



Supplementary Material

10.1302/0301-620X.104B7.BJJ-2021-1732.R1

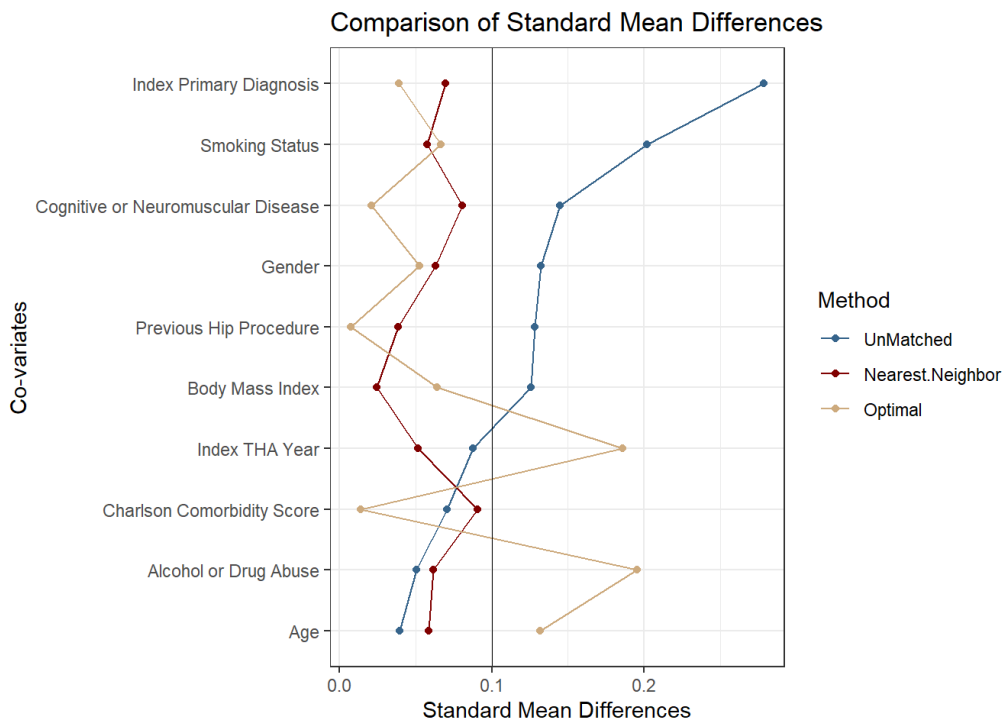


Fig a. Comparison of standardized mean differences in baseline characteristics for Clinical Practice Research Datalink primary total hip arthroplasty patients before and after propensity score matching.

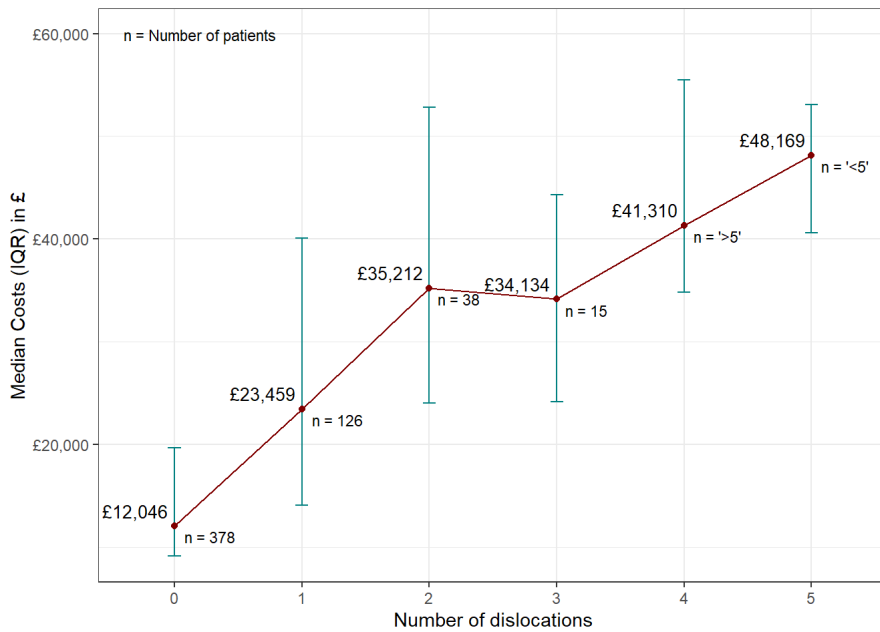


Fig b. Variation in overall two-year direct medical cost with dislocation events in two years post-index period. IQR, interquartile range.

Table i. Specific cost sub-components for matched Clinical Practice Research Datalink primary total hip arthroplasty patients without and with dislocation over two years.

Variables	With dislocation (n = 190)	Without dislocation (n = 378)	p-value*
Median inpatient ICU stay cost, £ (IQR)	1,109 (1,089 to 2,177)	1,876 (1,099 to 2,275)	0.415
Median community care cost, £ (IQR)			
Consultations	1,120 (678 to 1,719)	915 (571 to 1,290)	< 0.001
Medications	479 (193 to 1,471)	255 (96 to 721)	< 0.001
Diagnostic tests	299 (142 to 590)	288 (124 to 560)	0.711
Physiotherapy visits	354 (159 to 672)	£239 (£120; 605)	0.048

ICU, intensive care unit; IQR, interquartile range.

*Mann-Whitney U test.

Table ii. Variation in quality of life for primary total hip arthroplasty with dislocation events.

Quality of life measure	Number of dislocations after PTHA and prior to filling Questionnaire 2			p-value*
	No dislocation	One dislocation	More than one dislocation	
Change in EQ-5D Index for primary THA, n	187	53	13	
Mean (SD)	0.44 (0.35)	0.26 (0.35)	0.18 (0.36)	< 0.001
Change in EQ-5D Health scale for primary THA, n	175	49	13	
Mean (SD)	8.85 (22.93)	5.35 (24.22)	-15.62 (27.19)	0.001
Change in Oxford Hip score for primary THA, n	197	56	14	
Mean (SD)	21.19 (10.10)	13.34 (11.78)	11.29 (11.61)	< 0.001

EQ-5D, EuroQol five-dimension; PTHA, primary total hip arthroplasty; SD, standard deviation.

*Analysis of variance.