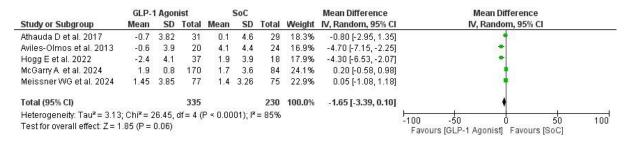
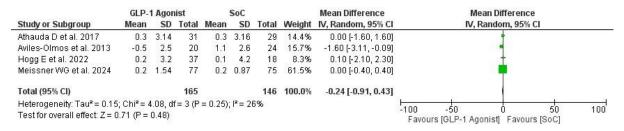


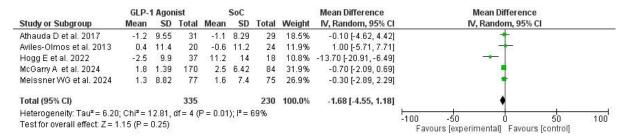
Forest plot for UPDRS-III



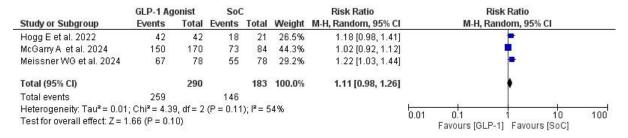
Forest plot for UPDRS-II



Forest plot for UPDRS-IV



Forest plot for PDQ-39



Forest plot for any adverse event.

	GLP-1 Ag	onist	Soc			Risk Ratio	Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	M-H, Random, 95% CI
Athauda D et al. 2017	6	31	2	29	20.9%	2.81 [0.61, 12.81]	
Aviles-Olmos et al. 2013	4	20	3	24	25.5%	1.60 [0.40, 6.32]	
Hogg E et al. 2022	5	42	2	21	20.0%	1.25 [0.26, 5.91]	- • -
Meissner WG et al. 2024	5	78	5	78	33.5%	1.00 [0.30, 3.32]	
Total (95% CI)		171		152	100.0%	1.46 [0.73, 2.93]	-
Total events	20		12				
Heterogeneity: Tau ² = 0.00); Chi² = 1.1	5, df = 3	(P = 0.78)	$(i); I^2 = 0$	1%		
Test for overall effect: Z = 1.07 (P = 0.28)							0.01 0.1 1 10 100 Favours [GLP-1 Agonist] Favours [SoC]

Forest plot for serious adverse events

	GLP-1 Ag	onist	Soc	:		Risk Ratio	Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI M-H, Random, 95% C	M-H, Random, 95% CI
Athauda D et al. 2017	24	31	18	29	32.2%	1.25 [0.89, 1.76]	+
Aviles-Olmos et al. 2013	19	20	8	24	28.5%	2.85 [1.60, 5.06]	
Hogg E et al. 2022	24	42	3	21	19.7%	4.00 [1.36, 11.78]	S
McGarry A et al. 2024	10	170	2	84	14.1%	2.47 [0.55, 11.02]	- San
Meissner WG et al. 2024	6	78	0	78	5.5%	13.00 [0.74, 226.88]	+ + + +
Total (95% CI)		341		236	100.0%	2.49 [1.20, 5.16]	•
Total events	83		31				
Heterogeneity: Tau2 = 0.40); Chi² = 14.	14, df=	4 (P = 0.0	007); l ² :	= 72%		to to to to
Test for overall effect: Z = 2.45 (P = 0.01)							0.01 0.1 1 10 100 Favours [GLP-1 Agonist] Favours [SoC]

Forest plot for weight loss