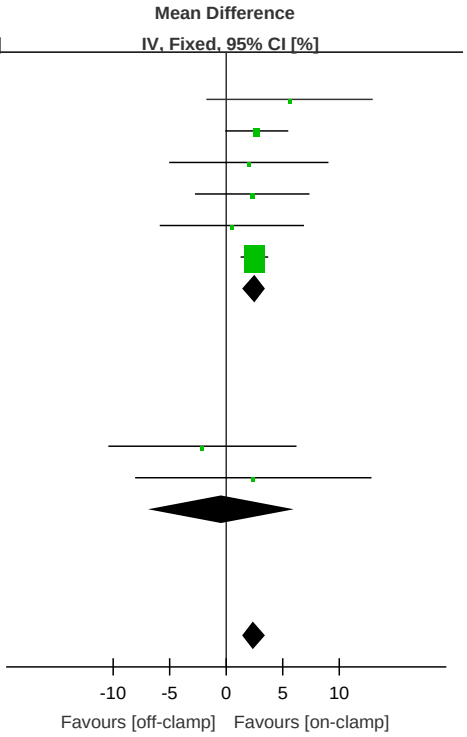Study or Subgroup	off-clamp Mean [%]	off-clamp SD [%]	off-clamp Total	on-clamp Mean [%]	on-clamp SD [%]	on-clamp Total	Weight	Mean Difference IV, Fixed, 95% CI [%]
3.4.1 Large sample subgroup								
George 2013	-5.8	41.25	150	-11.4	26.83	289	1.9%	5.60 [-1.69, 12.89]
Jabaji 2014	-14.4	10.07	75	-17.1	11.78	241	13.3%	2.70 [-0.02, 5.42]
Komninos 2015	-4	14	23	-6	21.75	114	2.0%	2.00 [-4.98, 8.98]
Lee 2014	-1.6	14.3	39	-3.9	15.9	201	4.0%	2.30 [-2.70, 7.30]
Rosen 2017	-5.1	15.19	41	-5.6	19.7	82	2.5%	0.50 [-5.81, 6.81]
Smith 2011	-9.8	4.75	190	-12.3	5.15	116	74.0%	2.50 [1.34, 3.66]
Subtotal (95% CI)			**518**			**1043**	**97.6%**	**2.52 [1.51, 3.52]**
Heterogeneity: Chi² = 1.13, df = 5 (P = 0.95); I² = 0%								
Test for overall effect: Z = 4.91 (P < 0.00001)								
3.4.2 Small sample subgroup								
Anderson 2017	-11.9	21.5	50	-9.8	20.6	50	1.4%	-2.10 [-10.35, 6.15]
Taweemonkongsap 2018	-7.5	14.96	12	-9.9	15.93	27	0.9%	2.40 [-7.98, 12.78]
Subtotal (95% CI)			**62**			**77**	**2.4%**	**-0.36 [-6.82, 6.10]**
Heterogeneity: Chi² = 0.44, df = 1 (P = 0.51); I² = 0%								
Test for overall effect: Z = 0.11 (P = 0.91)								
Total (95% CI)			**580**			**1120**	**100.0%**	**2.45 [1.46, 3.44]**
Heterogeneity: Chi² = 2.31, df = 7 (P = 0.94); I² = 0%								
Test for overall effect: Z = 4.83 (P < 0.00001)								
Test for subgroup differences: Chi² = 0.74, df = 1 (P = 0.39), I² = 0%