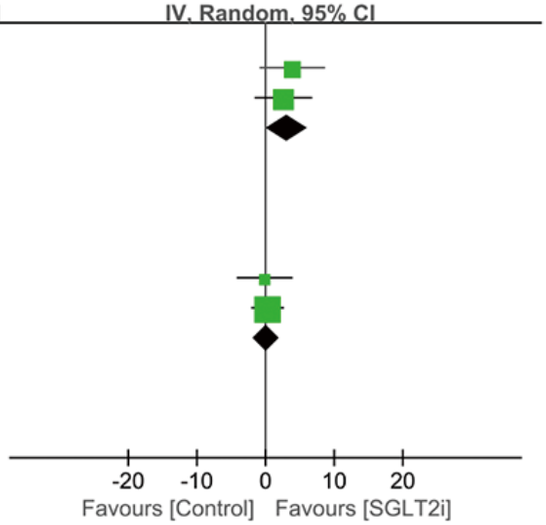
a.

Study or Subgroup	SGLT2i Mean	SGLT2i SD	SGLT2i Total	Control Mean	Control SD	Control Total	Weight	Mean Difference IV, Random, 95% CI
1.8.1 LVEF in HFrEF								
Carbone 2020	7.2	6.078	17	3.3	8.0957	19	43.2%	3.90 [-0.75, 8.55]
Tanaka 2020	5	6.9	25	2.4	8	27	56.8%	2.60 [-1.45, 6.65]
Subtotal (95% CI)			**42**			**46**	**100.0%**	**3.16 [0.11, 6.22]**
Heterogeneity: Tau² = 0.00; Chi² = 0.17, df = 1 (P = 0.68); I² = 0%								
Test for overall effect: Z = 2.03 (P = 0.04)								
1.8.2 LVEF in HFpEF								
Ejiri 2020	1.5846	14.1876	83	1.711	11.4562	82	24.7%	-0.13 [-4.06, 3.81]
Tanaka 2020	-1.2	6.3	68	-1.5	7.5	76	75.3%	0.30 [-1.96, 2.56]
Subtotal (95% CI)			**151**			**158**	**100.0%**	**0.19 [-1.76, 2.15]**
Heterogeneity: Tau² = 0.00; Chi² = 0.03, df = 1 (P = 0.85); I² = 0%								
Test for overall effect: Z = 0.19 (P = 0.85)								

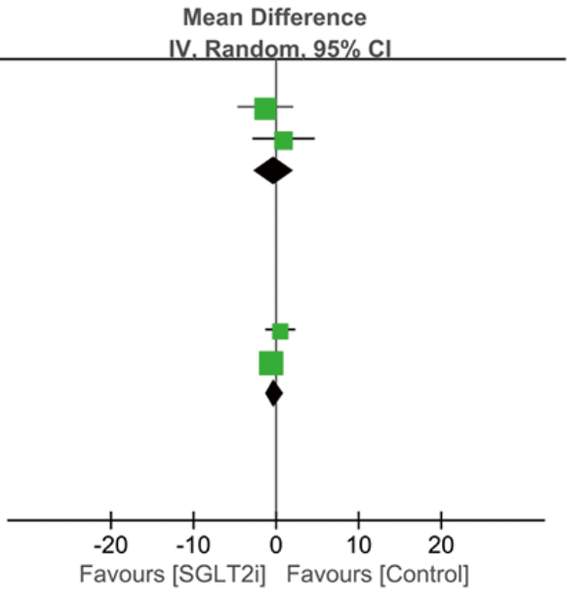
Test for subgroup differences: Chi² = 2.57, df = 1 (P = 0.11), I² = 61.1%



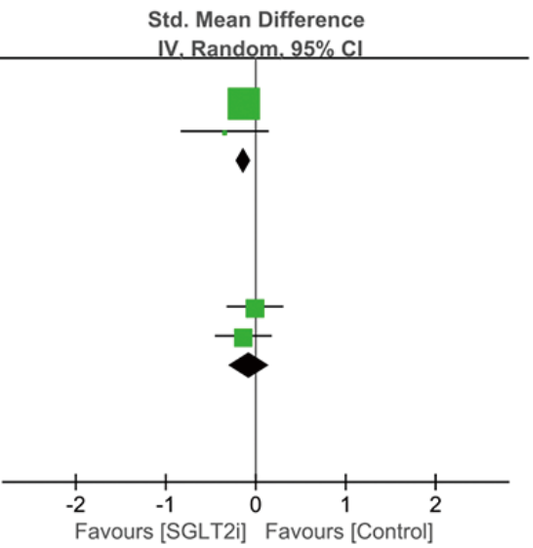
b.

Study or Subgroup	SGLT2i Mean	SGLT2i SD	SGLT2i Total	Control Mean	Control SD	Control Total	Weight	Mean Difference IV, Random, 95% CI
1.12.1 E/e' in HFrEF								
Carbone 2020	-1.8	6.57	17	-0.5	2.02	19	55.8%	-1.30 [-4.55, 1.95]
Tanaka 2020	0.5	4.6	19	-0.4	6.7	19	44.2%	0.90 [-2.75, 4.55]
Subtotal (95% CI)			**36**			**38**	**100.0%**	**-0.33 [-2.76, 2.10]**
Heterogeneity: Tau² = 0.00; Chi² = 0.78, df = 1 (P = 0.38); I² = 0%								
Test for overall effect: Z = 0.26 (P = 0.79)								
1.12.2 E/e' in HFpEF								
Ejiri 2020	0.68	6.57	83	0.18	4.32	82	37.3%	0.50 [-1.19, 2.19]
Tanaka 2020	-1.1	3.4	54	-0.5	3.9	67	62.7%	-0.60 [-1.90, 0.70]
Subtotal (95% CI)			**137**			**149**	**100.0%**	**-0.19 [-1.23, 0.85]**
Heterogeneity: Tau² = 0.01; Chi² = 1.02, df = 1 (P = 0.31); I² = 2%								
Test for overall effect: Z = 0.36 (P = 0.72)								

Test for subgroup differences: Chi² = 0.01, df = 1 (P = 0.92), I² = 0%



c.

Study or Subgroup	SGLT2i Mean	SGLT2i SD	SGLT2i Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.4.1 NT-proBNP in HFrEF								
Petrie 2020	-257	2,634.7	1075	121	3,078.8	1064	97.0%	-0.13 [-0.22, -0.05]
Tanaka 2020	-225.4	651.7808	35	-44.6	320.1306	33	3.0%	-0.34 [-0.82, 0.13]
Subtotal (95% CI)			**1110**			**1097**	**100.0%**	**-0.14 [-0.22, -0.05]**
Heterogeneity: Tau² = 0.00; Chi² = 0.74, df = 1 (P = 0.39); I² = 0%								
Test for overall effect: Z = 3.25 (P = 0.001)								
1.4.2 NT-proBNP in HFpEF								
Ejiri 2020	-26.62	176.69	83	-25.1	212.23	82	50.1%	-0.01 [-0.31, 0.30]
Tanaka 2020	-23.6	98.0886	78	9.9	318.5941	87	49.9%	-0.14 [-0.44, 0.17]
Subtotal (95% CI)			**161**			**169**	**100.0%**	**-0.07 [-0.29, 0.14]**
Heterogeneity: Tau² = 0.00; Chi² = 0.35, df = 1 (P = 0.55); I² = 0%								
Test for overall effect: Z = 0.66 (P = 0.51)								

Test for subgroup differences: Chi² = 0.31, df = 1 (P = 0.58), I² = 0%