

Study or Subgroup	Experimental		Control		Weight (fixed)	Weight (random)	Odds Ratio		Odds Ratio	
	Total	Events	Total	Events			MH, Fixed + Random, 95% CI	MH, Fixed + Random, 95% CI		
region = Europe										
SiddheshwarRK, 2001	10	59	1	58	0.0%	0.8%	11.63	[1.44, 94.12]		
Breuer-KatschinskiB, 1999	789	1712	669	1669	7.9%	2.4%	1.28	[1.11, 1.46]		
SeigradM, 2014	117	142	67	119	0.3%	2.1%	3.63	[2.07, 6.38]		
Zhang Y, 2012	76	98	61	98	0.3%	2.0%	2.10	[1.12, 3.92]		
StrofiiasA, 2012	23	78	9	78	0.1%	1.8%	3.21	[1.37, 7.49]		
GeorgopoulosSD, 2006	66	93	13	20	0.1%	1.7%	1.32	[0.47, 3.66]		
MaucciG, 1997	69	138	64	239	0.5%	2.2%	2.73	[1.76, 4.24]		
PenmanID, 1994	25	42	18	34	0.2%	1.8%	1.31	[0.52, 3.26]		
JonesM, 2007	110	189	110	187	1.0%	2.2%	0.97	[0.65, 1.47]		
Total (fixed effect, 95% CI)		2551		2502	10.4%	--	1.45	[1.29, 1.63]		
Total (random effects, 95% CI)					--	17.0%	1.93	[1.33, 2.79]		
Heterogeneity: Tau <sup>2</sup> = 0.19, Chi <sup>2</sup> = 33.67, df = 8 (P < 0.01), I <sup>2</sup> = 76%										
Test for overall effect (fixed effect): Z = 6.33 (P < 0.01)										
Test for overall effect (random effects): Z = 3.48 (P < 0.01)										
region = America										
JuliaButt, 2018	2629	4063	2713	4063	20.6%	2.4%	0.91	[0.83, 1.00]		
Jennifer, 2016	154	392	275	774	2.4%	2.3%	1.17	[0.91, 1.51]		
AbbassK, 2011	36	96	27	96	0.4%	2.1%	1.53	[0.84, 2.81]		
Total (fixed effect, 95% CI)		4551		4933	23.4%	--	0.95	[0.87, 1.03]		
Total (random effects, 95% CI)					--	6.7%	1.07	[0.83, 1.38]		
Heterogeneity: Tau <sup>2</sup> = 0.03, Chi <sup>2</sup> = 5.88, df = 2 (P = 0.05), I <sup>2</sup> = 68%										
Test for overall effect (fixed effect): Z = 1.20 (P = 0.23)										
Test for overall effect (random effects): Z = 0.52 (P = 0.60)										
region = America										
BlaseJL, 2016	213	392	121	774	0.8%	2.3%	6.42	[4.86, 8.48]		
BusoAG, 2009	66	94	51	94	0.3%	2.1%	1.99	[1.09, 3.62]		
LimburgPJ, 2002	86	118	172	236	0.7%	2.2%	1.00	[0.61, 1.64]		
ThorburnCM, 1998	159	233	158	233	1.1%	2.2%	1.02	[0.69, 1.51]		
TalleyNJ, 1991	41	80	96	252	0.5%	2.1%	1.71	[1.03, 2.84]		
MassSF, 1995	23	41	26	41	0.2%	1.8%	0.74	[0.30, 1.79]		
Total (fixed effect, 95% CI)		958		1630	3.6%	--	2.37	[2.00, 2.82]		
Total (random effects, 95% CI)					--	12.7%	1.63	[0.74, 3.62]		
Heterogeneity: Tau <sup>2</sup> = 0.91, Chi <sup>2</sup> = 87.68, df = 5 (P < 0.01), I <sup>2</sup> = 94%										
Test for overall effect (fixed effect): Z = 9.83 (P < 0.01)										
Test for overall effect (random effects): Z = 1.21 (P = 0.23)										
region = Asian										
ShmuelYH, 2001	50	67	63	92	0.3%	2.0%	1.35	[0.67, 2.74]		
FujimoriS, 2005	391	481	527	669	1.8%	2.3%	1.17	[0.87, 1.57]		
Dongai, 2019	1097	3483	568	1925	10.8%	2.4%	1.10	[0.97, 1.24]		
YeYan, 2017	845	1641	297	1641	3.1%	2.4%	4.80	[4.10, 5.63]		
ChangxiChen, 2019	104	180	479	1195	1.1%	2.3%	2.05	[1.49, 2.81]		
SongYF, 2007	102	172	223	342	1.3%	2.2%	0.78	[0.53, 1.13]		
WuJ, 2009	135	240	164	305	1.4%	2.3%	1.11	[0.79, 1.55]		
LiuJM, 2006	67	110	275	462	0.9%	2.2%	1.06	[0.69, 1.62]		
DongKIROU, 2019	49	135	568	1925	1.0%	2.3%	1.36	[0.95, 1.96]		
YufangS, 2007	102	172	121	172	1.1%	2.2%	0.61	[0.39, 0.96]		
LinYL, 2010	1113	1927	815	7384	3.1%	2.4%	11.02	[9.81, 12.38]		
Kuang-ChunHu, 2017	112	224	414	1325	1.3%	2.3%	2.20	[1.65, 2.93]		
DayamaA, 2011	790	1712	582	1669	6.8%	2.4%	1.60	[1.39, 1.84]		
FatemehTeimoorianxirou, 2018	12	17	32	100	0.1%	1.6%	5.10	[1.66, 15.70]		
FatemehTeimoorianai, 2018	14	33	32	100	0.2%	1.9%	1.57	[0.70, 3.51]		
Fireman, 2000	41	51	32	51	0.1%	1.8%	2.43	[1.00, 5.95]		
MizunoS, 2005	133	176	196	303	0.8%	2.2%	1.69	[1.11, 2.56]		
Machida-MontaniA, 2007	82	113	244	339	0.7%	2.2%	1.03	[0.64, 1.66]		
Inoue, 2011	201	239	368	478	0.8%	2.2%	1.58	[1.05, 2.38]		
Nam JH, 2017	685	1245	1561	3221	8.4%	2.4%	1.30	[1.14, 1.48]		
Nam JH, 2017	610	1127	1561	3221	8.0%	2.4%	1.25	[1.10, 1.44]		
Nam JH, 2017	75	118	1561	3221	0.9%	2.2%	1.85	[1.27, 2.72]		
KimTJ, 2017	162	5399	62	3517	1.6%	2.3%	1.72	[1.28, 2.32]		
NamKW, 2013	101	151	335	597	1.0%	2.2%	1.58	[1.09, 2.30]		
BaeRC, 2009	73	133	131	213	1.0%	2.2%	0.76	[0.49, 1.18]		
TaweesakT, 2018	109	180	34	151	0.3%	2.2%	5.28	[3.25, 8.58]		
EnginAB, 2010	77	110	71	116	0.4%	2.1%	1.48	[0.85, 2.57]		
BanuBoyuk, 2019	112	143	146	171	0.6%	2.1%	0.62	[0.35, 1.11]		
HongSN, 2012	317	506	1253	2195	3.8%	2.3%	1.26	[1.03, 1.54]		
Total (fixed effect, 95% CI)		20285		37100	62.6%	--	1.98	[1.90, 2.07]		
Total (random effects, 95% CI)					--	63.6%	1.60	[1.16, 2.21]		
Heterogeneity: Tau <sup>2</sup> = 0.73, Chi <sup>2</sup> = 1314.93, df = 28 (P < 0.01), I <sup>2</sup> = 98%										
Test for overall effect (fixed effect): Z = 30.77 (P < 0.01)										
Test for overall effect (random effects): Z = 2.86 (P < 0.01)										
<b>Total (fixed effect, 95% CI)</b>	<b>28345</b>		<b>46165</b>	<b>100.0%</b>	<b>100.0%</b>	--	<b>1.70</b>	<b>[1.64, 1.76]</b>		
<b>Total (random effects, 95% CI)</b>						<b>100.0%</b>	<b>1.64</b>	<b>[1.29, 2.08]</b>		
Heterogeneity: Tau <sup>2</sup> = 0.62, Chi <sup>2</sup> = 1700.11, df = 46 (P < 0.01), I <sup>2</sup> = 97%										
Residual heterogeneity: Tau <sup>2</sup> = NA, Chi <sup>2</sup> = 1442.17, df = 43 (P < 0.01), I <sup>2</sup> = 97%										
Test for overall effect (fixed effect): Z = 29.09 (P < 0.01)										
Test for overall effect (random effects): Z = 4.05 (P < 0.01)										
Test for subgroup differences (fixed effect): Chi <sup>2</sup> = 248.97, df = 3 (P < 0.01)										
Test for subgroup differences (random effects): Chi <sup>2</sup> = 7.69, df = 3 (P = 0.05)										

