

**Electronic supplementary material – ESM Table 1 - Sensitivity analyses**

Sensitivity analysis	Monotherapy trials		Oral combination trials		Combination with insulin trials	
	n	Mean difference (95% CI)	n	Mean difference (95% CI)	n	Mean difference (95% CI)
Full dataset	8	-1.51 (-1.78, -1.25)	4	-1.62 (-2.24, -1.00)	17	-0.46 (-0.69, -0.24)
Restricted to trials of 100 or more participants	4	-1.61 (-1.92, -1.31)	4	-1.62 (-2.24, -1.00)	1	-0.1 (-0.41, 0.21)
Restricted to trials which reported method of randomisation	0	Not possible	0	Not possible	5	-0.46 (-0.97, 0.05)
Excluding trials in which estimations or imputations were made	7	-1.51 (-1.83, -1.19)	3	-1.86 (-2.45, -1.26)	13	-0.53 (-0.77, -0.29)
Including unblinded trials	9	-1.46 (-1.73, -1.19)	4	-1.62 (-2.24, -1.00)	29	-0.29 (-0.52, -0.07)