

Supplement 3. Binary Logistic Regression of Factors Predicting Publishing in Peer Reviewed Journals

Variable	Being able to publish a manuscript in peer reviewed journal (yes/no)	
	OR (95% CI)	p-value
Senior residents, specialists, and consultants (ref: fresh graduates and interns)	5.268 (3.341–8.307)	<0.001
Age	1.087 (1.019–1.159)	0.011
Female gender (ref: male gender)	0.819 (0.579–1.159)	0.261
Grade point average	1.730 (1.103–2.715)	0.017
Confidence in leading a research project	1.086 (1.009–1.169)	0.028
Previous research training	0.813 (0.573–1.153)	0.246
Willingness to pursue an academic career	1.182 (0.823–1.699)	0.365
Attitudes and barriers		
Attitudes score	1.002 (0.974–1.031)	0.875
Knowledge barriers score	0.917 (0.875–0.960)	<0.001
Organizational barriers score	0.987 (0.967–1.007)	0.199
Miscellaneous barriers score	1.020 (0.987–1.053)	0.233
Type of conducted research		
Conducting case reports	1.445 (0.949–2.200)	0.087
Conducting retrospective studies	1.745 (1.152–2.645)	0.009
Conducting cross-sectional studies	2.749 (1.938–3.900)	<0.001
Conducting prospective studies	1.241 (0.664–2.320)	0.499
Conducting basic science studies	1.980 (1.077–3.642)	0.028
Conducting randomized controlled trials	1.473 (0.702–3.092)	0.306
Conducting systematic reviews	1.945 (1.107–3.415)	0.021
Conducting meta-analyses	1.286 (0.716–2.310)	0.399

Statistically significant results are marked in bold.

OR: Odds ratio, CI: Confidence interval, Ref: Reference.