

Supplementary Table 3

Characteristics	N (%)	Missing values N (%)
Number of participants	1,750	
Age	66 [60, 73]	7 (0.4%)
Female	481 (27.6%)	5 (0.3%)
ASA class		28 (1.6%)
ASA I	30 (1.7%)	
ASA II	422 (24.5%)	
ASA III	1,169 (67.9%)	
ASA IV	101 (5.9%)	
ASA V	0 (0.0%)	
Clinical Frailty Score, age >65 years	1,029	13 (1.2%)
Fit (1-3)	642 (62.4%)	
Risk of frailty (4)	231 (22.4%)	
Mild frailty (5)	84 (8.2%)	
Frail (6-8)	59 (5.7%)	
Cardiac Surgery	852 (48.7%)	0 (0%)
CABG	444 (25.4%)	
AVR	157 (9.0%)	
MVP/R	107 (6.1%)	
CABG + AVR	106 (6.1%)	

Bentall procedure	46 (2.6%)	
CABG + MVP/R	16 (0.9%)	
AVR + MVP/R	13 (0.7%)	
TVP	3 (0.2%)	
AVR + TVP	2 (0.1%)	
Other	4 (0.2%)	
Pulmonary Surgery	76 (4.3%)	0 (0%)
Segmentectomy	61 (3.5%)	
Lobectomy	3 (0.2%)	
Pneumonectomy	12 (0.7%)	
Gastro-Intestinal- and Hepatobiliary surgery	452 (25.8%)	0 (0%)
Colorectal surgery	280 (16.0%)	
Pancreatic surgery	118 (6.7%)	
Other Gastro-intestinal surgery	54 (3.1%)	
Vascular Surgery	194 (10.1%)	0 (0%)
Aortic surgery	100 (5.7%)	
Peripheral vascular surgery	94 (5.4%)	
Cystectomy	41 (2.4%)	0 (0%)
Reoperation	39 (2.2%)	0 (0%)
Open approach	1,106 (63.2%)	0 (0%)
Biobank participant	1,593 (91.0%)	0 (0%)

Baseline characteristics of the BIGPROMISE cohort at January 1st 2024. Data are displayed in numbers (%) or median (Interquartile range). ASA: American Society of Anaesthesiologists. CABG: Coronary artery bypass grafting. AVR: Aortic valve replacement. MVP/R: Mitral valve plasty / Replacement. TVP: Tricuspid valve plasty.