

Online Appendix

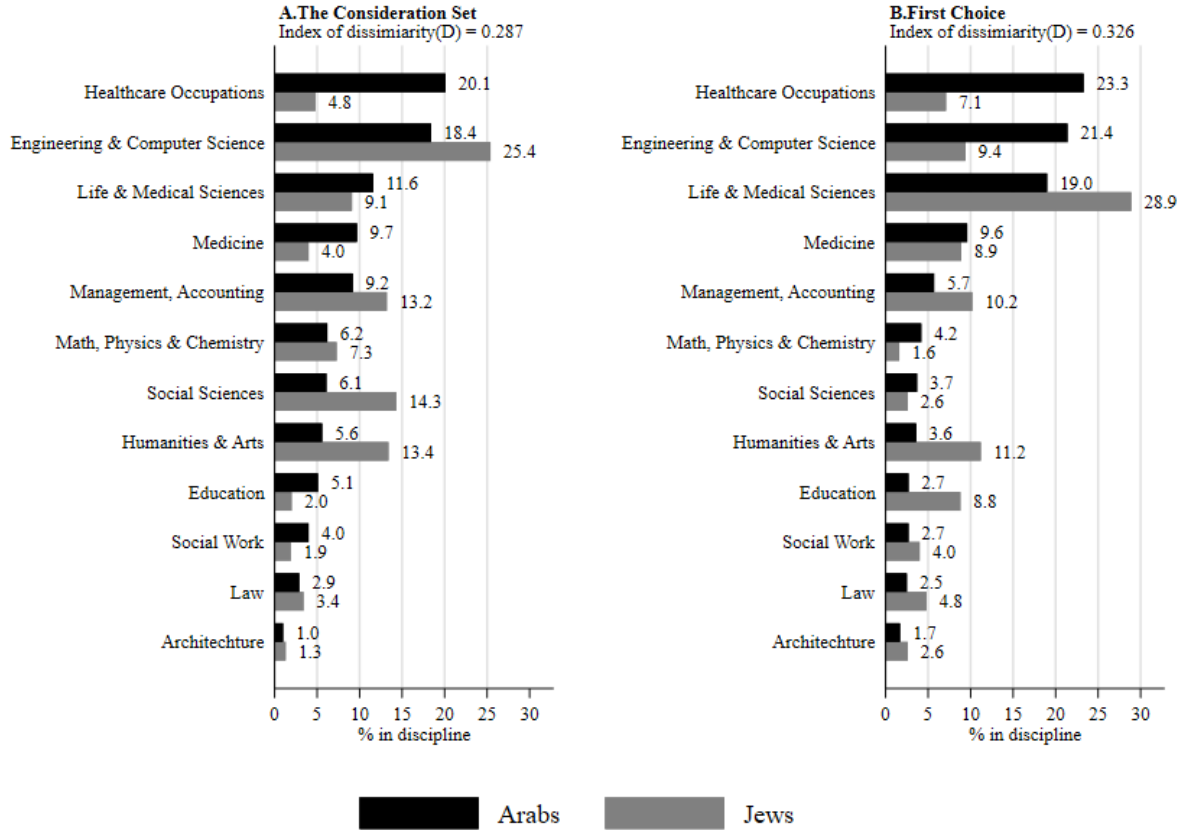
**Segregation, Choices, and Educational Inequality: Evidence from Revealed Choice Data**

Dafna Gelbgiser and Sigal Alon

**Table A1: Coefficients from logit models predicting overall admission decisions, and admission to first choice major. Applicants to leading Israeli universities (inc. fixed-effects for university and year)**

Outcome:	Admission to the university (overall)					Admission to first choice				
Model #	1	2	3	4	5	6	7	8	9	10
Matched on:	Unmatched	Applicant-program match (mean)	Academic composite	Academic composite	Applicant-program match (mean)	Unmatched	Applicant-program match	Academic composite	Academic composite	Applicant-program match
Arab	-1.17** (0.015)	-0.66** (0.016)	-0.86** (0.016)	-0.81** (0.017)	-0.42** (0.019)	-1.38** (0.018)	-0.81** (0.018)	-1.20** (0.018)	-1.12** (0.020)	-0.68** (0.021)
Basic composite (in percentile rank)					0.01** (0.001)					0.02** (0.001)
Matriculation diploma grade					0.01** (0.002)					-0.02** (0.002)
Psychometric score					0.00** (0.000)					0.00** (0.000)
No engineering advantage: Engineering v. Basic composite					0.09** (0.023)					0.03 (0.024)
No engineering composite					0.62** (0.025)					0.46** (0.025)
No medicine advantage: Medicine v. Basic composite					-0.02 (0.019)					-0.06** (0.019)
No medicine composite					1.13** (0.042)					1.23** (0.045)
Average applicant-program match (across all options)				0.05** (0.001)						
Applicant-program match of first choice				0.01** (0.001)					0.06** (0.000)	
Constant	0.42** (0.019)	-0.26** (0.026)	0.04 (0.027)	0.52** (0.028)	-4.33** (0.203)	-0.19** (0.018)	-0.89** (0.023)	-0.50** (0.023)	-0.02 (0.023)	-0.77** (0.193)
Observations	210,624	204,271	209,950	209,950	204,271	210,624	203,509	209,950	209,950	203,509
% Gap in admission (obtained from Model 1 & 6) explained:		41	24	44	65		46	14	37	56

**Figure A1: Distribution of disciplines in Arab and Jewish applicants' consideration set and first choice**

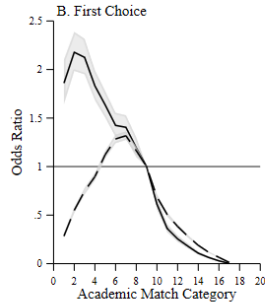
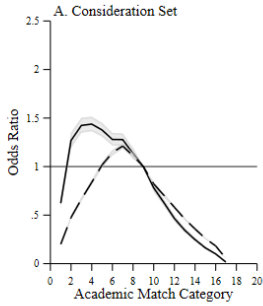


Source: Applicants to four leading universities in Israel, 1999-2008

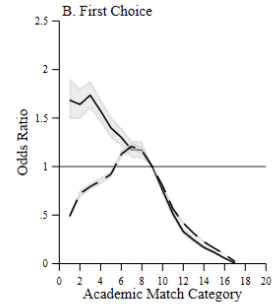
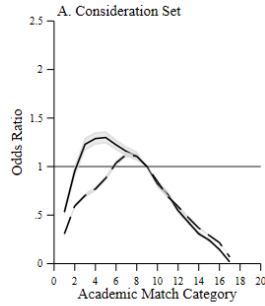
Notes: Percentages are within each group

**Figure A2: Replication of Figure 1, estimated with one university excluded from each consideration set and first choice**

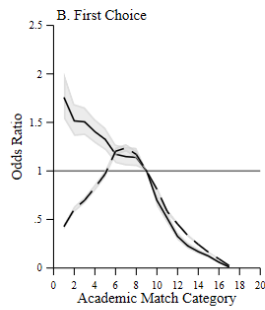
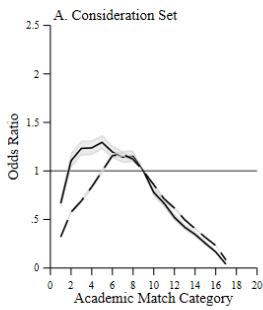
**1. All except TAU**



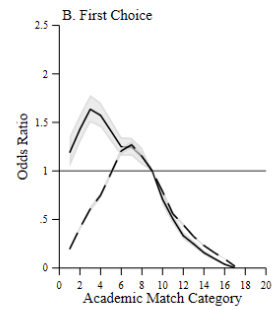
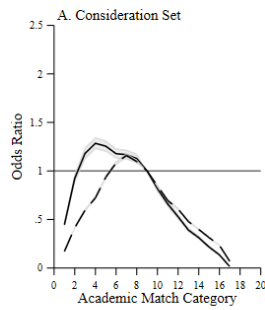
**2. All except BGU**



**3. All except HUJI**

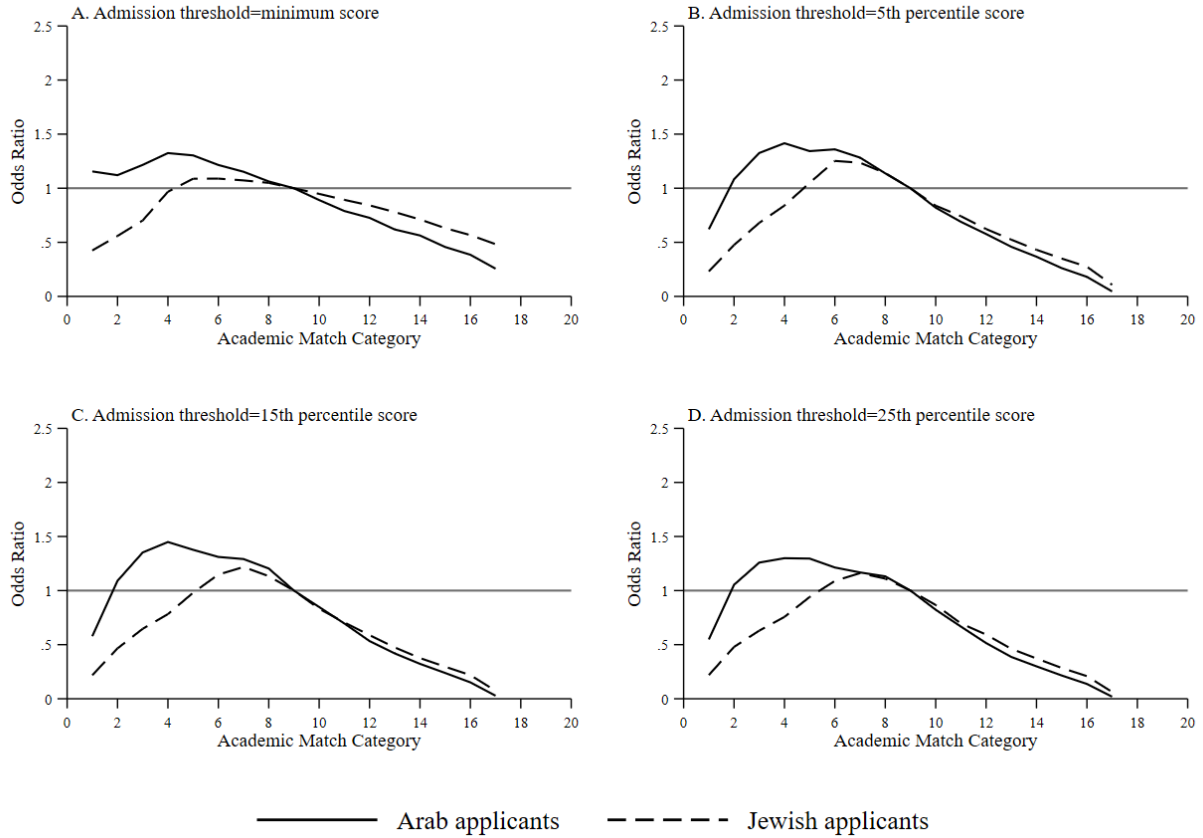


**4. All except TECH**

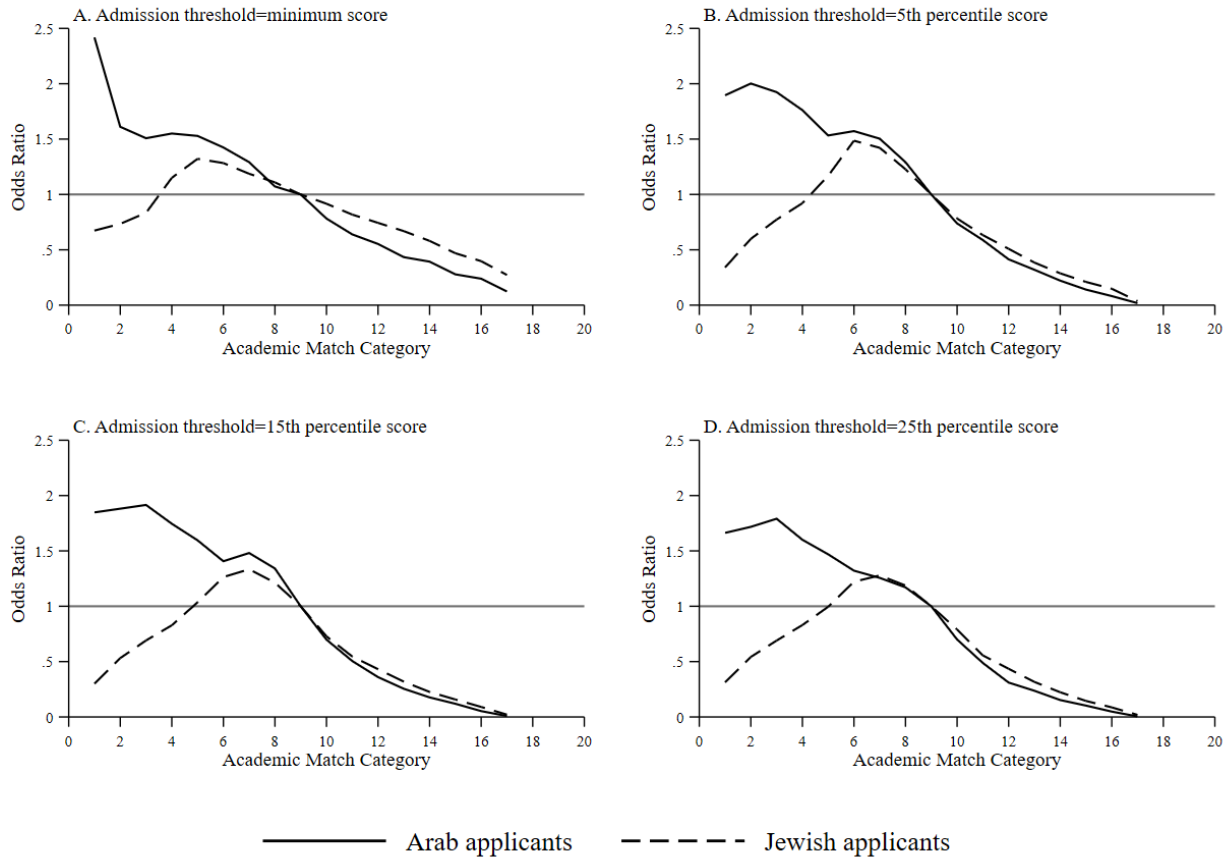


———— Arab applicants      - - - - Jewish applicants

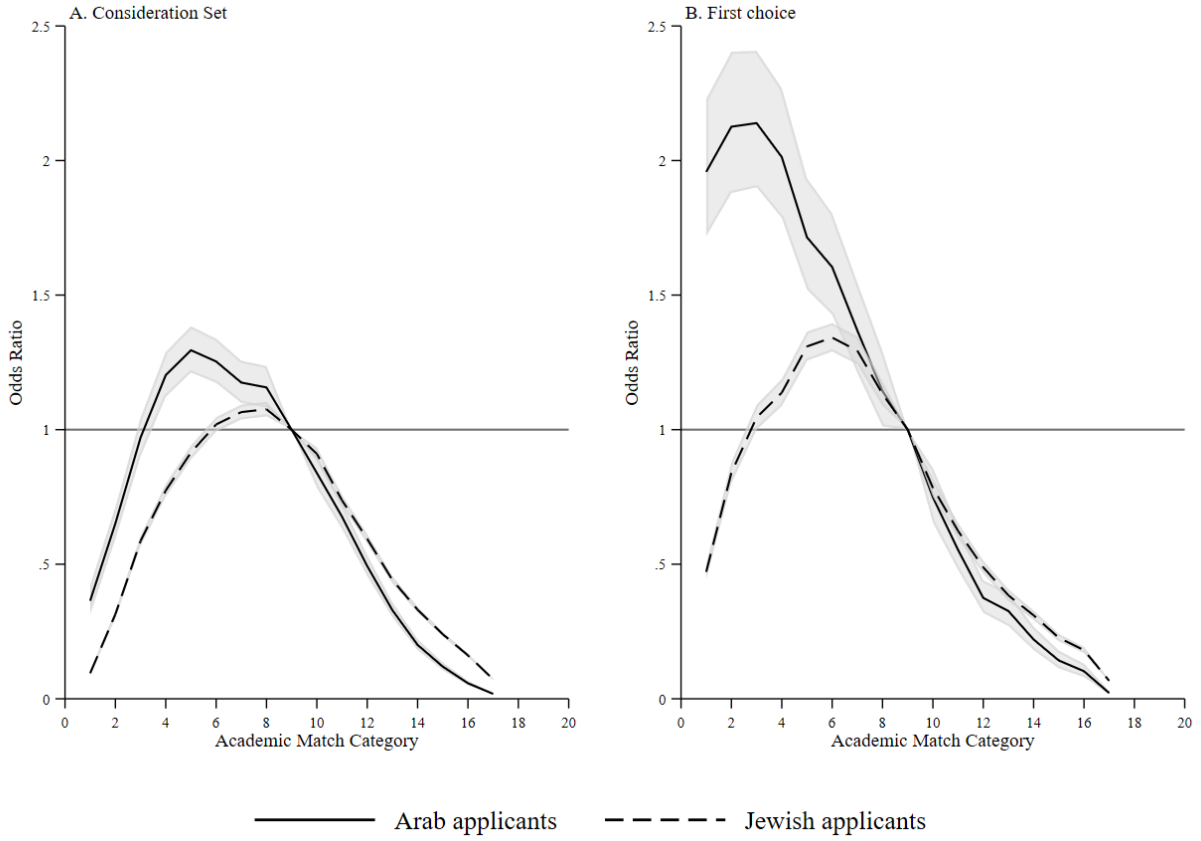
**Figure A3: Replication of Figure 1, estimated with different specifications of programs' admission threshold, consideration set**



**Figure A4: Replication of Figure 1, estimated with different specifications of programs' admission threshold, first choice**



**Figure A5: Replication of Figure 1, estimated only for applicants whose composite scores are in the 25<sup>th</sup>-75<sup>th</sup> percentile at each university**



**Table A2: Coarsened Exact Matching (CEM) procedures used on composite score, academic match of first choice, and average academic match in the consideration set**

	Arab applicants	Jewish applicants, Unmatched sample	Jewish applicants, matched sample	Arab-Jewish applicants differences without matching	Arab-Jewish applicants differences with matching
<i>Matching criteria: Academic preparation (composite score)</i>					
Mean	42.631	51.440	42.634	-8.808	-0.002
SD	31.571	28.667	31.567	2.904	0.004
N	23,529	187,095	186,421		
<i>Matching criteria: Academic match of the first choice</i>					
Mean	-14.589	-1.003	-14.380	-13.586	-0.209
SD	25.248	25.069	24.977	0.179	0.271
N	23,529	187,095	180,044		
<i>Matching criteria: Average academic match in the consideration set</i>					
Mean	-8.711	2.524	-8.593	-11.235	-0.118
SD	23.348	23.944	23.181	-0.596	0.167
N	23,529	187,095	180,785		

*Source:* Applicants to four leading universities in Israel, 1999-2008

*Notes:* Matching includes application year and institution. Matching on academic preparation is relevant to Figures 1, 2, and 3 and Table 3. Matching on academic match of first choice and average match in the consideration set is relevant to the results presented in Table 3.