

Appendix 11 Network estimates of treatment success with GRADE assessment

Treatment comparison	Number of studies	Within-study bias	Across-studies bias	Indirectness	Imprecision	Heterogeneity	Incoherence	Confidence rating
Incretin vs Insulin	7	Major concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Low
Met vs TZD	1	No concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Moderate
Incretin vs Met	4	No concerns	suspicion	No concerns	Some concerns	No concerns	Some concerns	Moderate
Incretin vs SGLT2	2	No concerns	Undetected	No concerns	Major concerns	No concerns	Some concerns	Moderate
Placebo vs SGLT2	2	No concerns	Undetected	No concerns	Major concerns	No concerns	Some concerns	Moderate
Incretin vs SU	17	No concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Moderate
Placebo vs SU	2	No concerns	Undetected	No concerns	Some concerns	No concerns	Some concerns	High
Incretin vs TZD	5	No concerns	Undetected	No concerns	Some concerns	Some concerns	No concerns	High
Placebo vs TZD	1	No concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Moderate

aGlu incretin	vs	1	Some concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Moderate
Incretin placebo	vs	54	No concerns	Undetected	No concerns	No concerns	No concerns	Major concerns	Moderate
Insulin	vs Met	0	No concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Moderate
Insulin SGLT2	vs	0	No concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Moderate
Insulin	vs SU	0	Major concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Low
Insulin TZD	vs	0	No concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Moderate
aGlu Insulin	vs	0	Major concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Low
Insulin placebo	vs	0	Major concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Low
Met	vs SGLT2	0	No concerns	Undetected	No concerns	Some concerns	No concerns	No concerns	High
Met	vs SU	0	No concerns	Undetected	No concerns	Some concerns	No concerns	No concerns	High
aGlu	vs Met	0	No concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Moderate

Met placebo	vs	0	No concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Moderate
SGLT2 SU	vs	0	No concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Moderate
SGLT2 TZD	vs	0	No concerns	Undetected	No concerns	Some concerns	No concerns	No concerns	High
aGlu vs SGLT2		0	No concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Moderate
SU vs TZD		0	No concerns	Undetected	No concerns	Some concerns	No concerns	No concerns	High
aGlu vs SU		0	Some concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Moderate
aGlu vs TZD		0	No concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Moderate
aGlu vs placebo		0	Some concerns	Undetected	No concerns	Major concerns	No concerns	No concerns	Moderate