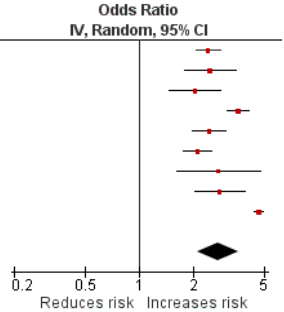
(a)

Study or Subgroup	log[Odds Ratio]	SE	Weight	Odds Ratio IV, Random, 95% CI
Ajay, 2008 [21]	0.8838	0.0822	12.0%	2.42 [2.06, 2.84]
Menon, 2006 [15]	0.9123	0.1684	10.5%	2.49 [1.79, 3.46]
Mohan, 2003 [45]	0.7159	0.1666	10.6%	2.05 [1.48, 2.84]
Ramachandran, 2001 [43]	1.2669	0.0725	12.1%	3.55 [3.08, 4.09]
Ramachandran, 2002 [36]	0.9002	0.11	11.6%	2.46 [1.98, 3.05]
Ramachandran, 2008 [39]	0.7514	0.0921	11.9%	2.12 [1.77, 2.54]
Sayeed, 2003 [19]	1.0225	0.2787	8.2%	2.78 [1.61, 4.80]
Vijayakumar ,2009 [23]	1.0332	0.1634	10.6%	2.81 [2.04, 3.87]
Zargar, 2000 [30]	1.5412	0.0304	12.5%	4.67 [4.40, 4.96]
Total (95% CI)			**100.0%**	**2.75 [2.11, 3.58]**

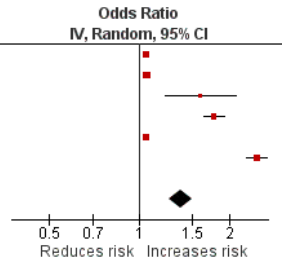
Heterogeneity: Tau² = 0.15; Chi² = 157.46, df = 8 (P < 0.00001); I² = 95%
Test for overall effect: Z = 7.46 (P < 0.00001)



(b)

Study or Subgroup	log[Odds Ratio]	SE	Weight	Odds Ratio IV, Random, 95% CI
Mohan, 2001 [08]	0.0488	0.0049	19.6%	1.05 [1.04, 1.06]
Mohan, 2003 [45]	0.0564	0.0053	19.6%	1.06 [1.05, 1.07]
Ramachandran, 1997 [37]	0.47	0.14	7.1%	1.60 [1.22, 2.11]
Ramachandran, 2002 [36]	0.571	0.04	17.2%	1.77 [1.64, 1.91]
Ramachandran, 2004 [38]	0.0488	0.0098	19.5%	1.05 [1.03, 1.07]
Ramachandran, 2008 [39]	0.9002	0.041	17.1%	2.46 [2.27, 2.67]
Total (95% CI)			**100.0%**	**1.37 [1.25, 1.50]**

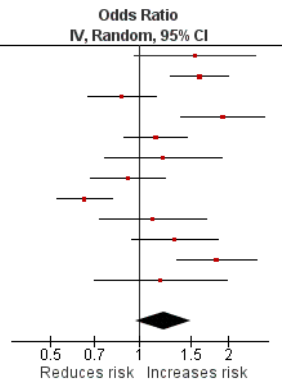
Heterogeneity: Tau² = 0.01; Chi² = 598.53, df = 5 (P < 0.00001); I² = 99%
Test for overall effect: Z = 6.77 (P < 0.00001)



(c)

Study or Subgroup	log[Odds Ratio]	SE	Weight	Odds Ratio IV, Random, 95% CI
Abu sayeed, 2004 [49]	0.4378	0.2426	7.0%	1.55 [0.96, 2.49]
Ajay, 2008 [21]	0.47	0.1139	9.5%	1.60 [1.28, 2.00]
Hussain, 2005 [28]	-0.1386	0.1356	9.1%	0.87 [0.67, 1.14]
Menon, 2006 [15]	0.6523	0.1685	8.5%	1.92 [1.38, 2.67]
Rahim, 2007 [21]	0.1271	0.127	9.3%	1.14 [0.89, 1.46]
Rahman, 2007 [24]	0.1862	0.2338	7.1%	1.20 [0.76, 1.90]
Ramachandran, 1997 [37]	-0.089	0.1486	8.9%	0.91 [0.68, 1.22]
Ramachandran, 2002 [36]	-0.4308	0.11	9.6%	0.65 [0.52, 0.81]
Ramachandran, 2004 [38]	0.1044	0.2138	7.5%	1.11 [0.73, 1.69]
Sayeed, 2003 [19]	0.2776	0.1732	8.4%	1.32 [0.94, 1.85]
Shrestha, 2006 [24]	0.6043	0.159	8.7%	1.83 [1.34, 2.50]
Zargar, 2000 [30]	0.1648	0.2642	6.6%	1.18 [0.70, 1.98]
Total (95% CI)			**100.0%**	**1.21 [0.97, 1.50]**

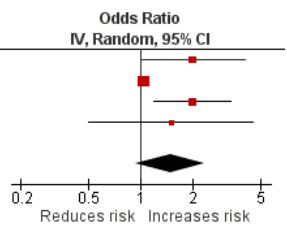
Heterogeneity: Tau² = 0.11; Chi² = 61.91, df = 11 (P < 0.00001); I² = 82%
Test for overall effect: Z = 1.71 (P = 0.09)



(d)

Study or Subgroup	log[Odds Ratio]	SE	Weight	Odds Ratio IV, Random, 95% CI
Hussain, 2005 [28]	0.6931	0.3537	21.0%	2.00 [1.00, 4.00]
Mohan, 2003 [45]	0.0363	0.0049	39.9%	1.04 [1.03, 1.05]
Rahim, 2007 [21]	0.6931	0.2606	26.8%	2.00 [1.20, 3.33]
Rahman, 2007 [24]	0.4055	0.5605	12.3%	1.50 [0.50, 4.50]
Total (95% CI)			**100.0%**	**1.49 [0.94, 2.36]**

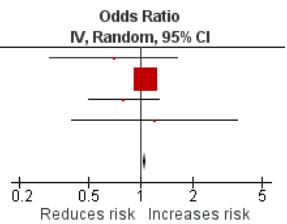
Heterogeneity: Tau² = 0.14; Chi² = 10.23, df = 3 (P = 0.02); I² = 71%
Test for overall effect: Z = 1.68 (P = 0.09)



(e)

Study or Subgroup	log[Odds Ratio]	SE	Weight	Odds Ratio IV, Random, 95% CI
Hussain, 2005 [28]	-0.3567	0.4323	0.0%	0.70 [0.30, 1.63]
Mohan, 2003 [45]	0.0573	0.0073	99.9%	1.06 [1.04, 1.07]
Rahim, 2007 [21]	-0.2231	0.2398	0.1%	0.80 [0.50, 1.28]
Rahman, 2007 [24]	0.1823	0.5605	0.0%	1.20 [0.40, 3.60]
Total (95% CI)			**100.0%**	**1.06 [1.04, 1.07]**

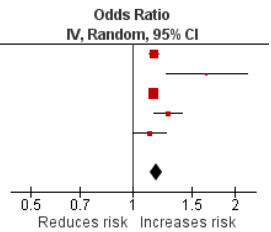
Heterogeneity: Tau² = 0.00; Chi² = 2.33, df = 3 (P = 0.51); I² = 0%
Test for overall effect: Z = 7.81 (P < 0.00001)



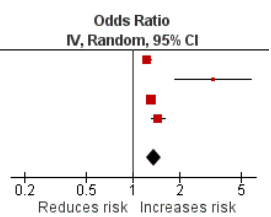
(f)

Study or Subgroup	log[Odds Ratio]	SE	Weight	Odds Ratio IV, Random, 95% CI
Mohan, 2003 [45]	0.1432	0.0171	34.2%	1.15 [1.12, 1.19]
Ramachandran, 1997 [37]	0.5008	0.14	2.2%	1.65 [1.25, 2.17]
Ramachandran, 2001 [43]	0.1398	0.009	40.8%	1.15 [1.13, 1.17]
Ramachandran, 2002 [36]	0.239	0.05	12.7%	1.27 [1.15, 1.40]
Ramachandran, 2008 [39]	0.1133	0.0578	10.2%	1.12 [1.00, 1.25]
Total (95% CI)			**100.0%**	**1.17 [1.12, 1.22]**

Heterogeneity: Tau² = 0.00; Chi² = 10.60, df = 4 (P = 0.03); I² = 62%
Test for overall effect: Z = 7.53 (P < 0.00001)



(g)

Study or Subgroup	log[Odds Ratio]	SE	Weight	Odds Ratio IV, Random, 95% CI
Mohan, 2003 [45]	0.2078	0.0308	33.4%	1.23 [1.16, 1.31]
Ramachandran, 1997 [37]	1.1969	0.29	3.3%	3.31 [1.87, 5.84]
Ramachandran, 2001 [43]	0.27	0.0239	34.8%	1.31 [1.25, 1.37]
Ramachandran, 2002 [36]	0.3716	0.05	28.5%	1.45 [1.31, 1.60]
Total (95% CI)			**100.0%**	**1.36 [1.22, 1.52]**

Heterogeneity: Tau² = 0.01; Chi² = 18.36, df = 3 (P = 0.0004); I² = 84%
Test for overall effect: Z = 5.59 (P < 0.00001)