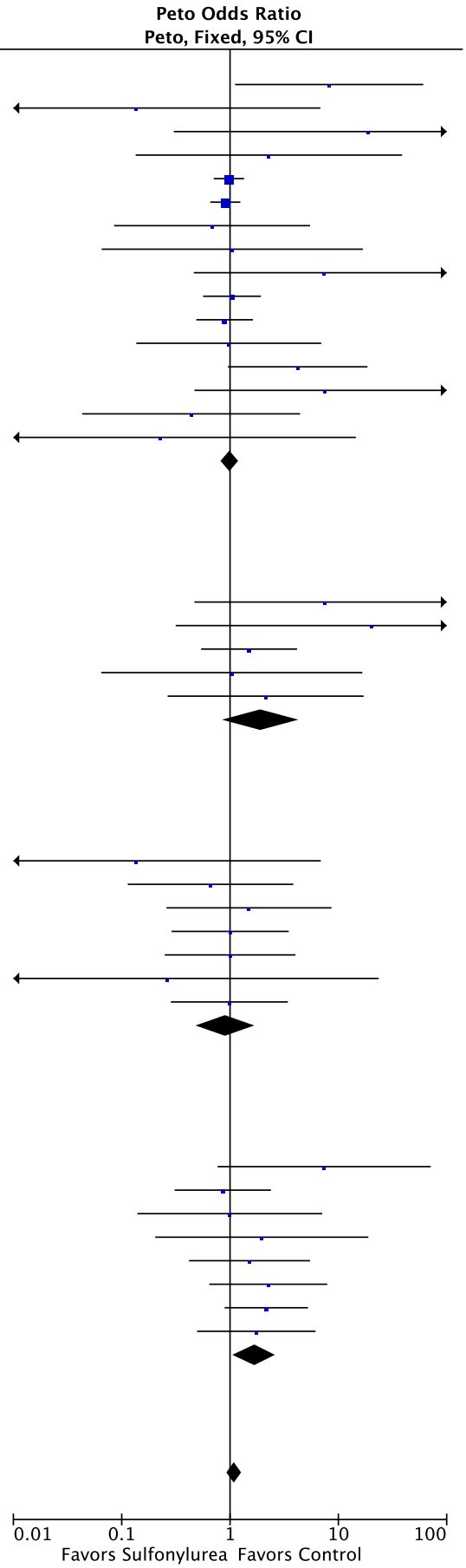Study or Subgroup	Sulfonylurea Events	Sulfonylurea Total	Control Events	Control Total	Weight	Peto Odds Ratio Peto, Fixed, 95% CI
1.1.1 Glibenclamide						
Lundershausen [67]	4	39	0	40	0.7%	8.22 [1.11, 60.68]
Birkeland [44]	0	18	1	18	0.2%	0.14 [0.00, 6.82]
Johnston (Miglitol) [64]	1	52	0	101	0.2%	18.96 [0.30, 1188.18]
Johnston (Placebo) [64]	1	52	2	206	0.3%	2.28 [0.13, 38.75]
UKPDS (Diet) [2]	61	308	184	911	26.9%	0.98 [0.71, 1.35]
UKPDS (Insulin) [2]	60	307	190	896	27.4%	0.90 [0.66, 1.24]
Marbury [69]	1	182	3	362	0.6%	0.68 [0.09, 5.48]
Gerich [55]	1	209	1	219	0.4%	1.05 [0.07, 16.82]
Jain [63]	2	251	0	251	0.4%	7.42 [0.46, 118.94]
Kahn (Metformin) [65]	16	721	31	1454	7.4%	1.04 [0.56, 1.93]
Kahn (Rosiglitazone) [65]	15	720	34	1456	7.7%	0.89 [0.49, 1.63]
Hamann [59]	2	302	2	294	0.7%	0.97 [0.14, 6.95]
Tolman [83]	6	1057	1	1063	1.3%	4.21 [0.96, 18.58]
Giles [57]	2	149	0	151	0.4%	7.54 [0.47, 121.11]
Alvarsson [41]	1	26	2	23	0.5%	0.44 [0.04, 4.44]
Kaku [66]	0	132	1	268	0.2%	0.22 [0.00, 14.52]
Subtotal (95% CI)		**4525**		**7713**	**75.3%**	**1.00 [0.83, 1.22]**
Total events	173		452			
Heterogeneity: Chi^2 = 16.86, df = 15 (P = 0.33); I^2 = 11%						
Test for overall effect: Z = 0.03 (P = 0.97)						
1.1.2 Gliclazide						
Matthews [70]	2	313	0	317	0.4%	7.51 [0.47, 120.31]
Garber [54]	1	248	0	497	0.2%	20.17 [0.32, 1290.96]
Foley [51]	9	546	6	546	2.7%	1.50 [0.54, 4.15]
Filozof [50]	1	494	1	513	0.4%	1.04 [0.06, 16.63]
Cefalu [46]	2	482	2	968	0.6%	2.13 [0.27, 17.10]
Subtotal (95% CI)		**2083**		**2841**	**4.2%**	**1.94 [0.86, 4.39]**
Total events	15		9			
Heterogeneity: Chi^2 = 2.58, df = 4 (P = 0.63); I^2 = 0%						
Test for overall effect: Z = 1.60 (P = 0.11)						
1.1.3 Glimeperide						
Mazzonne [71]	0	230	1	232	0.2%	0.14 [0.00, 6.88]
Nissen [75]	2	273	3	270	0.9%	0.66 [0.11, 3.84]
Ferrannini [49]	3	1393	2	1396	0.9%	1.50 [0.26, 8.65]
Gallwitz [53]	5	514	5	515	1.8%	1.00 [0.29, 3.48]
Gallwitz [52]	4	775	4	776	1.4%	1.00 [0.25, 4.02]
Ahren (Albiglutide) [40]	0	103	1	302	0.1%	0.26 [0.00, 23.56]
Ridderstrale [80]	5	780	5	769	1.8%	0.99 [0.28, 3.42]
Subtotal (95% CI)		**4068**		**4260**	**7.2%**	**0.92 [0.49, 1.72]**
Total events	19		21			
Heterogeneity: Chi^2 = 1.68, df = 6 (P = 0.95); I^2 = 0%						
Test for overall effect: Z = 0.25 (P = 0.80)						
1.1.4 Glipizide						
Nauck [74]	3	408	0	406	0.5%	7.39 [0.77, 71.24]
Gerstein [56]	7	339	8	333	2.7%	0.86 [0.31, 2.38]
Göke [58]	2	430	2	428	0.7%	1.00 [0.14, 7.09]
Nauck [73]	2	584	1	588	0.5%	1.96 [0.20, 18.91]
Arjona Ferreira [42]	6	65	4	64	1.7%	1.51 [0.42, 5.47]
Arjona Ferreira [43]	7	212	3	211	1.8%	2.25 [0.64, 7.89]
Hong [62]	14	148	7	156	3.6%	2.16 [0.89, 5.24]
Del Prato [48]	5	874	6	1765	1.8%	1.75 [0.50, 6.15]
Subtotal (95% CI)		**3060**		**3951**	**13.3%**	**1.68 [1.06, 2.66]**
Total events	46		31			
Heterogeneity: Chi^2 = 4.15, df = 7 (P = 0.76); I^2 = 0%						
Test for overall effect: Z = 2.23 (P = 0.03)						
Total (95% CI)		**13736**		**18765**	**100.0%**	**1.10 [0.93, 1.30]**
Total events	253		513			
Heterogeneity: Chi^2 = 31.64, df = 35 (P = 0.63); I^2 = 0%						
Test for overall effect: Z = 1.10 (P = 0.27)						
Test for subgroup differences: Chi^2 = 6.37, df = 3 (P = 0.09), I^2 = 52.9%