Supplementary file

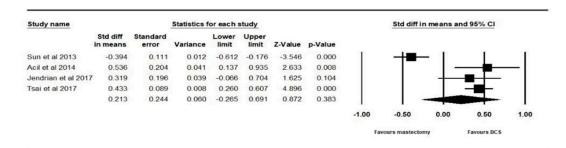


Figure S1. Forest plot showing the standardised mean difference of the sexual enjoyment score in patients who underwent mastectomy vs BCS (SMD = 0.213; 95% CI -0.265–0.691; p = 0.383).

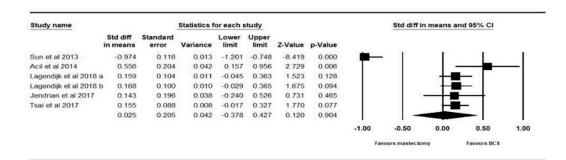


Figure S2. Forest plot showing the standardised mean difference of the sexual functioning score in patients who underwent mastectomy vs BCS (SMD = 0.025; 95% CI -0.378-0.427; p = 0.904).

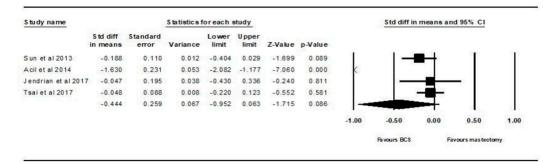


Figure S3. Forest plot showing the standardised mean difference of the upset with hair loss score in patients who underwent mastectomy vs BCS (SMD = -0.444; 95% CI -0.952-0.063; p = 0.086).

Study name			Statistics for each study						Std diff in means and 95% CI			
	Std diff in means	Standard error	Variance	Lower limit	Upper limit	Z-Value	p-Value					
Sun et al 2013	-4.457	0.196	0.039	-4.842	-4.072	-22.700	0.000	k	1	T	- 1	1
Acil et al 2014	-0.813	0.208	0.043	-1.221	-0.405	-3.908	0.000					
Lagendijk et al 2018 a	-0.326	0.105	0.011	-0.531	-0.121	-3.112	0.002		89			- 1
Jendrian et al 2017	-0.158	0.196	0.038	-0.541	0.225	-0.808	0.419			-		
Tsai et al 2017	-0.036	0.088	0.008	-0.207	0.136	-0.410	0.682					
	-1.153	0.656	0.431	-2.439	0.134	-1.756	0.079	l l	-		I	J
								-4.00	-2.00	0.00	2.00	4.00
									Favours BC\$		Favours mastectomy	

Figure S4. Forest plot showing the standardised mean difference of the arm symptoms score in patients who underwent mastectomy vs BCS (SMD = -1.153; 95% CI -2.439-0.134; p = 0.079).

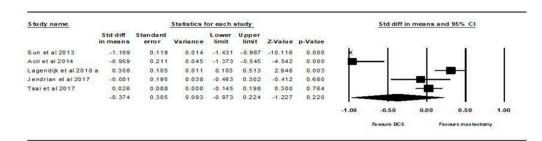


Figure S5. Forest plot showing the standardised mean difference of the breast symptoms score in patients who underwent mastectomy vs BCS (SMD = -0.374; 95% CI -0.973-0.224; p = 0.220).