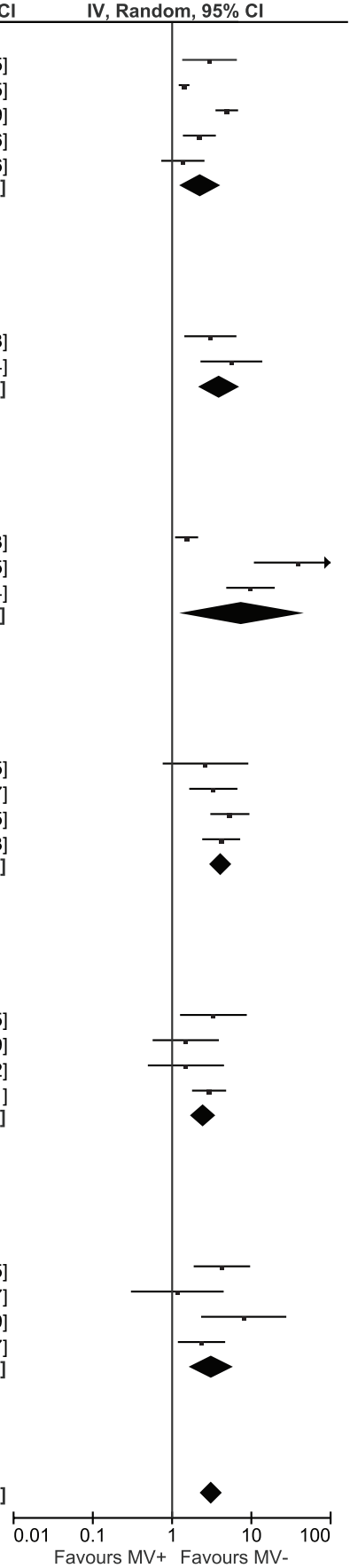Study	MV+ Events	MV+ Total	MV- Events	MV- Total	Weight	Odds Ratio IV, Random, 95% CI
Mixed						
Mataloun 2006 [17]	33	132	9	89	4.5%	2.96 [1.34, 6.55]
Payen 2008 [18]	777	2025	343	1122	6.3%	1.41 [1.21, 1.65]
Fonseca 2011 [26]	186	273	129	424	5.9%	4.89 [3.52, 6.79]
Medve 2011 [30]	84	200	28	259	5.5%	2.20 [1.37, 3.56]
Piccinni 2011 [33]	353	532	26	44	5.0%	1.37 [0.73, 2.56]
Subtotal (95% CI)		**3162**		**1938**	**27.2%**	**2.28 [1.25, 4.15]**
Total events	1433		535			
Heterogeneity: Tau² = 0.40; Chi² = 47.84, df = 4 (P < 0.001); I² = 92%						
Test for overall effect: Z = 2.68 (P = 0.007)						
Cardiac disease						
Brito 2009 [19]	18	35	39	151	4.6%	3.04 [1.43, 6.48]
Marenzi 2010 [24]	32	42	20	55	4.1%	5.60 [2.28, 13.74]
Subtotal (95% CI)		**77**		**206**	**8.7%**	**3.93 [2.18, 7.09]**
Total events	50		59			
Heterogeneity: Tau² = 0.01; Chi² = 1.04, df = 1 (P = 0.31); I² = 4%						
Test for overall effect: Z = 4.54 (P < 0.001)						
Gastro-intestinal						
Iglesias 2010 [22]	171	442	72	246	5.9%	1.52 [1.09, 2.13]
Lopes 2011 [28]	22	25	25	157	3.0%	38.72 [10.77, 139.25]
O'Riordan 2011 [31]	161	172	78	130	4.8%	9.76 [4.82, 19.74]
Subtotal (95% CI)		**639**		**533**	**13.7%**	**7.68 [1.27, 46.28]**
Total events	354		175			
Heterogeneity: Tau² = 2.34; Chi² = 40.34, df = 2 (P < 0.001); I² = 95%						
Test for overall effect: Z = 2.22 (P = 0.03)						
Influenza A H1N1						
Abdulkader 2010 [21]	19	31	6	16	3.1%	2.64 [0.76, 9.15]
Jung 2011 [27]	37	116	13	105	4.8%	3.31 [1.65, 6.67]
Martin-Loeches 2011 [29]	103	408	15	253	5.2%	5.36 [3.04, 9.45]
Pettila 2011 [32]	97	334	17	190	5.3%	4.16 [2.40, 7.23]
Subtotal (95% CI)		**889**		**564**	**18.4%**	**4.17 [3.00, 5.82]**
Total events	256		51			
Heterogeneity: Tau² = 0.00; Chi² = 1.68, df = 3 (P = 0.64); I² = 0%						
Test for overall effect: Z = 8.44 (P < 0.001)						
Sepsis						
Schortgen 2001 [12]	36	92	6	37	3.9%	3.32 [1.26, 8.75]
Hoste 2003 [14]	24	137	6	48	3.9%	1.49 [0.57, 3.89]
Yegenaga 2004 [15]	25	209	4	48	3.5%	1.49 [0.49, 4.52]
Lopes 2009 [20]	64	147	35	168	5.5%	2.93 [1.79, 4.81]
Subtotal (95% CI)		**585**		**301**	**16.7%**	**2.49 [1.71, 3.63]**
Total events	149		51			
Heterogeneity: Tau² = 0.00; Chi² = 2.68, df = 3 (P = 0.44); I² = 0%						
Test for overall effect: Z = 4.74 (P < 0.001)						
Miscellaneous						
Vivino 1998 [11]	39	92	9	61	4.4%	4.25 [1.87, 9.65]
Letourneau 2002 [13]	32	43	10	14	2.9%	1.16 [0.30, 4.47]
Rocha 2005 [16][a]					3.1%	8.01 [2.33, 27.59]
Murugan 2010 [25]	116	129	129	163	4.8%	2.35 [1.18, 4.67]
Subtotal (95% CI)		**264**		**238**	**15.2%**	**3.14 [1.63, 6.04]**
Total events	187		148			
Heterogeneity: Tau² = 0.20; Chi² = 5.49, df = 3 (P = 0.14); I² = 45%						
Test for overall effect: Z = 3.43 (P < 0.001)						
Total (95% CI)		**5616**		**3780**	**100.0%**	**3.16 [2.32, 4.28]**
Total events	2429		1019			
Heterogeneity: Tau² = 0.38; Chi² = 129.18, df = 21 (P < 0.001); I² = 84%						
Test for overall effect: Z = 7.37 (P < 0.001)						
Test for subgroup differences: Chi² = 6.75, df = 5 (P = 0.24), I² = 25.9%