first- and second-ranked programs.

Table A15: Table 5 Restricted to First-Ranked vs. Third-Ranked Comparisons

	(1) Preferred program rates higher (Correct- prediction rate)	(2) The two programs have same rating	(3) Preferred program rates lower	(4) Conditional correct-prediction rate $\left(\frac{\text{column (1)}}{100\% - \text{column (2)}}\right)$	(5) # Pairwise program comparisons
Happiness during residency	58%	24%	18%	77%	544
Life satisfaction during residency	68%	21%	11%	86%	544
Ladder	76%	13%	11%	87%	544
Residency prestige and status	59%	18%	23%	72%	544
Social life during residency	57%	21%	22%	72%	545
Desirability of location	68%	13%	19%	78%	543
Anxiety during residency	38%	30%	32%	55%	543
Worthwhile life during residency	46%	41%	13%	78%	542
Stress during residency	43%	26%	31%	58%	543
Future career prospects	55%	29%	16%	77%	545
Control over life	44%	28%	28%	61%	543
Desirable for significant other	75%	12%	13%	85%	351
Average happiness in first 10 years	39%	51%	10%	80%	534
Average happiness in rest of career	33%	53%	14%	69%	533
Average happiness after retirement	25%	63%	12%	68%	534
4-period-happiness index	71%	8%	21%	77%	529
3-SWB-measure index	84%	3%	12%	87%	541
6-SWB-question index	86%	2%	13%	87%	527
12-question index (3 SWB + 9 attribute)	89%	0%	11%	89%	530
15-question index (6 SWB + 9 attribute)	89%	0%	11%	89%	518

Notes: This table replicates table 5, with the data restricted to only binary comparisons of the first- and third-ranked programs.

Table A16: Table 5 Restricted to First-Ranked vs. Fourth-Ranked Comparisons

	(1)	(2)	(3)	(4)	(5)
	Preferred program rates higher (Correct- prediction rate)	The two programs have same rating	Preferred program rates lower	Conditional correct-prediction rate $\left(\frac{\text{column (1)}}{100\% - \text{column (2)}}\right)$	# Pairwise program comparisons
Happiness during residency	63%	22%	15%	81%	533
Life satisfaction during residency	73%	18%	9%	90%	536
Ladder	79%	12%	9%	90%	536
Residency prestige and status	68%	10%	22%	76%	535
Social life during residency	62%	17%	21%	74%	536
Desirability of location	74%	9%	17%	81%	535
Anxiety during residency	41%	35%	34%	55%	533
Worthwhile life during residency	55%	35%	10%	85%	535
Stress during residency	42%	24%	34%	55%	533
Future career prospects	63%	22%	15%	81%	536
Control over life	47%	27%	26%	64%	533
Desirable for significant other	78%	9%	13%	86%	344
3-SWB-measure index	88%	1%	11%	89%	533
12-question index (3 SWB + 9 attribute)	92%	0%	8%	92%	525

Notes: This table replicates table 5, with the data restricted to only binary comparisons of the first- and fourth-ranked programs.

Table 3 by different sample cuts

The tables are the same as table 3, but with the sample restricted to various subpopulations as described in section III.B.

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Table 3 restricted to single respondents

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.7*** (0.4)	-0.5* (0.3)	0.3 (0.4)	0.2 (0.3)	0.0 (0.5)	0.4 (0.3)	0.8* (0.4)
Social life during residency	0.5* (0.3)	1.8*** (0.3)	1.6*** (0.3)	1.8*** (0.3)	1.7*** (0.4)	2.0*** (0.3)	1.4*** (0.3)
Desirability of location	1.2*** (0.3)	0.1 (0.2)	1.1*** (0.3)	0.9*** (0.2)	0.4 (0.3)	1.1*** (0.2)	1.0*** (0.3)
Anxiety during residency	0.4 (0.3)	-0.6** (0.3)	-0.2 (0.4)	-0.2 (0.3)	-1.1** (0.4)	-0.4 (0.3)	-0.8** (0.4)
Worthwhile life during residency	2.5*** (0.5)	3.3*** (0.5)	3.9*** (0.6)	3.1*** (0.4)	3.8*** (0.7)	3.0*** (0.4)	3.0*** (0.6)
Stress during residency	-0.6* (0.3)	-1.0*** (0.3)	-0.4 (0.4)	-0.9*** (0.3)	-0.2 (0.5)	-0.7** (0.3)	-0.1 (0.4)
Future career prospects	1.8*** (0.5)	1.0** (0.4)	1.5*** (0.5)	1.6*** (0.4)	0.8 (0.6)	1.1*** (0.4)	0.7 (0.6)
Control over life	0.4 (0.3)	0.7*** (0.3)	-0.1 (0.3)	0.3 (0.3)	0.9** (0.4)	0.3 (0.2)	1.1*** (0.4)
Desirable for significant other	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)
# Observations	771	770	771	770	564	769	563
# Students	199	199	199	199	192	199	192
Joint significance of differences with choice coefficients		0.000	0.000	0.000	0.000	0.000	0.000

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to respondents in a long-term relationship

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.6*** (0.4)	0.5 (0.4)	0.6** (0.3)	0.8** (0.3)	0.9** (0.4)	0.6** (0.3)	0.6* (0.3)
Social life during residency	1.1*** (0.3)	2.8*** (0.4)	2.0*** (0.3)	1.5*** (0.3)	2.4*** (0.6)	1.7*** (0.3)	1.5*** (0.3)
Desirability of location	1.2*** (0.2)	0.6** (0.3)	1.3*** (0.2)	1.1*** (0.2)	0.3 (0.3)	1.1*** (0.2)	0.8*** (0.2)
Anxiety during residency	-0.4 (0.3)	-0.9*** (0.3)	-0.3 (0.3)	-0.7*** (0.3)	-1.4*** (0.5)	-0.6*** (0.2)	-0.8*** (0.3)
Worthwhile life during residency	1.9*** (0.4)	3.5*** (0.5)	3.6*** (0.5)	3.4*** (0.4)	3.6*** (0.8)	3.4*** (0.4)	3.8*** (0.5)
Stress during residency	0.2 (0.3)	-0.7* (0.4)	-0.4 (0.3)	-0.1 (0.3)	0.2 (0.5)	-0.2 (0.3)	0.0 (0.3)
Future career prospects	1.2*** (0.5)	0.1 (0.5)	0.6 (0.4)	1.0** (0.4)	-0.0 (0.7)	1.0** (0.4)	0.5 (0.5)
Control over life	-0.2 (0.3)	0.0 (0.4)	0.1 (0.3)	0.2 (0.3)	0.2 (0.5)	-0.1 (0.3)	0.6* (0.3)
Desirable for significant other	1.2*** (0.2)	0.1 (0.2)	0.1 (0.2)	0.3** (0.2)	0.0 (0.3)	0.4** (0.2)	0.3* (0.2)
# Observations	754	753	754	754	558	753	558
# Students	192	192	192	192	189	192	189
Joint significance of differences with choice coefficients		0.000	0.000	0.000	0.000	0.000	0.000

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to married respondents

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	0.9*** (0.2)	0.2 (0.4)	0.2 (0.3)	0.3 (0.3)	-0.2 (0.3)	0.3 (0.2)	0.2 (0.3)
Social life during residency	0.7*** (0.2)	1.4*** (0.4)	0.9*** (0.3)	1.6*** (0.3)	0.9** (0.4)	1.5*** (0.3)	1.9*** (0.4)
Desirability of location	0.3* (0.2)	0.0 (0.3)	0.4 (0.2)	0.7** (0.3)	0.2 (0.3)	0.5*** (0.2)	0.5** (0.3)
Anxiety during residency	-0.4* (0.2)	-0.8* (0.5)	-0.3 (0.4)	-0.4 (0.4)	-0.8** (0.4)	-0.2 (0.3)	-0.2 (0.3)
Worthwhile life during residency	2.9*** (0.4)	4.9*** (0.7)	4.3*** (0.5)	2.9*** (0.5)	3.7*** (0.7)	3.3*** (0.5)	2.8*** (0.5)
Stress during residency	0.3 (0.2)	-0.0 (0.4)	-0.4 (0.3)	0.1 (0.3)	0.9*** (0.3)	-0.2 (0.3)	0.1 (0.3)
Future career prospects	1.9*** (0.3)	0.3 (0.6)	1.0** (0.5)	2.1*** (0.5)	1.2** (0.5)	1.7*** (0.4)	2.5*** (0.5)
Control over life	0.3 (0.2)	0.8** (0.4)	0.7*** (0.3)	0.0 (0.3)	0.7* (0.4)	0.3 (0.2)	0.3 (0.3)
Desirable for significant other	1.2*** (0.2)	0.6** (0.3)	0.7*** (0.3)	0.8*** (0.3)	0.5* (0.3)	1.0*** (0.2)	0.6** (0.2)
# Observations	644	644	644	644	469	644	469
# Students	166	166	166	166	159	166	159
Joint significance of differences with choice coefficients		0.000	0.000	0.047	0.000	0.003	0.036

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to men

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.7*** (0.3)	0.4 (0.3)	0.5* (0.3)	0.6** (0.3)	0.5 (0.3)	0.8*** (0.2)	0.7** (0.3)
Social life during residency	0.9*** (0.2)	1.8*** (0.3)	1.3*** (0.3)	1.6*** (0.2)	1.4*** (0.3)	1.6*** (0.2)	1.4*** (0.3)
Desirability of location	0.9*** (0.2)	0.5** (0.2)	1.1*** (0.2)	1.1*** (0.2)	0.4* (0.2)	1.1*** (0.2)	0.8*** (0.2)
Anxiety during residency	-0.0 (0.2)	-0.9*** (0.3)	0.0 (0.3)	-0.4 (0.2)	-1.0*** (0.3)	-0.4** (0.2)	-0.5* (0.3)
Worthwhile life during residency	2.6*** (0.4)	3.8*** (0.5)	4.3*** (0.5)	2.6*** (0.4)	4.0*** (0.5)	2.9*** (0.3)	3.2*** (0.4)
Stress during residency	-0.1 (0.2)	-0.4 (0.3)	-0.1 (0.3)	-0.1 (0.3)	0.7** (0.3)	-0.1 (0.2)	0.2 (0.3)
Future career prospects	1.5*** (0.4)	0.3 (0.4)	1.2*** (0.4)	1.8*** (0.4)	0.6 (0.5)	1.3*** (0.3)	1.3*** (0.4)
Control over life	0.0 (0.2)	0.5** (0.3)	-0.0 (0.2)	0.0 (0.2)	0.2 (0.3)	0.0 (0.2)	0.2 (0.3)
Desirable for significant other	1.2*** (0.2)	0.4 (0.2)	0.4* (0.2)	0.7*** (0.2)	0.2 (0.3)	0.8*** (0.2)	0.6*** (0.2)
# Observations	1146	1144	1146	1145	846	1143	845
# Students	294	294	294	294	286	294	286
Joint significance of differences with choice coefficients		0.000	0.000	0.002	0.000	0.000	0.010

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to women

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.1*** (0.2)	-0.3 (0.2)	0.3 (0.2)	0.3 (0.2)	-0.1 (0.4)	0.1 (0.2)	0.3 (0.2)
Social life during residency	0.7*** (0.2)	2.2*** (0.3)	1.6*** (0.3)	1.5*** (0.2)	1.7*** (0.5)	1.8*** (0.2)	1.7*** (0.3)
Desirability of location	1.0*** (0.2)	-0.0 (0.2)	0.8*** (0.2)	0.7*** (0.2)	0.3 (0.3)	0.7*** (0.2)	0.6*** (0.2)
Anxiety during residency	-0.3 (0.2)	-0.5* (0.3)	-0.5** (0.2)	-0.4* (0.2)	-1.1*** (0.4)	-0.3 (0.2)	-0.7*** (0.2)
Worthwhile life during residency	2.1*** (0.4)	3.8*** (0.5)	3.3*** (0.4)	3.8*** (0.3)	3.2*** (0.6)	3.5*** (0.3)	2.9*** (0.4)
Stress during residency	-0.1 (0.2)	-0.9*** (0.3)	-0.8*** (0.3)	-0.5** (0.2)	-0.3 (0.4)	-0.7*** (0.2)	-0.3 (0.2)
Future career prospects	1.8*** (0.3)	0.7* (0.4)	0.7** (0.4)	1.2*** (0.3)	0.8 (0.5)	1.1*** (0.3)	1.0*** (0.4)
Control over life	0.5** (0.2)	0.4 (0.3)	0.6** (0.2)	0.4* (0.2)	1.2*** (0.4)	0.4* (0.2)	1.2*** (0.2)
Desirable for significant other	1.4*** (0.2)	0.2 (0.2)	0.3* (0.2)	0.3** (0.1)	0.2 (0.2)	0.4*** (0.1)	0.3* (0.2)
# Observations	1023	1023	1023	1023	745	1023	745
# Students	263	263	263	263	254	263	254
Joint significance of differences with choice coefficients		0.000	0.000	0.000	0.000	0.000	0.000

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to above-median MCAT scores

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.8*** (0.3)	-0.1 (0.3)	0.6* (0.3)	0.4* (0.3)	-0.1 (0.4)	0.4* (0.2)	0.6** (0.3)
Social life during residency	0.7*** (0.2)	2.2*** (0.3)	1.8*** (0.3)	1.6*** (0.2)	1.9*** (0.4)	1.9*** (0.2)	1.4*** (0.3)
Desirability of location	0.9*** (0.2)	-0.1 (0.2)	0.6*** (0.2)	0.7*** (0.2)	0.3 (0.2)	0.7*** (0.2)	0.7*** (0.2)
Anxiety during residency	0.2 (0.2)	-0.8*** (0.3)	-0.2 (0.3)	-0.5** (0.2)	-1.3*** (0.4)	-0.5** (0.2)	-1.0*** (0.3)
Worthwhile life during residency	2.8*** (0.3)	3.2*** (0.5)	3.8*** (0.4)	2.9*** (0.4)	3.3*** (0.6)	3.0*** (0.3)	2.8*** (0.4)
Stress during residency	0.1 (0.2)	-0.9*** (0.3)	-0.4 (0.3)	-0.3 (0.2)	-0.0 (0.4)	-0.4* (0.2)	-0.1 (0.3)
Future career prospects	1.0*** (0.3)	0.6 (0.4)	0.6 (0.4)	1.5*** (0.4)	1.0** (0.5)	1.3*** (0.3)	1.1*** (0.4)
Control over life	0.2 (0.2)	0.8*** (0.3)	0.5* (0.3)	0.4* (0.2)	0.9*** (0.4)	0.3 (0.2)	0.9*** (0.3)
Desirable for significant other	1.3*** (0.2)	0.4** (0.2)	0.5*** (0.2)	0.6*** (0.2)	0.2 (0.2)	0.6*** (0.2)	0.4** (0.2)
# Observations	1037	1036	1037	1037	756	1036	756
# Students	264	264	264	264	256	264	256
Joint significance of differences with choice coefficients		0.000	0.000	0.000	0.000	0.000	0.000

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to below-median MCAT scores

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.0*** (0.2)	0.0 (0.3)	0.2 (0.2)	0.4* (0.2)	0.3 (0.3)	0.3* (0.2)	0.3 (0.3)
Social life during residency	0.9*** (0.2)	1.8*** (0.3)	1.3*** (0.3)	1.6*** (0.2)	1.5*** (0.4)	1.6*** (0.2)	1.8*** (0.3)
Desirability of location	0.9*** (0.2)	0.6*** (0.2)	1.3*** (0.2)	1.2*** (0.2)	0.3 (0.3)	1.2*** (0.2)	0.8*** (0.2)
Anxiety during residency	-0.4* (0.2)	-0.8*** (0.3)	-0.3 (0.3)	-0.3 (0.2)	-1.0*** (0.3)	-0.4* (0.2)	-0.4 (0.2)
Worthwhile life during residency	1.9*** (0.4)	4.3*** (0.5)	3.9*** (0.4)	3.4*** (0.4)	3.8*** (0.6)	3.3*** (0.3)	3.3*** (0.4)
Stress during residency	-0.2 (0.2)	-0.3 (0.3)	-0.4 (0.3)	-0.2 (0.2)	0.7** (0.4)	-0.2 (0.2)	0.2 (0.3)
Future career prospects	2.1*** (0.4)	0.6 (0.4)	1.3*** (0.4)	1.5*** (0.3)	0.8 (0.5)	1.3*** (0.3)	1.4*** (0.4)
Control over life	0.2 (0.2)	0.3 (0.3)	0.0 (0.3)	-0.0 (0.2)	0.4 (0.4)	0.1 (0.2)	0.5* (0.3)
Desirable for significant other	1.3*** (0.2)	0.2 (0.2)	0.3 (0.2)	0.4** (0.2)	0.2 (0.3)	0.6*** (0.2)	0.4* (0.2)
# Observations	1132	1131	1132	1131	835	1130	834
# Students	293	293	293	293	284	293	284
Joint significance of differences with choice coefficients		0.000	0.000	0.000	0.000	0.000	0.000

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to above-median age

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.3*** (0.2)	0.1 (0.3)	0.1 (0.3)	0.6** (0.3)	0.1 (0.4)	0.3 (0.2)	0.4 (0.3)
Social life during residency	0.7*** (0.2)	1.7*** (0.3)	1.6*** (0.3)	1.5*** (0.3)	1.6*** (0.3)	1.7*** (0.2)	1.6*** (0.2)
Desirability of location	0.8*** (0.2)	0.1 (0.2)	0.7*** (0.2)	0.8*** (0.2)	-0.0 (0.2)	0.7*** (0.2)	0.6*** (0.2)
Anxiety during residency	0.1 (0.2)	-1.0*** (0.3)	-0.2 (0.3)	-0.4 (0.3)	-1.1*** (0.3)	-0.5** (0.2)	-0.7*** (0.3)
Worthwhile life during residency	2.4*** (0.3)	3.2*** (0.5)	3.3*** (0.4)	2.7*** (0.4)	3.2*** (0.6)	2.9*** (0.4)	3.1*** (0.4)
Stress during residency	-0.1 (0.2)	-0.6** (0.3)	-0.4 (0.3)	-0.4 (0.3)	0.4 (0.4)	-0.4 (0.2)	0.1 (0.3)
Future career prospects	1.8*** (0.3)	0.8* (0.4)	1.9*** (0.4)	1.8*** (0.4)	1.1** (0.5)	1.6*** (0.3)	1.4*** (0.4)
Control over life	0.3 (0.2)	0.9*** (0.3)	0.2 (0.2)	0.4 (0.2)	1.1*** (0.3)	0.3 (0.2)	0.6** (0.3)
Desirable for significant other	1.3*** (0.2)	0.5** (0.2)	0.5** (0.2)	0.6*** (0.2)	0.4* (0.2)	0.7*** (0.2)	0.5*** (0.2)
# Observations	941	939	941	941	701	939	701
# Students	243	243	243	243	240	243	240
Joint significance of differences with choice coefficients		0.000	0.000	0.001	0.000	0.000	0.000

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to below-median age

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.3*** (0.3)	-0.1 (0.3)	0.7** (0.3)	0.3 (0.2)	0.2 (0.4)	0.5** (0.2)	0.5* (0.3)
Social life during residency	0.9*** (0.2)	2.2*** (0.3)	1.4*** (0.3)	1.7*** (0.2)	1.6*** (0.4)	1.8*** (0.2)	1.6*** (0.3)
Desirability of location	1.0*** (0.2)	0.4* (0.2)	1.2*** (0.2)	1.1*** (0.2)	0.9*** (0.3)	1.1*** (0.2)	0.9*** (0.2)
Anxiety during residency	-0.4 (0.2)	-0.5* (0.3)	-0.3 (0.3)	-0.3 (0.2)	-1.0*** (0.4)	-0.3 (0.2)	-0.5** (0.3)
Worthwhile life during residency	2.3*** (0.4)	4.3*** (0.5)	4.2*** (0.4)	3.4*** (0.3)	4.4*** (0.6)	3.3*** (0.3)	3.2*** (0.4)
Stress during residency	-0.0 (0.2)	-0.6** (0.3)	-0.4 (0.3)	-0.3 (0.2)	0.3 (0.4)	-0.3* (0.2)	-0.1 (0.3)
Future career prospects	1.7*** (0.4)	0.4 (0.4)	0.3 (0.4)	1.4*** (0.3)	0.5 (0.5)	1.0*** (0.3)	1.2*** (0.4)
Control over life	0.1 (0.2)	0.2 (0.3)	0.2 (0.3)	0.0 (0.2)	0.0 (0.4)	0.1 (0.2)	0.7** (0.3)
Desirable for significant other	1.4*** (0.2)	0.1 (0.2)	0.3 (0.2)	0.5*** (0.2)	-0.1 (0.3)	0.5*** (0.2)	0.3 (0.2)
# Observations	1228	1228	1228	1227	890	1227	889
# Students	314	314	314	314	300	314	300
Joint significance of differences with choice coefficients		0.000	0.000	0.000	0.000	0.000	0.000

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to respondents who refused to be re-contacted

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	2.0*** (0.5)	0.1 (0.5)	1.2** (0.6)	0.8* (0.5)	-0.3 (0.5)	1.2*** (0.4)	1.1** (0.5)
Social life during residency	0.3 (0.3)	1.2** (0.5)	0.4 (0.5)	0.6 (0.4)	1.6*** (0.6)	0.7 (0.4)	0.8* (0.5)
Desirability of location	0.7** (0.3)	0.9** (0.4)	1.4*** (0.4)	1.3*** (0.3)	0.3 (0.4)	1.4*** (0.4)	1.0** (0.4)
Anxiety during residency	-0.3 (0.3)	-1.4*** (0.5)	0.2 (0.5)	-0.7* (0.4)	-1.3** (0.6)	-0.8** (0.4)	-1.7*** (0.4)
Worthwhile life during residency	2.4*** (0.6)	3.2*** (0.7)	3.4*** (0.8)	4.0*** (0.7)	3.0*** (0.9)	2.8*** (0.6)	2.8*** (0.7)
Stress during residency	0.1 (0.4)	-1.1** (0.5)	-0.9* (0.5)	-0.5 (0.4)	-0.2 (0.5)	-0.6 (0.4)	0.2 (0.5)
Future career prospects	0.9 (0.6)	-0.0 (0.8)	0.1 (0.8)	0.3 (0.7)	1.3* (0.7)	-0.1 (0.7)	0.2 (0.8)
Control over life	0.4 (0.3)	0.6 (0.4)	-0.3 (0.4)	0.1 (0.4)	0.4 (0.5)	0.2 (0.4)	0.6 (0.5)
Desirable for significant other	2.0*** (0.4)	0.4 (0.4)	1.0** (0.5)	0.7* (0.4)	0.6 (0.5)	1.2*** (0.4)	0.7 (0.4)
# Observations	496	495	496	496	352	495	352
# Students	130	130	130	130	121	130	121
Joint significance of differences with choice coefficients		0.000	0.006	0.001	0.000	0.004	0.012

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to respondents who agreed to be re-contacted

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.1*** (0.2)	-0.0 (0.2)	0.2 (0.2)	0.3* (0.2)	0.2 (0.3)	0.2 (0.2)	0.3 (0.2)
Social life during residency	1.0*** (0.2)	2.3*** (0.3)	1.8*** (0.2)	1.9*** (0.2)	1.6*** (0.3)	2.0*** (0.2)	1.8*** (0.2)
Desirability of location	1.0*** (0.1)	0.2 (0.2)	0.9*** (0.1)	0.8*** (0.1)	0.4* (0.2)	0.8*** (0.1)	0.7*** (0.2)
Anxiety during residency	-0.0 (0.2)	-0.5** (0.2)	-0.3 (0.2)	-0.3 (0.2)	-1.0*** (0.3)	-0.3 (0.2)	-0.3 (0.2)
Worthwhile life during residency	2.4*** (0.3)	4.1*** (0.4)	3.8*** (0.3)	2.9*** (0.3)	3.8*** (0.5)	3.2*** (0.3)	3.3*** (0.3)
Stress during residency	-0.1 (0.2)	-0.5** (0.2)	-0.3 (0.2)	-0.2 (0.2)	0.5* (0.3)	-0.3* (0.2)	0.0 (0.2)
Future career prospects	2.0*** (0.3)	0.7** (0.3)	1.2*** (0.3)	1.8*** (0.3)	0.7 (0.4)	1.6*** (0.2)	1.5*** (0.3)
Control over life	0.2 (0.2)	0.5** (0.2)	0.4** (0.2)	0.2 (0.2)	0.7** (0.3)	0.2 (0.2)	0.7*** (0.2)
Desirable for significant other	1.2*** (0.1)	0.2 (0.2)	0.2 (0.1)	0.4*** (0.1)	0.1 (0.2)	0.4*** (0.1)	0.3** (0.1)
# Observations	1648	1647	1648	1647	1221	1646	1220
# Students	419	419	419	419	412	419	412
Joint significance of differences with choice coefficients		0.000	0.000	0.000	0.000	0.000	0.000

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to respondents who participated in follow-up survey

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.0*** (0.3)	-0.1 (0.3)	0.4 (0.3)	0.3 (0.3)	0.3 (0.4)	0.4 (0.3)	0.6* (0.3)
Social life during residency	1.2*** (0.3)	1.3*** (0.4)	1.0*** (0.3)	2.0*** (0.4)	1.1*** (0.4)	1.5*** (0.3)	2.0*** (0.4)
Desirability of location	0.9*** (0.2)	0.4 (0.3)	1.0*** (0.2)	1.0*** (0.3)	0.4 (0.3)	1.1*** (0.2)	0.7** (0.3)
Anxiety during residency	0.2 (0.3)	-1.0** (0.4)	-0.4 (0.4)	-0.5 (0.4)	-1.6*** (0.4)	-0.6* (0.4)	-0.8** (0.4)
Worthwhile life during residency	1.5*** (0.4)	3.6*** (0.6)	3.8*** (0.5)	2.2*** (0.5)	3.8*** (0.7)	2.5*** (0.4)	2.9*** (0.6)
Stress during residency	-0.4 (0.3)	-0.5 (0.4)	-0.5 (0.4)	-0.2 (0.4)	0.4 (0.4)	-0.3 (0.3)	0.1 (0.4)
Future career prospects	2.1*** (0.4)	0.6 (0.5)	1.1*** (0.4)	1.6*** (0.5)	0.2 (0.5)	1.4*** (0.4)	0.9* (0.5)
Control over life	0.4 (0.3)	1.3*** (0.4)	0.6 (0.3)	0.6 (0.4)	1.2*** (0.4)	0.8** (0.3)	0.8** (0.4)
Desirable for significant other	1.3*** (0.3)	0.2 (0.3)	0.3 (0.2)	0.6** (0.3)	0.0 (0.3)	0.5** (0.2)	0.2 (0.3)
# Observations	509	509	509	508	380	508	379
# Students	130	130	130	130	128	130	128
Joint significance of differences with choice coefficients		0.000	0.000	0.004	0.000	0.000	0.000

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to respondents who did not participate in follow-up survey

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.5*** (0.2)	0.1 (0.3)	0.4* (0.2)	0.5*** (0.2)	0.2 (0.3)	0.4** (0.2)	0.4* (0.2)
Social life during residency	0.7*** (0.2)	2.2*** (0.3)	1.7*** (0.2)	1.5*** (0.2)	1.8*** (0.3)	1.8*** (0.2)	1.5*** (0.2)
Desirability of location	0.9*** (0.2)	0.3 (0.2)	1.0*** (0.2)	0.9*** (0.2)	0.4* (0.2)	0.9*** (0.1)	0.8*** (0.2)
Anxiety during residency	-0.2 (0.2)	-0.7*** (0.2)	-0.2 (0.2)	-0.4** (0.2)	-1.0*** (0.3)	-0.4** (0.2)	-0.6*** (0.2)
Worthwhile life during residency	2.7*** (0.3)	4.0*** (0.4)	3.9*** (0.4)	3.5*** (0.3)	3.7*** (0.5)	3.4*** (0.3)	3.2*** (0.4)
Stress during residency	-0.0 (0.2)	-0.6** (0.2)	-0.4 (0.2)	-0.3* (0.2)	0.3 (0.3)	-0.3* (0.2)	0.0 (0.2)
Future career prospects	1.5*** (0.3)	0.5 (0.4)	0.9** (0.4)	1.4*** (0.3)	1.0** (0.5)	1.2*** (0.3)	1.4*** (0.4)
Control over life	0.2 (0.2)	0.4 (0.2)	0.2 (0.2)	0.1 (0.2)	0.3 (0.3)	0.1 (0.2)	0.6*** (0.2)
Desirable for significant other	1.4*** (0.2)	0.3* (0.2)	0.3** (0.2)	0.5*** (0.1)	0.3 (0.2)	0.6*** (0.1)	0.5*** (0.2)
# Observations	1660	1658	1660	1660	1211	1658	1211
# Students	427	427	427	427	412	427	412
Joint significance of differences with choice coefficients		0.000	0.000	0.000	0.000	0.000	0.000

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to respondents who did not participate in the dual match

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.3*** (0.2)	0.0 (0.2)	0.4* (0.2)	0.4** (0.2)	0.1 (0.3)	0.4*** (0.2)	0.5** (0.2)
Social life during residency	0.8*** (0.2)	1.9*** (0.2)	1.5*** (0.2)	1.6*** (0.2)	1.6*** (0.3)	1.7*** (0.2)	1.6*** (0.2)
Desirability of location	0.9*** (0.1)	0.3* (0.2)	0.9*** (0.1)	0.9*** (0.1)	0.4** (0.2)	0.9*** (0.1)	0.8*** (0.1)
Anxiety during residency	-0.1 (0.2)	-0.8*** (0.2)	-0.2 (0.2)	-0.4** (0.2)	-1.1*** (0.2)	-0.4** (0.2)	-0.6*** (0.2)
Worthwhile life during residency	2.4*** (0.3)	4.0*** (0.3)	4.0*** (0.3)	3.3*** (0.3)	3.8*** (0.4)	3.3*** (0.2)	3.2*** (0.3)
Stress during residency	-0.1 (0.2)	-0.6*** (0.2)	-0.5** (0.2)	-0.3* (0.2)	0.3 (0.3)	-0.4** (0.2)	-0.0 (0.2)
Future career prospects	1.8*** (0.3)	0.5* (0.3)	1.0*** (0.3)	1.4*** (0.3)	0.9** (0.4)	1.1*** (0.2)	1.2*** (0.3)
Control over life	0.2 (0.2)	0.5*** (0.2)	0.2 (0.2)	0.2 (0.2)	0.6** (0.3)	0.2 (0.1)	0.7*** (0.2)
Desirable for significant other	1.4*** (0.1)	0.3** (0.2)	0.4** (0.1)	0.5*** (0.1)	0.2 (0.2)	0.6*** (0.1)	0.4*** (0.2)
# Observations	2028	2026	2028	2027	1492	2025	1491
# Students	520	520	520	520	506	520	506
Joint significance of differences with choice coefficients		0.000	0.000	0.000	0.000	0.000	0.000

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to respondents who did not report manipulation attempts by the school

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.3*** (0.2)	0.0 (0.2)	0.4* (0.2)	0.5*** (0.2)	0.2 (0.3)	0.4*** (0.2)	0.6*** (0.2)
Social life during residency	0.8*** (0.2)	2.1*** (0.2)	1.5*** (0.2)	1.6*** (0.2)	1.6*** (0.3)	1.8*** (0.2)	1.6*** (0.2)
Desirability of location	0.9*** (0.1)	0.3* (0.2)	1.0*** (0.1)	0.9*** (0.1)	0.4* (0.2)	0.9*** (0.1)	0.8*** (0.1)
Anxiety during residency	-0.2 (0.2)	-0.8*** (0.2)	-0.2 (0.2)	-0.4*** (0.2)	-1.1*** (0.2)	-0.4*** (0.2)	-0.6*** (0.2)
Worthwhile life during residency	2.3*** (0.3)	3.9*** (0.3)	3.9*** (0.3)	3.2*** (0.3)	3.7*** (0.4)	3.2*** (0.2)	3.2*** (0.3)
Stress during residency	-0.1 (0.2)	-0.6*** (0.2)	-0.5** (0.2)	-0.3 (0.2)	0.4 (0.3)	-0.4** (0.2)	-0.0 (0.2)
Future career prospects	1.7*** (0.3)	0.5 (0.3)	1.0*** (0.3)	1.4*** (0.3)	0.8** (0.4)	1.2*** (0.2)	1.2*** (0.3)
Control over life	0.2 (0.2)	0.6*** (0.2)	0.2 (0.2)	0.2 (0.2)	0.6** (0.3)	0.2 (0.1)	0.7*** (0.2)
Desirable for significant other	1.4*** (0.1)	0.3* (0.2)	0.4*** (0.1)	0.5*** (0.1)	0.2 (0.2)	0.5*** (0.1)	0.4*** (0.1)
# Observations	2098	2096	2098	2097	1540	2095	1539
# Students	538	538	538	538	523	538	523
Joint significance of differences with choice coefficients		0.000	0.000	0.000	0.000	0.000	0.000

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to respondents who felt their NRMP choice order represented their true preferences

	(1) Choice	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	1.3*** (0.2)	0.1 (0.2)	0.6*** (0.2)	0.4** (0.2)	0.3 (0.3)	0.4*** (0.2)	0.5** (0.2)
Social life during residency	0.9*** (0.2)	2.1*** (0.2)	1.8*** (0.2)	1.7*** (0.2)	1.8*** (0.3)	1.9*** (0.2)	1.8*** (0.2)
Desirability of location	0.9*** (0.1)	0.3* (0.2)	0.9*** (0.2)	1.0*** (0.2)	0.3 (0.2)	0.9*** (0.1)	0.7*** (0.2)
Anxiety during residency	-0.1 (0.2)	-0.6*** (0.2)	-0.2 (0.2)	-0.3 (0.2)	-1.0*** (0.3)	-0.3* (0.2)	-0.5*** (0.2)
Worthwhile life during residency	2.5*** (0.3)	4.0*** (0.4)	3.6*** (0.3)	3.2*** (0.3)	3.7*** (0.5)	3.1*** (0.3)	3.2*** (0.3)
Stress during residency	-0.2 (0.2)	-0.7*** (0.2)	-0.4* (0.2)	-0.3* (0.2)	0.4 (0.3)	-0.4** (0.2)	0.0 (0.2)
Future career prospects	1.8*** (0.3)	0.3 (0.3)	0.8*** (0.3)	1.4*** (0.3)	0.6 (0.4)	1.1*** (0.2)	1.2*** (0.3)
Control over life	0.3* (0.2)	0.5** (0.2)	0.5** (0.2)	0.2 (0.2)	0.6* (0.3)	0.4** (0.2)	0.8*** (0.2)
Desirable for significant other	1.1*** (0.1)	0.4** (0.2)	0.3 (0.2)	0.5*** (0.2)	0.3 (0.2)	0.6*** (0.1)	0.4** (0.2)
# Observations	1797	1797	1797	1796	1323	1796	1322
# Students	461	461	461	461	448	461	448
Joint significance of differences with choice coefficients		0.000	0.000	0.000	0.000	0.000	0.000

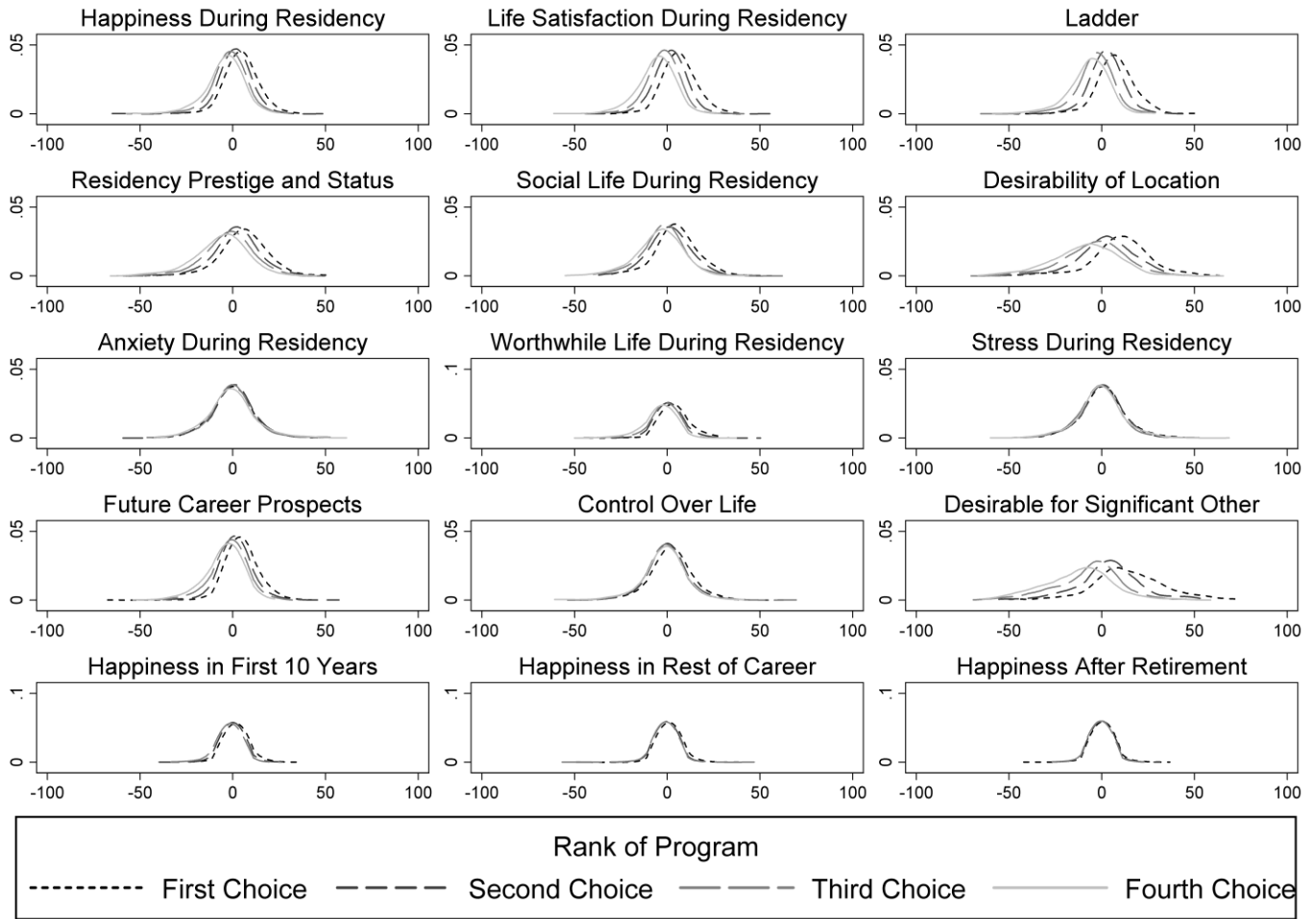
Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Table 3 restricted to respondents who did not feel that their NRMP choice order represented their true preferences, using their reported true preferences

	(1) Reported True Preferences	(2) Happiness during residency	(3) Life satisfaction during residency	(4) Ladder	(5) 4-period- happiness index	(6) 3-SWB- measure index	(7) 6-SWB- question index
Residency prestige and status	2.5*** (0.7)	-0.5 (0.4)	-0.2 (0.4)	0.6 (0.4)	-0.6 (0.5)	0.1 (0.4)	0.5 (0.5)
Social life during residency	0.9** (0.4)	1.8*** (0.5)	0.2 (0.4)	1.2*** (0.4)	1.1** (0.4)	1.2*** (0.4)	1.0** (0.5)
Desirability of location	1.1*** (0.3)	0.1 (0.3)	1.1*** (0.3)	0.8*** (0.3)	0.3 (0.3)	1.0*** (0.3)	1.0*** (0.3)
Anxiety during residency	-0.7 (0.5)	-1.3*** (0.4)	-0.5 (0.4)	-0.9** (0.4)	-1.2*** (0.4)	-1.0** (0.4)	-1.0** (0.4)
Worthwhile life during residency	1.8*** (0.7)	3.1*** (0.7)	4.4*** (0.8)	2.9*** (0.6)	2.9*** (0.8)	3.0*** (0.6)	3.0*** (0.7)
Stress during residency	0.2 (0.5)	-0.3 (0.4)	-0.4 (0.4)	-0.1 (0.4)	0.1 (0.4)	-0.1 (0.4)	-0.2 (0.4)
Future career prospects	0.4 (0.8)	1.4** (0.6)	1.2** (0.6)	1.8*** (0.6)	2.0*** (0.6)	1.9*** (0.6)	1.7** (0.7)
Control over life	-0.7* (0.4)	0.5 (0.4)	-0.4 (0.3)	0.2 (0.3)	0.7* (0.4)	-0.2 (0.3)	0.2 (0.4)
Desirable for significant other	-0.6** (0.3)	0.0 (0.3)	0.7*** (0.3)	0.5* (0.3)	0.0 (0.3)	0.6** (0.2)	0.5 (0.3)
# Observations	339	370	372	372	268	370	268
# Students	88	96	96	96	92	96	92
Joint significance of differences with choice coefficients		0.000	0.000	0.001	0.000	0.000	0.001

Notes: This table replicates table 3 with the sample restriction indicated in the table title. * $p < .1$, ** $p < .05$, *** $p < .01$

Appendix Figure A1: Distributions of Variables by Program Rank, Demeaned at Respondent Level



Notes: Kernel density plots of residency attributes by preference order. (Epanechnikov; Bandwidth 5.) Based on the 561 respondents in the main sample.