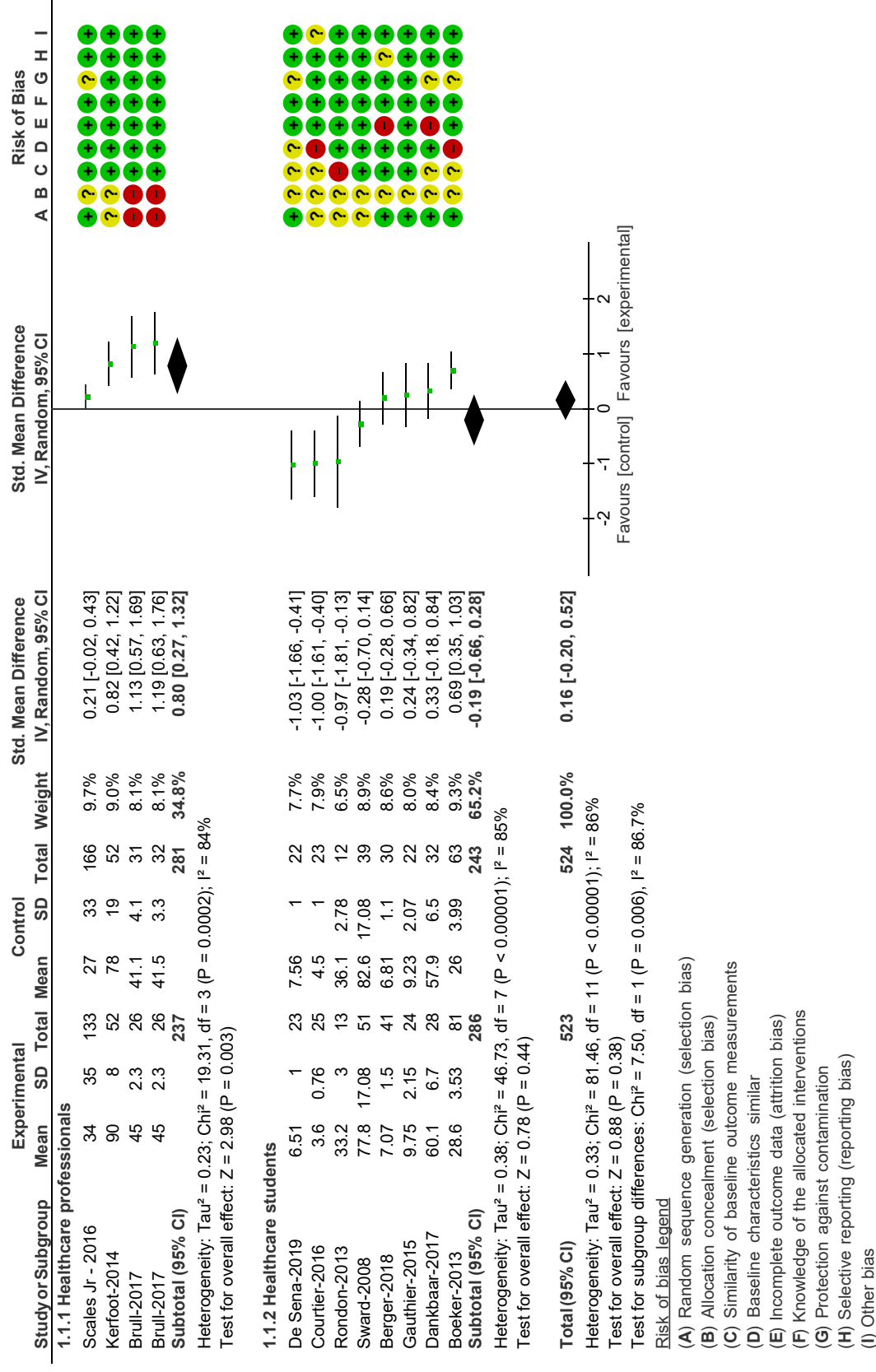
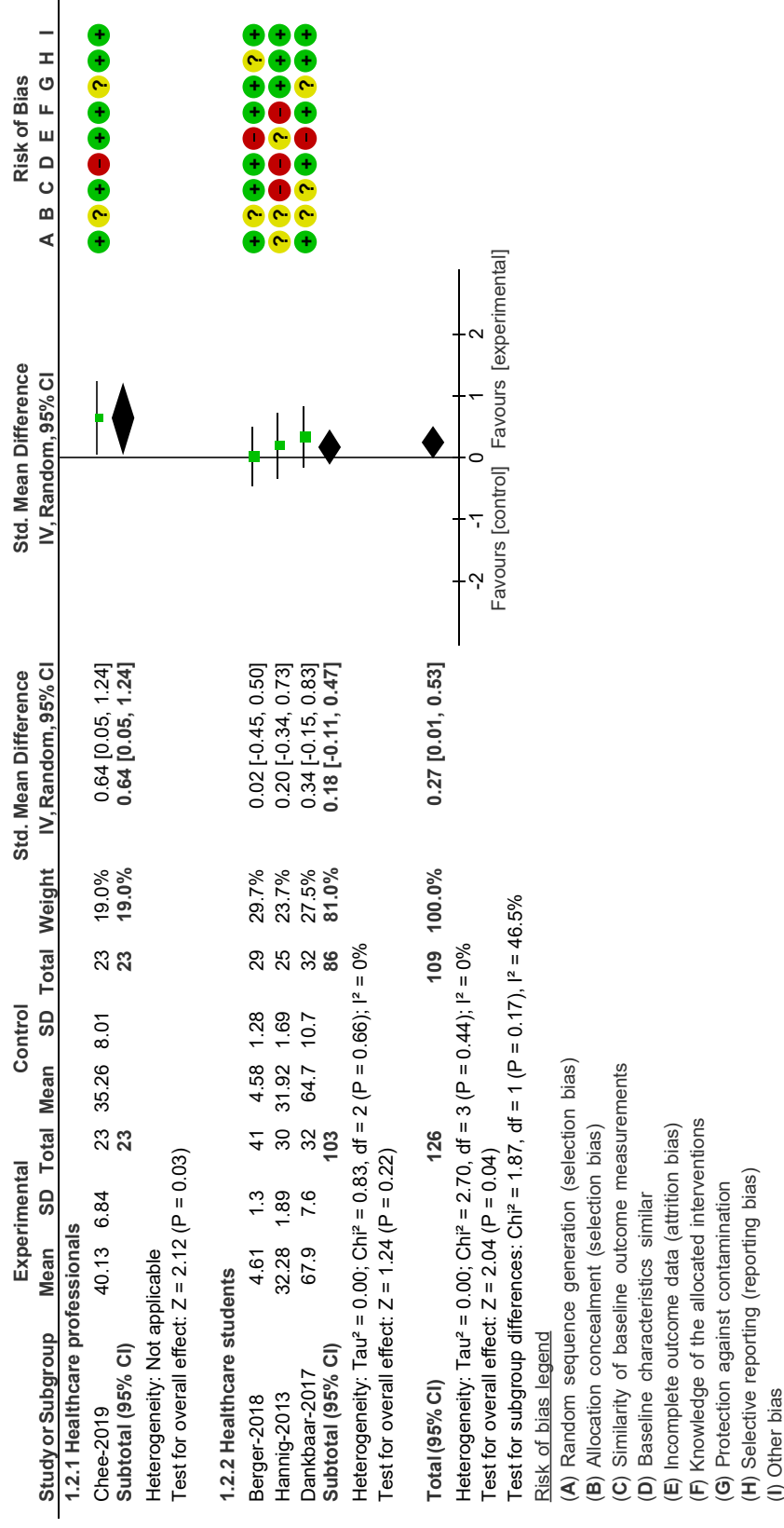


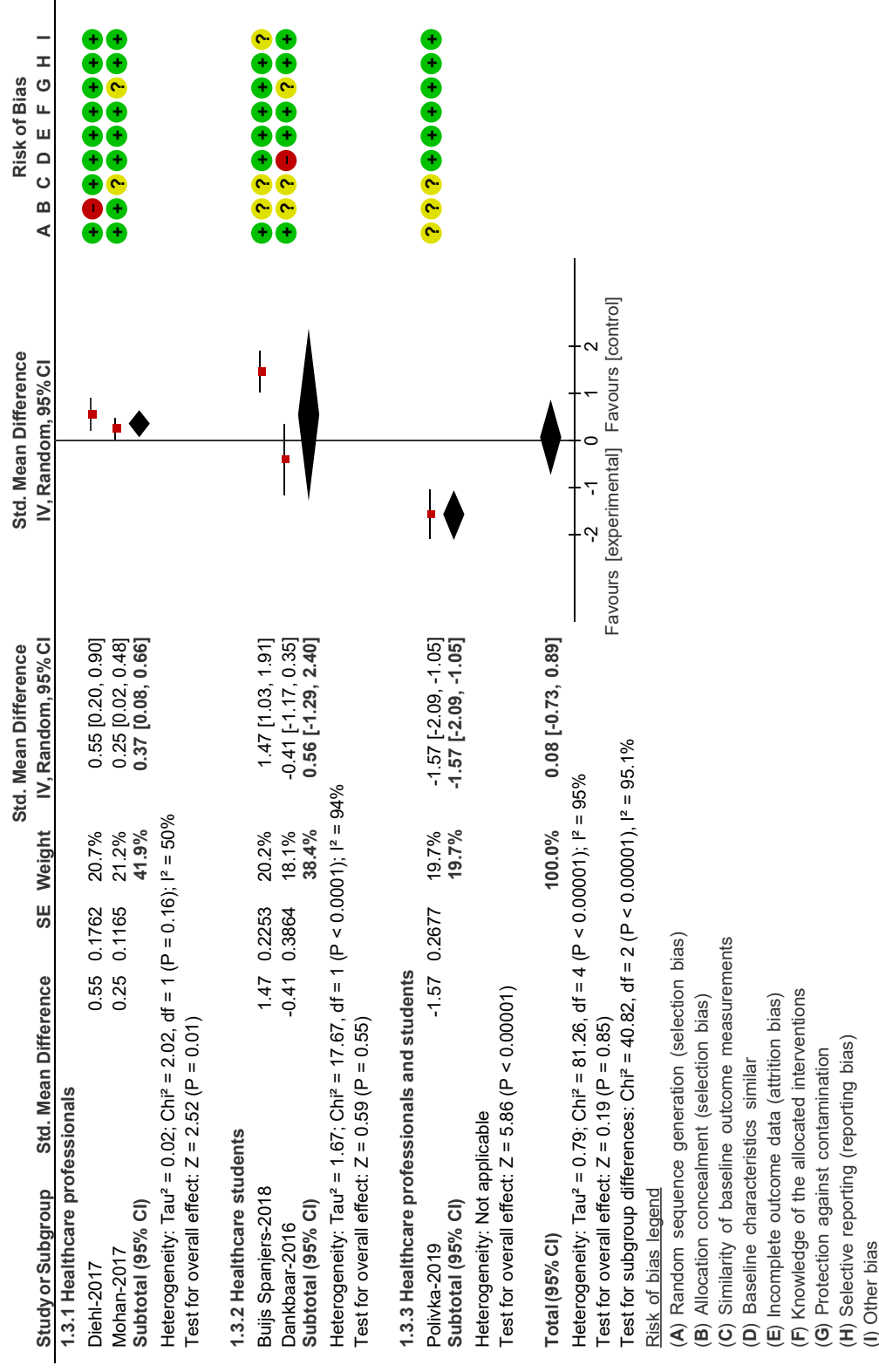
1.1 Knowledge



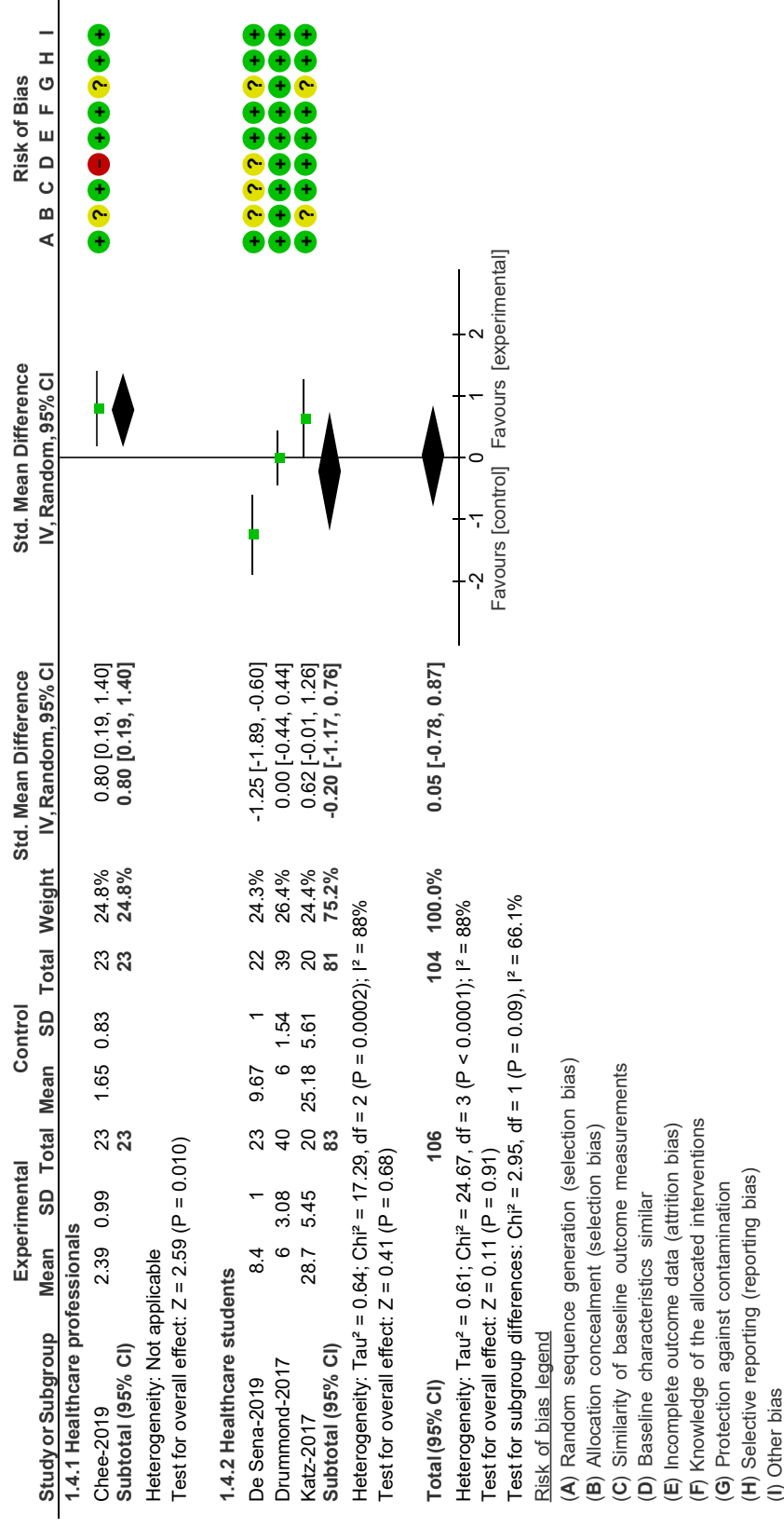
1.2 Confidence in skills



1.3 Cognitive skills



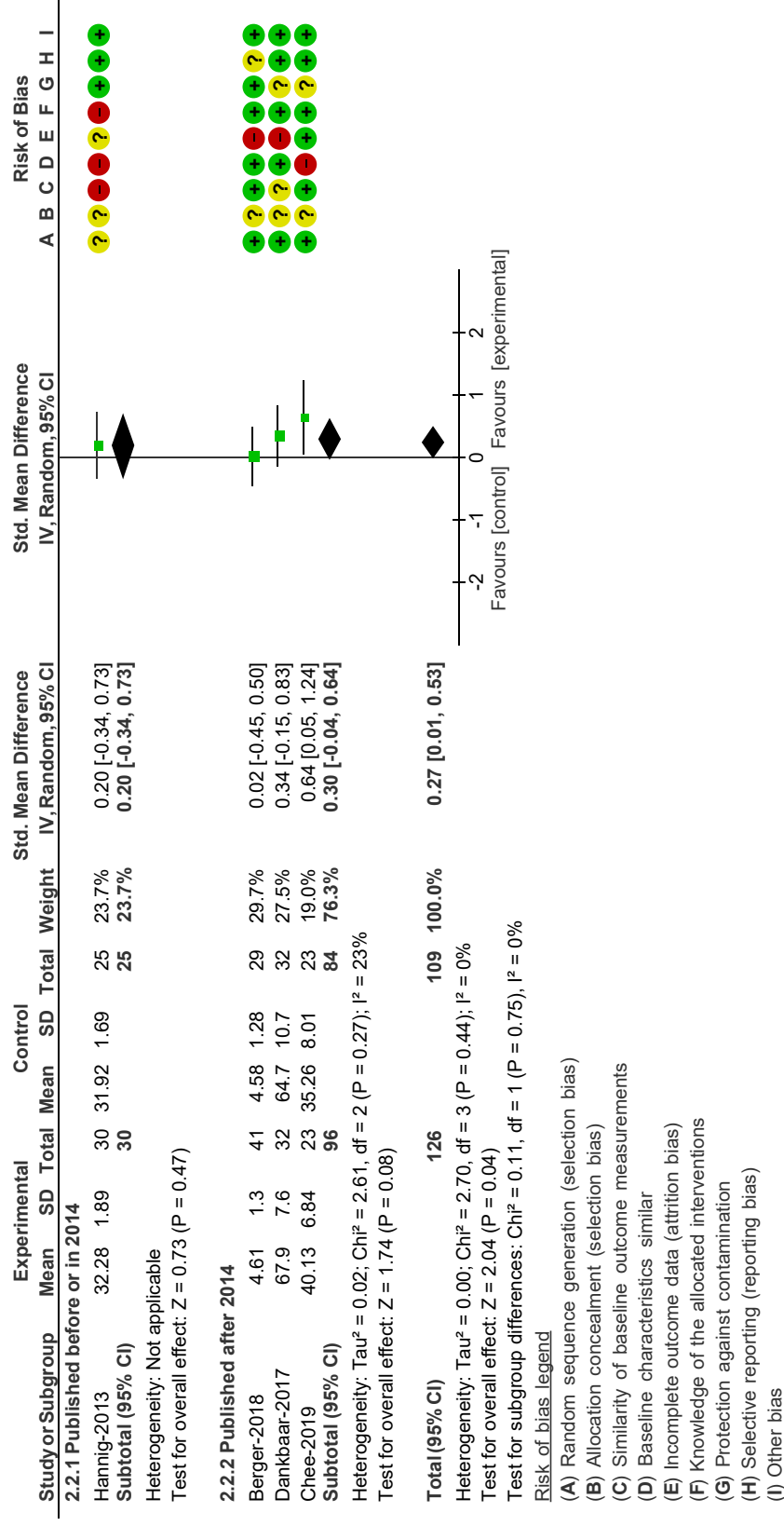
1.4 Procedural skills



2.1 Knowledge

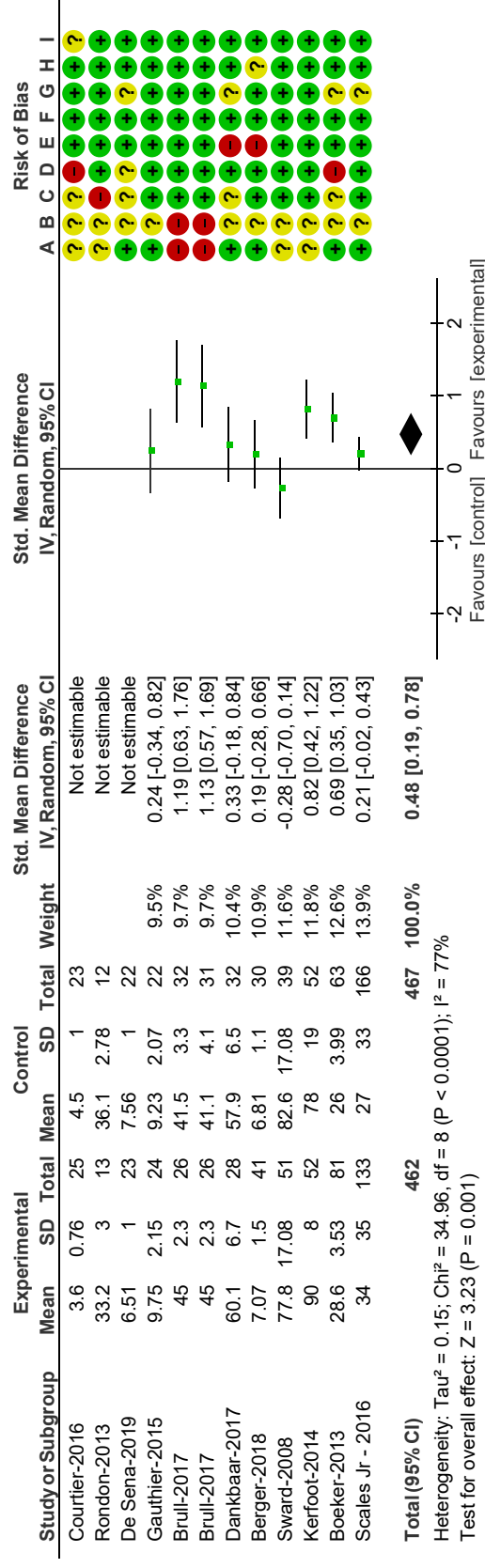
Study or Subgroup	Experimental		Control		Weight	Std. Mean Difference IV, Random, 95% CI	Risk of Bias
	Mean	SD	Total	Mean			
2.1.1 Published before or in 2014							
Rondon-2013	33.2	3	13	36.1	2.78	12	6.5%
Sward-2008	77.8	17.08	51	82.6	17.08	39	8.9%
Boeker-2013	28.6	3.53	81	26	3.99	63	9.3%
Kerfoot-2014	90	8	52	78	19	52	9.0%
Subtotal (95% CI)			197			166	33.6%
Heterogeneity: Tau ² = 0.41; Chi ² = 27.26, df = 3 (P < 0.00001); I ² = 89%							
Test for overall effect: Z = 0.39 (P = 0.70)							
2.1.2 Published after 2014							
De Sena-2019	6.51	1	23	7.56	1	22	7.7%
Courtier-2016	3.6	0.76	25	4.5	1	23	7.9%
Berger-2018	7.07	1.5	41	6.81	1.1	30	8.6%
Scales Jr - 2016	34	35	133	27	33	166	9.7%
Gauthier-2015	9.75	2.15	24	9.23	2.07	22	8.0%
Dankbaar-2017	60.1	6.7	28	57.9	6.5	32	8.4%
Bull-2017	45	2.3	26	41.1	4.1	31	8.1%
Bull-2017	45	2.3	26	41.5	3.3	32	8.1%
Subtotal (95% CI)			326			358	66.4%
Heterogeneity: Tau ² = 0.38; Chi ² = 52.73, df = 7 (P < 0.00001); I ² = 87%							
Test for overall effect: Z = 0.71 (P = 0.48)							
Total (95% CI)							
Heterogeneity: Tau ² = 0.33; Chi ² = 81.46, df = 11 (P < 0.00001); I ² = 86%							
Test for overall effect: Z = 0.88 (P = 0.38)							
Test for subgroup differences: Chi ² = 0.01, df = 1 (P = 0.94), I ² = 0%							
Risk of bias legend							
(A) Random sequence generation (selection bias)							
(B) Allocation concealment (selection bias)							
(C) Similarity of baseline outcome measurements							
(D) Baseline characteristics similar							
(E) Incomplete outcome data (attrition bias)							
(F) Knowledge of the allocated interventions							
(G) Protection against contamination							
(H) Selective reporting (reporting bias)							
(I) Other bias							

2.2 Confidence in skills



3 Sample size

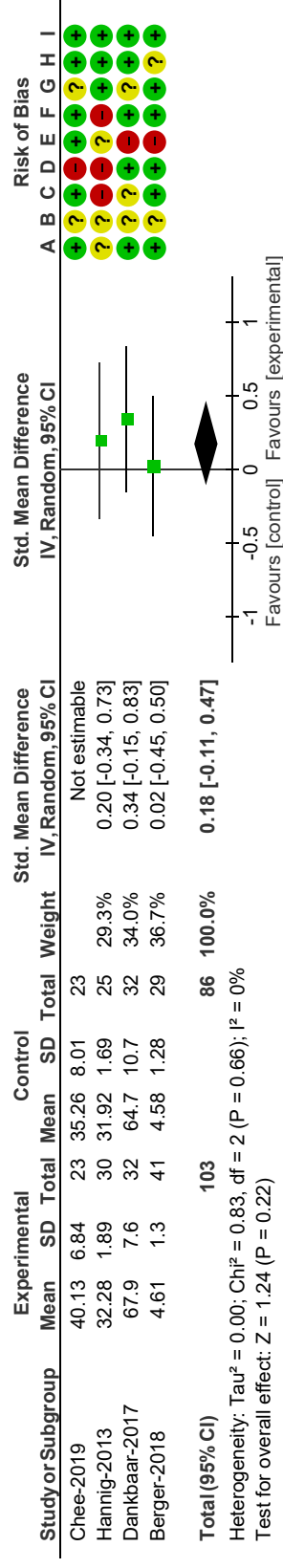
3.1 Knowledge



Risk of bias legend

- (A) Random sequence generation (selection bias)
- (B) Allocation concealment (selection bias)
- (C) Similarity of baseline outcome measurements
- (D) Baseline characteristics similar
- (E) Incomplete outcome data (attrition bias)
- (F) Knowledge of the allocated interventions
- (G) Protection against contamination
- (H) Selective reporting (reporting bias)
- (I) Other bias

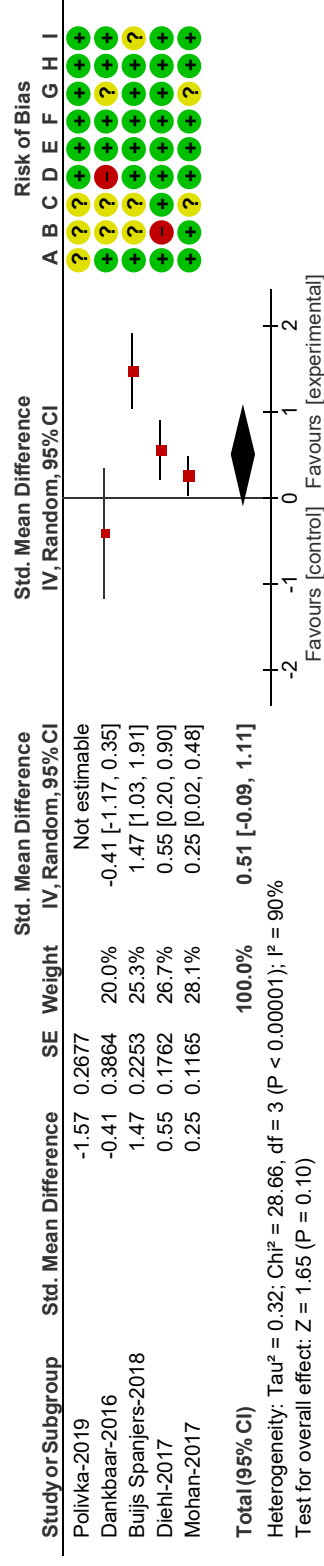
3.2 Confidence in skills



Risk of bias legend

- (A) Random sequence generation (selection bias)
- (B) Allocation concealment (selection bias)
- (C) Similarity of baseline outcome measurements
- (D) Baseline characteristics similar
- (E) Incomplete outcome data (attrition bias)
- (F) Knowledge of the allocated interventions
- (G) Protection against contamination
- (H) Selective reporting (reporting bias)
- (I) Other bias

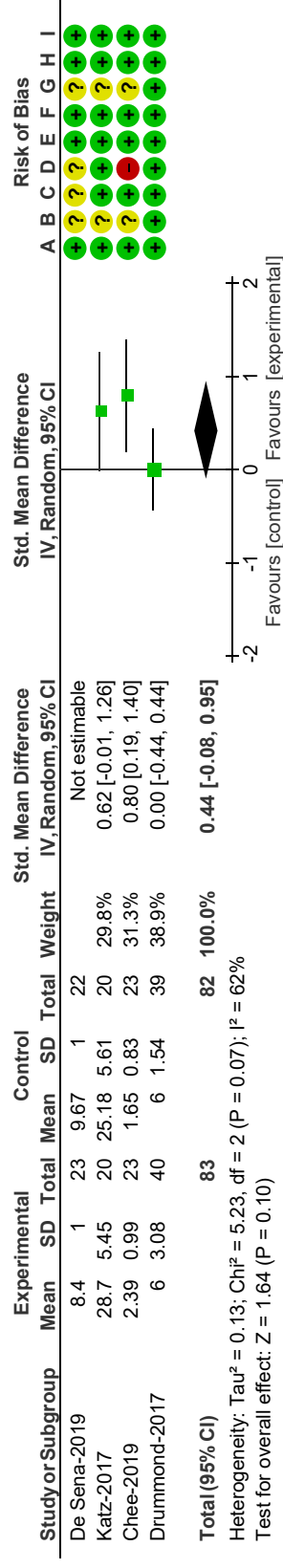
3.3 Cognitive skills



Risk of bias legend

- (A) Random sequence generation (selection bias)
- (B) Allocation concealment (selection bias)
- (C) Similarity of baseline outcome measurements
- (D) Baseline characteristics similar
- (E) Incomplete outcome data (attrition bias)
- (F) Knowledge of the allocated interventions
- (G) Protection against contamination
- (H) Selective reporting (reporting bias)
- (I) Other bias

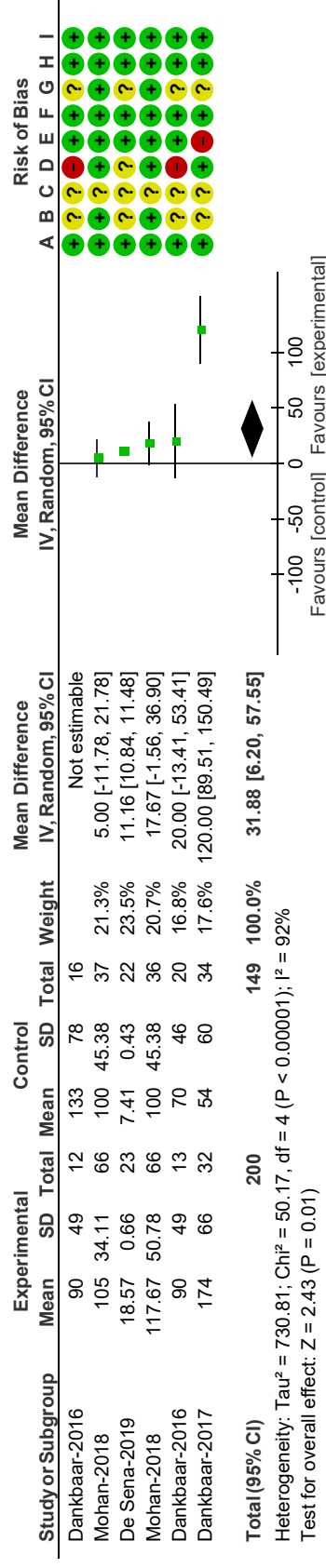
3.4 Procedural skills



Risk of bias legend

- (A) Random sequence generation (selection bias)
- (B) Allocation concealment (selection bias)
- (C) Similarity of baseline outcome measurements
- (D) Baseline characteristics similar
- (E) Incomplete outcome data (attrition bias)
- (F) Knowledge of the allocated interventions
- (G) Protection against contamination
- (H) Selective reporting (reporting bias)
- (I) Other bias

3.5 Learning time with the intervention



Risk of bias legend

- (A) Random sequence generation (selection bias)
- (B) Allocation concealment (selection bias)
- (C) Similarity of baseline outcome measurements
- (D) Baseline characteristics similar
- (E) Incomplete outcome data (attrition bias)
- (F) Knowledge of the allocated interventions
- (G) Protection against contamination
- (H) Selective reporting (reporting bias)
- (I) Other bias