

S1 Table. Physician characteristics classified by proper assessment of conclusion without overstatement

Category	Characteristics	Proper [†] (n = 165)		Not proper [‡] (n = 116)		p-value*
Sex, n (%)	Male	143	(86.7)	98	(84.5)	0.61
Postgraduate year, mean (SD)		18.1	(10.0)	18	(9.9)	0.96
Workplace, n (%)	Clinic	62	(37.6)	42	(36.2)	0.81
Board certification [§] , n (%)		104	(63.0)	81	(69.8)	0.24
Doctorate grade, n (%)		53	(32.1)	36	(31.0)	0.85
PI , n (%)		47	(28.5)	47	(40.5)	0.035
Information resource, n (%)	Pharmacological company [¶]	18	(10.9)	10	(8.6)	0.53
EBM workshop ^{**} , n (%)		104	(63.0)	77	(66.4)	0.56
Abstract ≥5 ^{††} , n (%)		66	(40.0)	63	(54.3)	0.018

*p-value for Fisher's Exact test

[†]Rating 5 or more for the validity of overstated abstract conclusion on a scale of 0 to 10, with 0 being not at all and 10 being very likely

[‡]Rating less than 5 for the validity of overstated abstract conclusion on a scale of 0 to 10, with 0 being not at all and 10 being very likely

[§]Any board certification

^{||}Clinical research experience as a principal investigator

[¶]Access to research information (only from pharmacological company)

^{**}Ever attended an evidence based medicine workshop

^{††}Reading 5 or more abstracts in the last month

SD= Standerdised deviation, PI = Principal investigatorr, EBM =Evidence based medicine