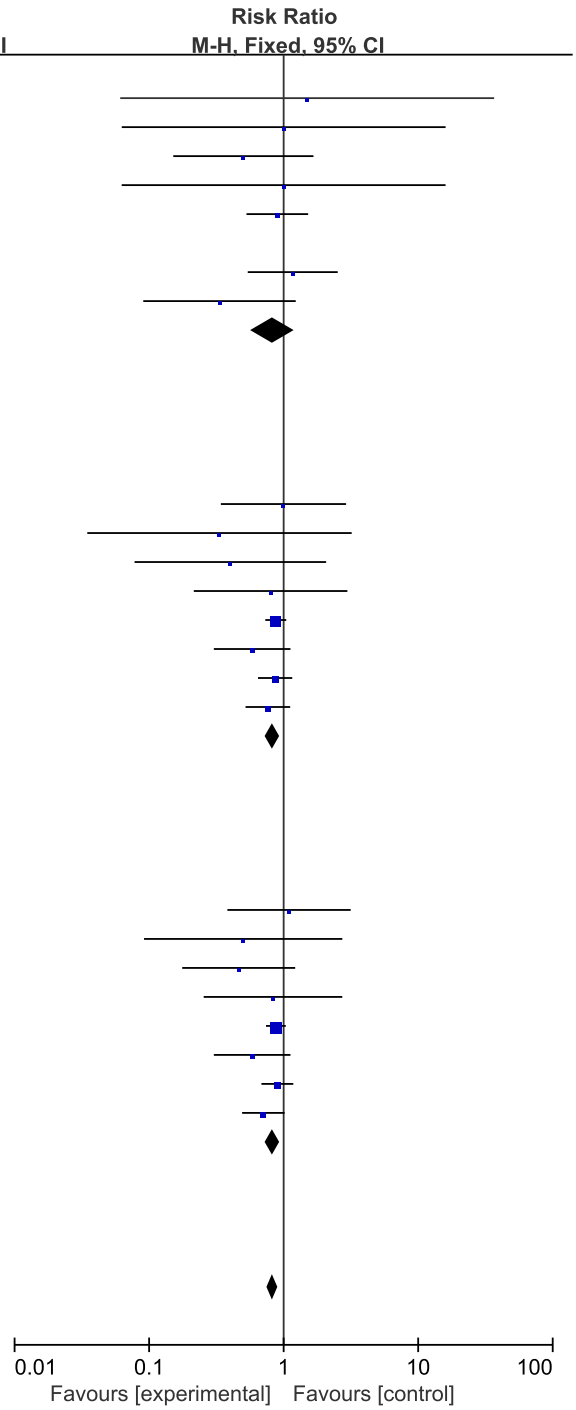Study or Subgroup	GLP-1RA Events	GLP-1RA Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Fixed, 95% CI
2.1.1 hemorrhagic stroke						
AMPLITUDE-O 2020-12	1	2718	0	1355	0.1%	1.50 [0.06, 36.70]
ELIXA 2015-2	1	3031	1	3032	0.1%	1.00 [0.06, 15.99]
EXSCEL 2017-4	4	7344	8	7372	0.8%	0.50 [0.15, 1.67]
HARMONY 2018-3	1	4717	1	4715	0.1%	1.00 [0.06, 15.98]
LEADER 2015-12	26	4668	29	4672	2.9%	0.90 [0.53, 1.52]
PIONEER-6 2018-9	0	1591	0	1591		Not estimable
REWIND 2018-8	14	4943	12	4949	1.2%	1.17 [0.54, 2.52]
SUSTAIN-6 2016-3	3	1648	9	1649	0.9%	0.33 [0.09, 1.23]
Subtotal (95% CI)		**30660**		**29335**	**6.0%**	**0.83 [0.57, 1.20]**
Total events	50		60			
Heterogeneity: Chi² = 3.56, df = 6 (P = 0.74); I² = 0%						
Test for overall effect: Z = 1.01 (P = 0.31)						
2.1.2 ischemic stroke						
AMPLITUDE-O 2020-12	10	2718	5	1355	0.7%	1.00 [0.34, 2.91]
ELIXA 2015-2	1	3031	3	3032	0.3%	0.33 [0.03, 3.20]
EXSCEL 2017-4	2	7344	5	7372	0.5%	0.40 [0.08, 2.07]
HARMONY 2018-3	4	4717	5	4715	0.5%	0.80 [0.21, 2.98]
LEADER 2015-12	213	4668	244	4672	24.3%	0.87 [0.73, 1.05]
PIONEER-6 2018-9	14	1591	24	1591	2.4%	0.58 [0.30, 1.12]
REWIND 2018-8	82	4943	95	4949	9.5%	0.86 [0.64, 1.16]
SUSTAIN-6 2016-3	45	1648	59	1649	5.9%	0.76 [0.52, 1.12]
Subtotal (95% CI)		**30660**		**29335**	**44.0%**	**0.83 [0.73, 0.95]**
Total events	371		440			
Heterogeneity: Chi² = 3.17, df = 7 (P = 0.87); I² = 0%						
Test for overall effect: Z = 2.63 (P = 0.008)						
2.1.3 total stroke						
AMPLITUDE-O 2020-12	11	2718	5	1355	0.7%	1.10 [0.38, 3.15]
ELIXA 2015-2	2	3031	4	3032	0.4%	0.50 [0.09, 2.73]
EXSCEL 2017-4	6	7344	13	7372	1.3%	0.46 [0.18, 1.22]
HARMONY 2018-3	5	4717	6	4715	0.6%	0.83 [0.25, 2.73]
LEADER 2015-12	239	4668	273	4672	27.2%	0.88 [0.74, 1.04]
PIONEER-6 2018-9	14	1591	24	1591	2.4%	0.58 [0.30, 1.12]
REWIND 2018-8	96	4943	107	4949	10.7%	0.90 [0.68, 1.18]
SUSTAIN-6 2016-3	48	1648	68	1649	6.8%	0.71 [0.49, 1.02]
Subtotal (95% CI)		**30660**		**29335**	**50.0%**	**0.83 [0.73, 0.95]**
Total events	421		500			
Heterogeneity: Chi² = 4.59, df = 7 (P = 0.71); I² = 0%						
Test for overall effect: Z = 2.82 (P = 0.005)						
Total (95% CI)		**91980**		**88005**	**100.0%**	**0.83 [0.76, 0.91]**
Total events	842		1000			
Heterogeneity: Chi² = 11.32, df = 22 (P = 0.97); I² = 0%						
Test for overall effect: Z = 3.99 (P < 0.0001)						
Test for subgroup differences: Chi² = 0.00, df = 2 (P = 1.00), I² = 0%