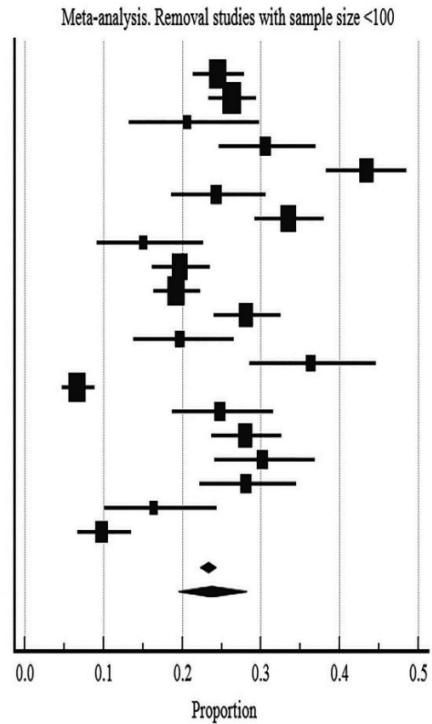


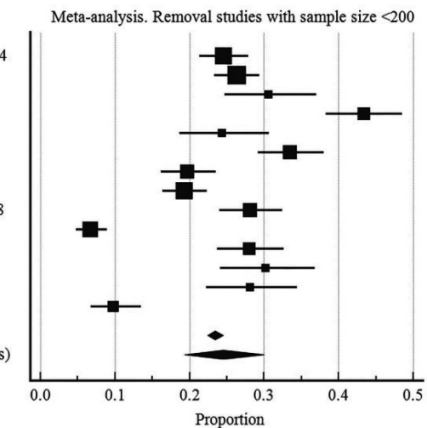
Study	sample size	Proportion (%)	95% CI
Buschman et al. 2014	702	24.501	21.361 to 27.857
Stelloo. et al 2016	834	26.259	23.301 to 29.386
Auguste et al. 2018	102	20.588	13.219 to 29.733
Basil et al., 2000	229	30.568	24.669 to 36.977
Bosse et al, 2018	376	43.351	38.279 to 48.529
Cohen et al.,2011	210	24.286	18.649 to 30.664
de Jong et al, 2012	463	33.477	29.188 to 37.979
Hirai et al.2008	120	15.000	9.139 to 22.667
Black et al. 2006	473	19.662	16.173 to 23.534
Nagle et al. 2018	698	19.198	16.339 to 22.319
Kommoss et al. 2018	452	28.097	23.998 to 32.486
Mackay et al. 2010	163	19.632	13.833 to 26.569
Maruyama et al. 2001	146	36.301	28.511 to 44.660
Mills et al. 2014	605	6.612	4.765 to 8.895
Djordjevic et al. 2013	186	24.731	18.711 to 31.575
Okoye et al. 2016	411	27.981	23.691 to 32.590
Ruiz I et al. 2014	212	30.189	24.090 to 36.851
Shikama et al. 2016	221	28.054	22.236 to 34.472
Stelloo et al 2015.	116	16.379	10.159 to 24.391
Talhok et al.2017	319	9.718	6.699 to 13.510
Total (fixed effects)	7038	23.333	22.350 to 24.337
Total (random effects)	7038	23.765	19.604 to 28.194
Q		341.919	
DF		19	
Significance level		P < 0.001	
I <sup>2</sup> (inconsistency)		94.440%	
95% CI for I <sup>2</sup>		92.630 to 95.810	

(A)



Study	sample size	Proportion (%)	95% CI
Buschman et al. 2014	702	24.501	21.361 to 27.857
Stelloo et al 2016	834	26.259	23.301 to 29.386
Basil et al., 2000	229	30.568	24.669 to 36.977
Bosse et al, 2018	376	43.351	38.279 to 48.529
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Ruiz et al. 2014	212	30.189	24.090 to 36.851
Shikama et al. 2016	221	28.054	22.236 to 34.472
Talhok et al. 2017	319	9.718	6.699 to 13.510
Total (fixed effects)	6205	23.439	22.391 to 24.512
Total (random effects)	6205	24.454	19.308 to 29.997
Q		319.622	
DF		13	
Significance level		P < 0.001	
I <sup>2</sup> (inconsistency)		95.930%	
95% CI for I <sup>2</sup>		94.460 to 97.020	

(B)



**Supplementary Fig. S15.** Sensitivity analysis [1,2,5-7,9-11,13,23,25]: (A) removal of studies with sample size <100 and (B) removal of studies with sample size <200. CI, confidence interval.