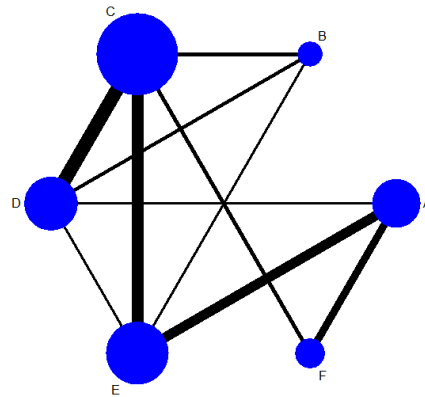


# S7 Fig. Network meta-analysis for cardiovascular-related mortality

A=placebo. B=metformin. C=sulfonylurea. D=thiazolidinedione (TZD). E=dipeptidyl peptidase-4 (DPP4) inhibitor. F=sodium glucose cotransporter-2 (SGLT2) inhibitor.

## S7A Fig. Network plot of oral antidiabetic drugs comparison of cardiovascular-related mortality

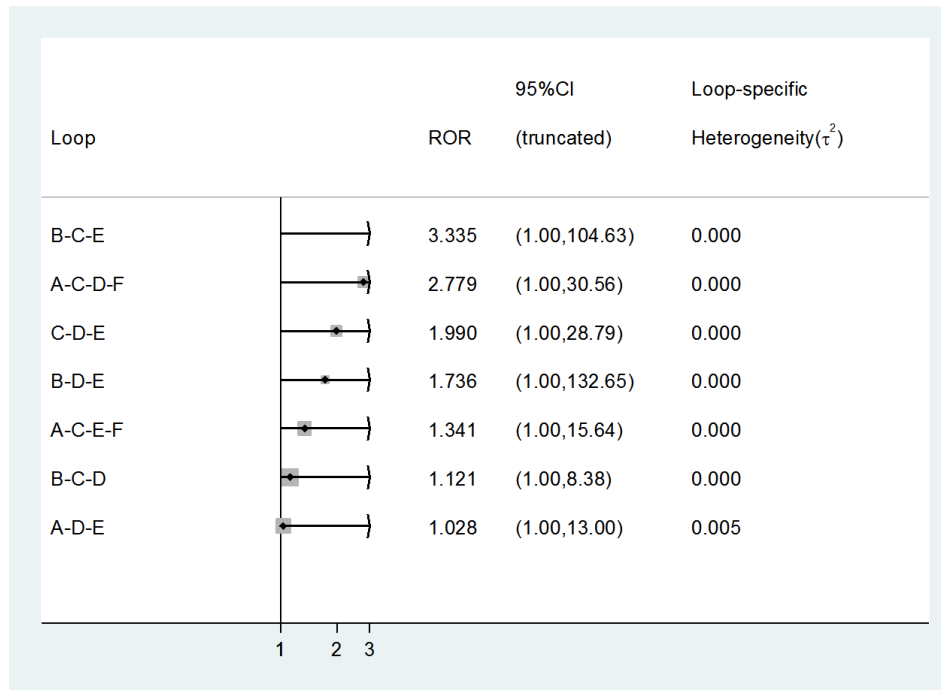


## S7B Fig. Contribution plot of oral antidiabetic drugs comparison for cardiovascular-related mortality

		Direct comparisons in the network									
		AvsD	AvsE	AvsF	BvsC	BvsD	BvsE	CvsD	CvsE	CvsF	DvsE
Network meta-analysis estimates	Mixed estimates										
	AvsD	84.1		0.6	0.3	0.6	0.3	4:0	3:7	0.6	0.9
	AvsE	1.6	95.2		0.1	0.2	0.1	1:1	1:3	0.1	0.3
	AvsF	0.6	0.4	97.2		0.1		0.5	0.3	0.9	
	BvsC	3:3	2:3	1.0	58.4	13:8	3:7	10:5	6:0	1:0	
	BvsD	13:8	12:2	1:6	29.1	11:2	2:9	18:0	9:5	1:6	0.2
	BvsE	20:3	21:7	1:4	22.8	8:4	2:4	12:1	9:2	1:4	0.3
	CvsD	19:9	17:1	2:7	5:2	4:2	1:0	30:4	16:4	2:7	0.3
	CvsE	24:0	26:4	2:4	3:9	2:9	1:0	21:4	15:2	2:4	0.3
	CvsF	19:2	12:3	31:5	3:1	2:3	0.7	17:1	11:4	2:2	0.2
	DvsE	46.1	46.4	0.3	0.2	0.5	0.2	2:8	2:7	0.3	0.6
Indirect estimates											
	AvsB	23.1	12:6	1:6	25.3	9:4	2:6	13:9	9:7	1:6	0.2
	AvsC	27.5	17:5	2:7	4:4	3:4	1:0	24:4	16:3	2:7	0.2
	BvsF	17:2	9:3	26:5	19:0	7:0	1:9	10:3	7:2	1:5	0.2
	DvsF	44.5	2:4	46.9	0.2	0.4	0.2	2:3	1:8	0.8	0.5
	EvsF	0.5	48.5	49.0		0.1	0.1	0.3	0.8	0.5	0.1
Entire network		22.6	20.0	16.4	12:3	4:8	1:3	12:4	8:3	1:5	0.3
Included studies		1	5	4	2	2	1	7	6	2	1

**S7C Fig.** Inconsistency plot for cardiovascular-related mortality of oral antidiabetic drugs assuming loop-specific heterogeneity estimates

The plot represents that in a total of 7 loops there is none with statistically significant inconsistency as all confidence intervals for RoRs are compatible with zero inconsistency (RoR=1).



**S7D Fig.** Comparison-adjusted funnel plot for network meta-analysis for cardiovascular-related mortality of oral antidiabetic drugs

