

Appendix

ESM A1: Characteristics of included studies

ESM A2: Tests of bivariate heterogeneity

ESM A1: Characteristics of included studies

No	Study	N	Type of respondents	Country
1	Ahmed et al. (2020)	348	Non-business students	Pakistan
2	Almeida et al. (2019)	27	Business students	Portugal
		48	Business students	
3	Almobaireek & Manolova (2012)	921	Non-business students	Saudi Arabia
4	Aloulou (2016)	177	Business students	Saudi Arabia
5	Appiah-Nimo et al. (2018)	1,200	Non-business students	Ghana
6	Arenius & Minniti (2005)	51,721	Probability-based population sample	28 countries (Argentina, Australia, Belgium, Canada, Chile, Croatia, Denmark, Finland, France, Germany, Hong Kong, Hungary, Israel, Japan, Korea, Mexico, Netherlands, Norway, Poland, Russia, Singapore, Switzerland, Slovenia, South Africa, Sweden, Thailand, UK, United States)
7	Arshad et al. (2016)	495	Business students	South Asia
8	Autio et al. (2001)	3,445	Non-business students	Finland, Sweden, United States
9	Ayob et al. (2013)	257	Business students	Malaysia
10	Bacq & Alt (2018)	281	Non-business students	United States
11	BarNir et al. (2011)	393	Business students	United States
12	Basu (2010)	231	Non-business students	United States
13	Basu & Virick (2008)	122	Business students	United States

No	Study	N	Type of respondents	Country
14	Baughn et al. (2006)	782	Business students	China, Vietnam, Philippines
15	Bullough et al. (2013)	271	Convenience sample	Afghanistan
16	Camelo-Ordaz et al. (2016)	21,697	Probability-based population sample	Spain
17	Carey et al. (2010)	169	Business students	United States
18	Carr & Sequeira (2007)	308	Probability-based population sample	United States
19	Cavazos-Arroyo et al. (2017)	745	Convenience sample	Mexico
20	Chen et al. (1998)	140	Business students	United States
21	Chen et al. (2014)	350	Non-business students	Bangladesh
22	Chengalvala & Rentala (2017)	150	Non-business students	India
23	Crant (1996)	181	Business students	United States
24	De Clercq et al. (2013)	946	Non-business students	Canada
25	Decker et al. (2012)	424	Business students	United States
26	Devonish, et al. (2010)	376	Business students	America
27	Doanh & Bernat (2019)	2,218	Non-business students	Vietnam
28	Drennan & Saleh (2008)	378	Business students	Bangladesh
29	Farmer et al. (2009)	167	Convenience sample	United States
		222	Convenience sample	
		174	Convenience sample	
30	Fellnhöfer & Müller (2018)	266	Non-business students	Austria, Finland, Greece
31	Fitzsimmons & Douglas (2010)	409	Business students	Australia, China, India, Thailand
32	Forster & Grichnik (2013)	159	Convenience sample	NA**
33	Garg et al. (2011)	17	Non-business students	Botswana
		56	Convenience sample	
		12	Non-business students	
34	Gird & Bagraim (2008)	227	Business students	South Africa
35	Godsey & Sebor (2010)	84	Convenience sample	United States

No	Study	N	Type of respondents	Country
36	Goethner et al. (2012)	496	Convenience sample	Germany
37	González-Serrano et al. (2018)	54	Non-business students	Spain
38	Gorgievski et al. (2017)	823	Non-business students	Germany, Poland, Spain, Netherlands
39	Gupta et al. (2009)	345	Business students	United States, India, Turkey
40	Herman (2019)	138	Non-business students	Romania
41	Heuer & Kolvereid (2014)	807	Business students	Belgium
		261	Convenience sample	
42	Hmielecki & Corbett (2006)	430	Business students	Russia, Asia, Spain, Africa, United States
43	Hockerts (2015)	257	Business students	Scandinavia, United States
44	Hui-Chen et al. (2014)	258	Non-business students	Taiwan
45	Iakovleva & Kolvereid (2009)	317	Business students	Russia
46	Iakovleva & Solesvik (2014)	427	Non-business students	Russia, Ukraine
47	Ibrahim, Abou, Afifi (2019)	384	Non-business students	Sudan
48	Iqbal et al. (2012)	292	Business students	Saudi Arabia
49	Izquierdo & Buelens (2011)	236	Business students	Spain
50	Joensuu et al. (2013)	296	Non-business students	Finland
51	Karimi (2019)	250	Non-business students	Iran
52	Karimi et al. (2014)	331	Business students	Iran
53	Karimi et al. (2014)	205	Business students	Iran
54	Kautonen et al. (2009)	496	Convenience sample	Finland
55	Kautonen et al. (2013)	969	Probability-based population sample	Finland, Austria
56	Kibler (2013)	834	Probability-based population sample	Finland
57	Kolvereid (1996)	128	Business students	Norway
58	Kolvereid & Isaksen (2006)	297	Convenience sample	Norway
59	Kristiansen & Indarti (2004)	130	Business students	Indonesia, Norway

No	Study	N	Type of respondents	Country
		121	Business students	
60	Krueger et al. (2000)	97	Business students	United States
61	Kuckertz & Wagner (2009)	712	Convenience sample	Germany
62	Laguía, A., Moriano, J. A., & Gorgievski, M. (2018)	559	Non-business students	Spain
63	Laspita et al. (2012)	43,764	Non-business students	19 countries (GUESS) 15 countries (GLOBE: Switzerland, Germany, Austria, France, Ireland, Finland, Hungary, New Zealand, Australia, Republic of South Africa, Singapore, Mexico, Greece, Portugal, and Indonesia)
64	Lechuga Sancho, et al. (2018)	654	Non-business students	Spain
65	Lee & Wong (2004)	959	Convenience sample	Singapore
66	Lee et al. (2011)	4,364	Convenience sample	Singapore
67	Leffel & Darling (2009)	29	Business students	Norway
68	Leroy et al. (2009)	423	Business students	Belgium
69	Lheureux & Auzoult (2017)	216	Non-business students	France
70	Linan & Chen (2009)	310	Business students	Spain
71	Lo et al. (2012)	411	Non-business students	Hong Kong
72	Maes et al. (2014)	437	Business students	Belgium
73	Maresch et al. (2016)	3,581	Non-business students	Austria
74	McKenna et al. (2016)	204	Convenience sample	Iran
75	Mei et al. (2015)	267	Non-business students	China
76	Miranda et al. (2017)	1,178	Non-business students	Spain

No	Study	N	Type of respondents	Country
77	Moriano et al. (2011)	217	Non-business students	Germany
		86	Non-business students	
		114	Non-business students	
78	Mwiya at al. (2017)	306	Non-business students	Zambia
79	Naia et al. (2017)	379	Non-business students	Portugal
80	Neneh (2019)	277	Non-business students	South Africa
81	Obschonka et al. (2014)	448	Convenience sample	Germany
82	Plant & Ren (2010)	181	Business students	China, United States
83	Rittippant et al. (2011)	1,500	Business students	Thailand
84	Robledo et al. (2015)	180	Business students	Spain
85	Sahinidis et al. (2012)	354	Business students	Greece
86	Santos et al. (2014)	516	Business students	UK, Spain
87	Segal et al. (2005)	114	Business students	United States
88	Shinnar et al. (2014)	187	Business students	United States
89	Shirokova et al. (2016)	70,164	Non-business students	34 countries (NA**)
90	Shneor & Jenssen (2014)	1,728	Non-business students	Norway
91	Shook & Bratianu (2008)	302	Business students	Romania
92	Siu & Lo (2011)	204	Business students	China
93	Solesvik (2013)	321	Business students	Ukraine
94	Souitaris et al. (2007)	250	Non-business students	UK, France
95	Thelken, De Jong (2020)	407	Non-business students	Germany, Netherland
96	Thompson (2009)	100	Business students	Thailand, Burma, United States, Mexico, Vietnam, Southeast Asian countries, North-east Asian countries, European
97	Tiwari et al. (2017a)	230	Non-business students	India

No	Study	N	Type of respondents	Country
98	Tiwari et al. (2017b)	550	Non-business students	India
99	Tkachev & Kolvereid (1999)	512	Business students	Russia
100	Urbig et al. (2012)	87	Convenience sample	The Netherlands
101	Van Gelderen et al. (2008)	1,235	Business students	Netherlands
102	Van Gelderen et al. (2015)	161	Probability-based population sample	Finland
103	Varamäki et al. (2015)	197	Non-business students	Finland
104	Venkatapathy & Pretheeba (2014)	176	Non-business students	India
105	Walter & Dohse (2009)	1,949	Non-business students	Germany
106	Wang et al. (2002)	7,844	Business students	Singapore
107	Wang et al. (2011)	399	Non-business students	China, United States
108	Westhead & Solesvik (2016)	189	Business students	Ukraine
109	Wilson et al. (2007)	4,292	Non-business students	United States
		933		
110	Wurthmann (2013)	314	Business students	United States
111	Xu et al. (2016)	1,018	Non-business students	China
112	Yang (2013)	1,330	Non-business students	China
113	Yordanova & Tarrazon (2010)	366	Business students	Bulgaria
114	Zampetakis et al. (2017)	1,800	Convenience sample	Greece
115	Zampetakis, L. A. (2008)	199	Non-business students	Greece
116	Zapkau et al. (2015)	374	Convenience sample	Germany
117	Zellweger et al. (2010)	5,363	Non-business students	Austria, Belgium, Finland,
			Convenience sample	Germany, Hungary, New Zealand, Norway, Switzerland
118	Zhang, Y., Duysters, G., & Cloudt, M. (2013)	494	Non-business students	China
119	Zhao et al. (2005)	265	Business students	United States

Notes:

**Sample Categories:* Business students (definition: Students at a business school), non-business students (definition: broad university sample or non-business course), Probability-based population sample (definition: sampling frame and broad sample and no selecting a specific group, even if the process was random), convenience sample (definition: professionals, employees, alumni. So either specific or non-specific and not probability-based), N = size of independent samples

***NA:* not available

ESM A2: Tests of Heterogeneity and Publication Bias

Dependent variable	k (m)	N	$\hat{\rho}$	CI ₉₅	Q(df)	I^2_a	τ	CI ₉₅ τ	Egger t (df)	B&M
<i>Gender</i>										
Entrepreneurial intention	61 (65)	179,445	-.09**	-.11, -.06	1,290.62 (67)**	.96	.10	.08, .12	0.08 (63)	.10
Attitude	41 (47)	29,555	-.05**	-.09, -.02	420.76 (46)**	.91	.12	.09, .15	1.84 (45)	.14
Subjective norm	32 (32)	19,907	-.01	-.04, .02	136.54 (31)**	.39	.08	.05, .11	2.55 (30)*	.15
Perceived behavioral control	52 (61)	190,595	-.08**	-.11, -.05	1,755.68 (60)**	.59	.11	.09, .13	0.81 (59)	.01
<i>Entrepreneurial intention</i>										
Attitude	83 (89)	44,548	.53**	.48, .57	4,428.89 (88)**	.29	.20	.17, .24	-6.62 (87)**	-.22**
Subjective norm	71 (71)	42,614	.38**	.34, .41	1,553.98 (70)**	.48	.16	.13, .19	-0.73 (69)	-.09
Perceived behavioral control	107 (123)	159,738	.45**	.42, .49	12,731.35 (118)**	.39	.18	.16, .20	-1.99 (121)	-.19**

Notes: $\hat{\rho}$ = estimated population correlation; k = number of independent samples, m = number of effect sizes (correlations), N = size of independent samples; * $p < .05$, ** $p < .01$; ^aProportion of between-study variance that can be attributed to systematic sources. Due to the low number of effect sizes per study, within-study variances automatically fixed to zero in most cases; Egger = Egger's test for publication bias; B&M = Begg & Mazumdar's rank correlation test for publication bias