

Appendix 4 Summary table of review authors' judgments for each risk of bias entry for each study

Study ID	Outcome	NCT number	Random Sequence generation	Allocation concealment	Blinding participants and personnel	Blinding of outcome assessment	of complete outcome data	selective reporting	Other (Funding by industries)
Bajaj M 2014	C	NCT00996658	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Barnett AH 2012	C	NCT00740051	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Barzilai N 2011	C	NCT00305604	Low risk	Low risk	DB	Low risk	High risk	Low risk	High risk
Bosi E 2011	CR	NCT00432276	Low risk	Low risk	DB	Low risk	High risk	Low risk	High risk
Chan JCN 2008	CP	NCT00095056	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
ENDURE 2013	CR	NCT00856284	Low risk	Low risk	DB	unclear	Low risk	Low risk	High risk
EXAMINE White WB 2013	CGHR	NCT00968708	Low risk	Low risk	QB	Low risk	Low risk	Low risk	High risk
GENERATION Scherthaner G 2015	CHP	NCT01006603	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Gallwitz B 2012	CGPR	NCT00622284	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Göke B 2013	C	NCT00575588	Low risk	Low risk	QB	Low risk	Low risk	Low risk	High risk
Haak T 2013	C	NCT00915772	Low risk	Low risk	DB	Low risk	unclear	Low risk	High risk
Harley P 2015	C	NCT01189890	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Laakso M 2015	C	NCT01087502	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
NCT00295633 2014	C	NCT00295633	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
NCT00374907 2008	C	NCT00374907	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
NCT00813995 2014	C	NCT00813995	Low risk	Low risk	DB	Low risk	Low risk	unclear	High risk
NCT01183013 2014	CR	NCT01183013	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Nauck M 2007	CGHR	NCT00094770	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Olansky L 2011	C	NCT00482729	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Pratley RE 2009	C	NCT00286494	Low risk	Low risk	QB	Low risk	Low risk	Low risk	High risk
Raz I 2008	CP	NCT00337610	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Roden M 2013	C	NCT01177813	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Rosenstock J 2009	C	NCT00121641	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Rosenstock J 2010	C	NCT00395512	Low risk	Low risk	QB	Low risk	Low risk	Low risk	High risk
SAVOR-TIMI 53 Raz I 2014	CGHPR	NCT01107886	Low risk	Low risk	QB	Low risk	Low risk	Low risk	High risk
Shankar RR 2017	CH	NCT01755156	Low risk	Low risk	TB	Low risk	Low risk	Low risk	High risk
Sheu W 2015	CGH	NCT00954447	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Wainstein J 2012	C	NCT00532935	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Araki E 2015	CH	NCT01584232	Low risk	Low risk	open	High risk	Low risk	Low risk	High risk
Davies MJ 2016	H	NCT01620489	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
EUREXA Gallwitz B 2012	CR	NCT00359762	Low risk	Low risk	open	High risk	Low risk	Low risk	High risk
GetGoal-DUO-1 Riddle MC 2013	C	NCT00975286	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
GetGoal-Mono Fonseca VA 2012	C	NCT00688701	Low risk	Low risk	QB	Low risk	Low risk	Low risk	High risk
HARMONY-2 Nauck MA 2016	C	NCT00849017	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
HARMONY-6 Rosenstock J 2014	C	NCT00976391	Low risk	unclear	open	High risk	Low risk	Low risk	High risk

LEAD-2 Nauck M 2009	CHR	NCT00318461	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
LEAD-3 Garber A 2011	C	NCT00294723	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
LEADER Marre M 2015	CGHPR	NCT01179048	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Miyagawa J 2015	CP	NCT01558271	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Pfeffer MA 2015	CGHPR	NCT01147250	Low risk	Low risk	TB	Low risk	Low risk	Low risk	High risk
Umpierrez GE 2011	C	NCT00630825	Low risk	Low risk	TB	Low risk	Low risk	Low risk	High risk
CANTATA-D Trial Lavallo-Gonzalez FJ 2013	G	NCT01106677	Low risk	Low risk	TB	Low risk	Low risk	Low risk	Low risk
Kadowaki T 2013	G	NCT01026194	Low risk	Low risk	QB	Low risk	Low risk	Low risk	High risk
MARLINA-T2D study Groop 2015	G	NCT01792518	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
NCT00121667 2014	G	NCT00121667	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
NCT00998881 2014	G	NCT00998881	Low risk	Low risk	QB	Low risk	Low risk	Low risk	High risk
NCT01215097 2013	G	NCT01215097	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
DURATION-4 Russell-Jones D 2012	GH	NCT00676338	Low risk	Low risk	DB	unclear	Low risk	Low risk	High risk
GetGoal-S Rosenstock J 2014	GHR	NCT00713830	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
HARMONY-3 Ahren B 2014	R	NCT00838903	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Kadowaki T 2011	G	NCT00577824	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Kaku K 2016	G	NCT01512108	Low risk	Low risk	open	High risk	unclear	Low risk	High risk
Seino Y 2010	GR	NCT00393718	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Arechavaleta R 2009	P	NCT00701090	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Arjona Ferreira JC 2013	P	NCT00509262	Low risk	Low risk	TB	Low risk	Low risk	Low risk	High risk
Barnett AH 2013	P	NCT00757588	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Charbonnel B 2006	HP	NCT00086515	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Frederich R 2012	P	NCT00316082	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Goldstein BJ 2007-pc1	P	NCT00103857	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Goldstein BJ 2007-pc2	P	NCT00103857	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Goldstein BJ 2007-pc3	P	NCT00103857	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Jadzinsky M 2009	P	NCT00327015	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
NCT01183013 2014	CP	NCT01183013	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
NCT01519674 2014	P	NCT01519674	Low risk	unclear	open	High risk	Low risk	Low risk	High risk
TECOS Green JB 2015	CGHPR	NCT00790205	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
Violante R 2012	P	NCT00870194	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
AWARD-1 Wysham C 2014	P	NCT01064687	Low risk	Low risk	QB	Low risk	Low risk	Low risk	High risk
DUAL-I Holst JJ 2016	P	NCT01336023	Low risk	unclear	open	High risk	Low risk	Low risk	High risk
Diamant M 2014	PR	NCT00960661	Low risk	unclear	open	High risk	Low risk	Low risk	High risk
EAGLE D'Alessio D 2015	P	NCT01117350	Low risk	unclear	open	High risk	Low risk	Low risk	High risk
GetGoal-F1 Bolli G 2013	P	NCT00763451	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk
GetGoal-L Riddle MC 2013	P	NCT00715624	Low risk	Low risk	QB	Low risk	Low risk	Low risk	High risk
GetGoal-M Ahren B 2013	PR	NCT00712673	Low risk	Low risk	DB	Low risk	Low risk	Low risk	High risk

HARMONY-5 Home PD 2015	PR	NCT00839527	Low risk	Low risk	DB	Low risk	Low risk	Low risk	Low risk	High risk
LixiLan-O Davies MJ, 2017	P	NCT02058147	Low risk	Low risk	open	High risk	Low risk	Low risk	Low risk	High risk
SUSTAIN-6 Marso SP 2016	CGHPR	NCT01720446	Low risk	Low risk	DB	Low risk	Low risk	Low risk	Low risk	High risk
Terauchi Y 2014	P	NCT01001104	Low risk	Low risk	TB	Low risk	Low risk	Low risk	Low risk	High risk
Matthaei S 2016	H	NCT01619059	Low risk	Low risk	TB	Low risk	Low risk	Low risk	Low risk	High risk
AWARD-9 Pozzilli P 2017	H	NCT02152371	Low risk	Low risk	DB	Low risk	Low risk	Low risk	Low risk	High risk
SCALE Davies MJ 2015	HR	NCT01272232	Low risk	Low risk	DB	Low risk	Low risk	Low risk	Low risk	High risk
L-STEP Fujitani Y 2016	R	UMIN000008591	Low risk	unclear	unclear	unclear	Low risk	unclear	unclear	High risk
Vilsboll T 2010	R	NCT00395343	Low risk	Low risk	DB	Low risk	Low risk	Low risk	Low risk	High risk
AWARD-4 Blonde L 2015	R	NCT01191268	Low risk	Low risk	open	High risk	Low risk	Low risk	Low risk	High risk
GetGoal-L-Asia Seino Y 2012	R	NCT00866658	Low risk	Low risk	DB	Low risk	Low risk	Low risk	Low risk	High risk

