

1.1.1 Publication bias of Male gender for SA risk in active duty personnel

Begg's Test

adj. Kendall's Score (P-Q) = 0
Std. Dev. of Score = 2.94
Number of Studies = 4
z = 0.00
Pr > |z| = 1.000
z = -0.34 (continuity corrected)
Pr > |z| = 1.000 (continuity corrected)

Egger's test

Std_Eff	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
-----+-----					
slope	.761204	.1010589	7.53	0.017	.3263828 1.196025
bias	1.396758	2.11707	0.66	0.577	-7.712257 10.50577

1.1.2 Publication bias of overweight/obesity for SA risk in active duty personnel

Begg's Test

adj. Kendall's Score (P-Q) = -1
Std. Dev. of Score = 1.91
Number of Studies = 3
z = -0.52
Pr > |z| = 0.602
z = 0.00 (continuity corrected)
Pr > |z| = 1.000 (continuity corrected)

Egger's test

Std_Eff	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
-----+-----					
slope	1.171709	.3745025	3.13	0.197	-3.586796 5.930214
bias	-12.67983	31.13733	-0.41	0.754	-408.3172 382.9575

1.1.3 Publication bias of higher BMI for SA risk in active duty personnel

Begg's Test

adj. Kendall's Score (P-Q) = -2
Std. Dev. of Score = 2.94
Number of Studies = 4
 $z = -0.68$
 $Pr > |z| = 0.497$
 $z = 0.34$ (continuity corrected)
 $Pr > |z| = 0.734$ (continuity corrected)

Egger's test

Std_Eff	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
-----+-----						
slope	.63298	.0505691	12.52	0.006	.415399	.8505611
bias	-.1811568	2.740194	-0.07	0.953	-11.97126	11.60895

1.2.1 Publication bias of TBI for SA risk in active duty personnel

Harbord's modified test for small-study effects:

Regress Z/sqrt(V) on sqrt(V), where Z is the efficient score and V is the score variance

Number of studies =	3				Root MSE	= .3837
-----+-----						
Z/sqrt(V)	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
sqrt(V)	.3433741	.0066146	51.91	0.012	.259328	.4274202

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bias	-1.601022	.2852649	-5.61	0.112	-5.225657	2.023612
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Test of H0: no small-study effects P = 0.112

2.2.1 Publication bias of PTSD for SA risk in veterans

Harbord's modified test for small-study effects:

Regress Z/sqrt(V) on sqrt(V), where Z is the efficient score and V is the score variance

Number of studies =	3				Root MSE	=	2.343
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Z/sqrt(V)	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]		
-----+-----							
sqrt(V)	2.198033	1.993343	1.10	0.469	-23.1298	27.52586	
bias	-6.081886	6.688416	-0.91	0.530	-91.06626	78.90249	
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Test of H0: no small-study effects P = 0.530

3.1.2 Publication bias of alcohol dependence for SA risk in veterans

Begg's Test

adj. Kendall's Score (P-Q) = 3
 Std. Dev. of Score = 1.91
 Number of Studies = 3
 z = 1.57
 Pr > |z| = 0.117
 z = 1.04 (continuity corrected)
 Pr > |z| = 0.296 (continuity corrected)

Egger's test

Std_Eff	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
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slope	.3166207	.016916	18.72	0.034	.101683	.5315584
bias	5.293075	1.108919	4.77	0.131	-8.797075	19.38322

3.1.4 Publication bias of male gender for SA risk in veterans

Begg's Test

adj. Kendall's Score (P-Q) = -2
Std. Dev. of Score = 2.94
Number of Studies = 4
 $z = -0.68$
 $Pr > |z| = 0.497$
 $z = 0.34$ (continuity corrected)
 $Pr > |z| = 0.734$ (continuity corrected)

Egger's test

Std_Eff	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
-----+-----					
slope	-.1786795	.2343015	-0.76	0.525	-1.186797 .8294383
bias	-2.595282	2.703334	-0.96	0.438	-14.22679 9.036227

3.2.1 Publication bias of deployment experience for insomnia risk in active duty

personnel

Begg's Test

adj. Kendall's Score (P-Q) = 2
Std. Dev. of Score = 2.94
Number of Studies = 4
 $z = 0.68$
 $Pr > |z| = 0.497$
 $z = 0.34$ (continuity corrected)
 $Pr > |z| = 0.734$ (continuity corrected)

Egger's test

Std_Eff	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
-----+-----					
slope	.2406486	.0807509	2.98	0.097	-.1067944 .5880916
bias	1.732308	1.044848	1.66	0.239	-2.76331 6.227927

3.3.1 Publication bias of depression for insomnia risk in active duty personnel

Begg's Test

adj. Kendall's Score (P-Q) = 1
Std. Dev. of Score = 1.91
Number of Studies = 3
 $z = 0.52$
 $Pr > |z| = 0.602$
 $z = 0.00$ (continuity corrected)
 $Pr > |z| = 1.000$ (continuity corrected)

Egger's test

Std_Eff	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
-----+-----					
slope	1.065427	.0764996	13.93	0.046	.0934075 2.037446
bias	6.38049	7.375057	0.87	0.546	-87.3285 100.0895

3.3.3 Publication bias of TBI for insomnia risk in active duty personnel

Begg's Test

adj. Kendall's Score (P-Q) = 0
Std. Dev. of Score = 2.94
Number of Studies = 4
 $z = 0.00$
 $Pr > |z| = 1.000$
 $z = -0.34$ (continuity corrected)
 $Pr > |z| = 1.000$ (continuity corrected)

Egger's test

Std_Eff	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
-----+-----					
slope	.5825948	.0092504	62.98	0.000	.5427937 .6223959
bias	-.212819	1.927286	-0.11	0.922	-8.50526 8.079622

3.3.3 Publication bias of TBI for insomnia risk in active duty personnel

Begg's Test

adj. Kendall's Score (P-Q) = 1
Std. Dev. of Score = 1.91
Number of Studies = 3
 $z = 0.52$
 $Pr > |z| = 0.602$
 $z = 0.00$ (continuity corrected)
 $Pr > |z| = 1.000$ (continuity corrected)

Egger's test

Std_Eff	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
-----+-----					
slope	1.241792	.0291441	42.61	0.015	.8714812 1.612104
bias	3.860566	5.611757	0.69	0.616	-67.44356 75.16469

4.1.3 Publication bias of white race for insomnia risk in veterans

Begg's Test

adj. Kendall's Score (P-Q) = 3
Std. Dev. of Score = 1.91
Number of Studies = 3
 $z = 1.57$
 $Pr > |z| = 0.117$
 $z = 1.04$ (continuity corrected)
 $Pr > |z| = 0.296$ (continuity corrected)

Egger's test

Std_Eff	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
-----+-----					
slope	-.7379556	.015854	-46.55	0.014	-.9394002 -.5365109
bias	2.338831	.1316963	17.76	0.036	.6654706 4.012192

4.1.3 Publication bias of male gender for insomnia risk in veterans

Begg's Test

adj. Kendall's Score (P-Q) = 5
Std. Dev. of Score = 6.66
Number of Studies = 7
 $z = 0.75$
 $Pr > |z| = 0.453$
 $z = 0.60$ (continuity corrected)
 $Pr > |z| = 0.548$ (continuity corrected)

Egger's test

Std_Eff	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
-----+-----					
slope	.0632548	.0225763	2.80	0.038	.0052205 .1212892
bias	-1.304175	1.203361	-1.08	0.328	-4.397512 1.789163

4.3.1 Publication bias of PTSD for insomnia risk in veterans

Harbord's modified test for small-study effects:

Regress Z/sqrt(V) on sqrt(V), where Z is the efficient score and V is the score variance

Number of studies =	5	Root MSE	=	4.222
-----+-----				
Z/sqrt(V)	Coef.	Std. Err.	t	P> t
sqrt(V)	2.411393	.3457062	6.98	0.006
bias	-5.238919	3.017782	-1.74	0.181

Test of H0: no small-study effects P = 0.181

4.3.1 Publication bias of TBI for insomnia risk in veterans

Harbord's modified test for small-study effects:

Regress Z/sqrt(V) on sqrt(V), where Z is the efficient score and V is the score variance

Number of studies = 3		Root MSE = .4795				
Z/sqrt(V)	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
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sqrt(V)	.8972334	.0487195	18.42	0.035	.2781939	1.516273
bias	-2.500315	.4460618	-5.61	0.112	-8.168067	3.167438
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Test of H0: no small-study effects P = 0.112