

Online Supplemental Table

Table C: Missingness of variables used for building the multiple imputation model (N = 847)

Group	Missing (%)	Description of variables
Design variables	0	Group: intervention or control [#]
Covariates	0	Hospital: Bernau or Jena [#]
	0	Preference: preferred interventions or refusal [#]
	0	Gender: female or male [#]
	0	Age [#]
	99 (11.7)	Preoperative mobility measured by 2MWT
	118 (13.9)	Preoperative anxiety
	116 (13.7)	Preoperative depression
	127 (15.0)	Preoperative social support
	148 (17.5)	Preoperative well-being (positive mood)
	141 (16.6)	Preoperative well-being (negative mood)
	156 (18.4)	Religiosity
	0	Number of bypasses [#]
	0	Valve replacement [#]
	4 (0.5)	EuroSCORE
	4 (0.5)	Serum creatinine
	170 (20.1)	BMI
Treatment outcomes	0	Myocardial infarction [#]
	1 (0.1)	Reoperation
	3 (0.4)	Cardiac arrest
	42 (5.0)	Prolonged ventilation
	0	Graft occlusion [#]

2 (0.2)	Rethoracotomy
0	Wound infection [#]
0	Renal failure [#]
0	Pneumothorax [#]
0	Pericardial effusion [#]
0	Pleural effusion [#]
0	Mediastinitis [#]
0	Transient delirium [#]
1 (0.1)	Arrythmia
0	In-hospital mortality [#]
185 (21.8)	Postoperative anxiety
183 (21.6)	Postoperative depression
148 (17.5)	Postoperative well-being (positive mood)
141 (16.6)	Postoperative well-being (negative mood)
186 (22.0)	Patient satisfaction
210 (24.8)	Postoperative pain
71 (27.4)	Helping alliance perceived by patient [§]
66 (25.5)	Helping alliance perceived by therapist [§]

[#]used as auxiliary variable in the imputation model; [§]imputed only for patients of the intervention group ($n = 259$)