

**Online Appendix for Self-Employment Differentials among Foreign-Born STEM
and Non-STEM Workers**

**This will be available from the authors' websites for at least five years after
publication. We provide specific details in the acknowledgements on the title page.
(This is included for peer review but not intended for *Journal* publication.)**

Online Appendix Table 1 presents the results for individual control variables of Table 3. The estimated coefficients for MSA dummies are omitted given the very large number.

Online Appendix Table 1: Self-Employment Differentials between STEM and Non-STEM College Graduates

	(1)	(2)	(3)
STEM	-0.0375*** (0.0036)	-0.0326*** (0.0032)	-0.0311*** (0.0030)
Master's Degree	-0.0164*** (0.0036)	-0.0060** (0.0029)	-0.0046* (0.0026)
Professional Degree	0.0676*** (0.0062)	0.0798*** (0.0055)	0.0803*** (0.0056)
Doctoral Degree	-0.0377*** (0.0047)	-0.0176*** (0.0046)	-0.0144*** (0.0053)
Age	-0.0375 (0.0400)	-0.0435 (0.0382)	-0.0433 (0.0371)
Age^2	0.0013 (0.0015)	0.0016 (0.0014)	0.0015 (0.0014)
Age^3	-0.0000 (0.0000)	-0.0000 (0.0000)	-0.0000 (0.0000)
Age^4	0.0000 (0.0000)	0.0000 (0.0000)	0.0000 (0.0000)
Female	-0.0406*** (0.0036)	-0.0378*** (0.0039)	-0.0370*** (0.0040)
Married	-0.0052 (0.0056)	-0.0021 (0.0054)	-0.0011 (0.0055)
Married * Female	0.0093 (0.0067)	0.0088 (0.0068)	0.0087 (0.0069)
Canada	-0.0008 (0.0439)	0.0158 (0.0469)	0.0253 (0.0485)
Mexico	-0.0166 (0.0437)	-0.0060 (0.0469)	-0.0067 (0.0488)
Rest of Americas	-0.0242 (0.0438)	-0.0097 (0.0466)	-0.0038 (0.0474)
Western Europe	-0.0040 (0.0426)	0.0134 (0.0459)	0.0236 (0.0475)
Eastern Europe	0.0155 (0.0426)	0.0238 (0.0462)	0.0373 (0.0480)
China	-0.0130 (0.0428)	0.0060 (0.0460)	0.0161 (0.0481)
Japan	-0.0169 (0.0448)	0.0057 (0.0479)	0.0155 (0.0502)
Korea	0.0320 (0.0425)	0.0479 (0.0458)	0.0546 (0.0478)

Philippines	-0.0725*	-0.0523	-0.0475
	(0.0429)	(0.0461)	(0.0486)
India	-0.0175	-0.0086	0.0067
	(0.0430)	(0.0466)	(0.0482)
Rest of Asia	0.0054	0.0189	0.0275
	(0.0409)	(0.0447)	(0.0470)
Africa	-0.0195	-0.0011	0.0157
	(0.0427)	(0.0460)	(0.0477)
Oceania	-0.0174	-0.0015	0.0031
	(0.0436)	(0.0467)	(0.0482)
Naturalized citizen	-0.0083**	-0.0036	-0.0060*
	(0.0036)	(0.0036)	(0.0034)
Has Children	0.0015	0.0019	0.0030
	(0.0039)	(0.0036)	(0.0038)
Years in U.S. 6-10	0.0138***	0.0107***	0.0096**
	(0.0041)	(0.0040)	(0.0040)
Years in U.S. 11-15	0.0192***	0.0163***	0.0164***
	(0.0040)	(0.0039)	(0.0041)
Years in U.S. 16-20	0.0195***	0.0179***	0.0180***
	(0.0064)	(0.0065)	(0.0068)
Years in U.S. 20+	0.0234***	0.0261***	0.0250***
	(0.0050)	(0.0046)	(0.0042)
Speaks only English	-0.0041	0.0174	0.0247
	(0.0154)	(0.0162)	(0.0157)
Speaks English very well	-0.0017	0.0187	0.0232
	(0.0144)	(0.0151)	(0.0145)
Speaks English well	0.0141	0.0280*	0.0319**
	(0.0159)	(0.0164)	(0.0158)
Speaks English not well	0.0437**	0.0449**	0.0467***
	(0.0173)	(0.0178)	(0.0174)
Mining		-0.2186***	-0.2152***
		(0.0252)	(0.0247)
Construction		-0.0112	-0.0127
		(0.0279)	(0.0276)
Manufacturing		-0.2168***	-0.2160***
		(0.0259)	(0.0255)
Transportation, communications, and other public utilities		-0.1355***	-0.1361***
		(0.0251)	(0.0250)
Wholesale trade		-0.1224***	-0.1262***
		(0.0273)	(0.0267)
Retail trade		-0.1099***	-0.1104***
		(0.0268)	(0.0265)
Finance, insurance, and real estate		-0.1439***	-0.1429***
		(0.0308)	(0.0304)

Business and repair services		-0.1093*** (0.0276)	-0.1087*** (0.0275)
Personal services		0.0418 (0.0321)	0.0406 (0.0316)
Entertainment and recreation services		-0.0694** (0.0318)	-0.0747** (0.0297)
Professional and related services		-0.1593*** (0.0255)	-0.1588*** (0.0251)
Public administration		-0.2584*** (0.0260)	-0.2576*** (0.0257)
Active duty military		-0.2354*** (0.0260)	-0.2293*** (0.0259)
Constant	0.4182 (0.3922)	0.5756 (0.3804)	0.5554 (0.3693)
MSA dummies	No	No	Yes

Notes: The dependent variable is an indicator equal to one if self-employed and zero otherwise. The omitted industry group is Agriculture, forestry, and fisheries. Standard errors in parentheses are robust to heteroscedasticity and clustered by MSA.

* Denotes significance at the 10% level; ** significance at the 5% level; *** significance at the 1% level.

Online Appendix Table 2 lists the majors in STEM fields.

Online Appendix Table 2: Majors in STEM Fields

CODE	Major
1103	Animal Sciences
1104	Food Science
1105	Plant Science and Agronomy
1106	Soil Science
1301	Environmental Science
1302	Forestry
2001	Communication Technologies
2100	Computer and Information Systems
2101	Computer Programming and Data Processing
2102	Computer Science
2105	Information Sciences
2106	Computer Information Management and Security
2107	Computer Networking and Telecommunications
2400	General Engineering
2401	Aerospace Engineering
2402	Biological Engineering
2403	Architectural Engineering
2404	Biomedical Engineering
2405	Chemical Engineering
2406	Civil Engineering
2407	Computer Engineering
2408	Electrical Engineering
2409	Engineering Mechanics, Physics, and Science
2410	Environmental Engineering
2411	Geological and Geophysical Engineering
2412	Industrial and Manufacturing Engineering
2413	Materials Engineering and Materials Science
2414	Mechanical Engineering
2415	Metallurgical Engineering
2416	Mining and Mineral Engineering
2417	Naval Architecture and Marine Engineering
2418	Nuclear Engineering
2419	Petroleum Engineering
2499	Miscellaneous Engineering
2500	Engineering Technologies
2501	Engineering and Industrial Management
2502	Electrical Engineering Technology
2503	Industrial Production Technologies

2504	Mechanical Engineering Related Technologies
2599	Miscellaneous Engineering Technologies
3600	Biology
3601	Biochemical Sciences
3602	Botany
3603	Molecular Biology
3604	Ecology
3605	Genetics
3606	Microbiology
3607	Pharmacology
3608	Physiology
3609	Zoology
3611	Neuroscience
3699	Miscellaneous Biology
3700	Mathematics
3701	Applied Mathematics
3702	Statistics and Decision Science
3801	Military Technologies
4002	Nutrition Sciences
4005	Mathematics and Computer Science
4006	Cognitive Science and Biopsychology
5000	Physical Sciences
5001	Astronomy and Astrophysics
5002	Atmospheric Sciences and Meteorology
5003	Chemistry
5004	Geology and Earth Science
5005	Geosciences
5006	Oceanography
5007	Physics
5008	Materials Science
5098	Multi-disciplinary or General Science
5102	Nuclear, Industrial Radiology, and Biological Technologies
5901	Transportation Sciences and Technologies
6106	Health and Medical Preparatory Programs
6108	Pharmacy, Pharmaceutical Sciences, and Administration
6202	Actuarial Science
6212	Management Information Systems and Statistics
