

Table S1 Factors associated with higher levels of RDW in multivariable linear regression

Variables	β coefficient	95% CI	P value
Hemoglobin	-0.028	-0.033 to -0.023	<0.001
Mean corpuscular volume	-0.091	-0.105 to -0.076	<0.001
Left atrial diameter, mm	0.022	0.012 to 0.032	<0.001
eGFR, mL/min	-0.007	-0.011 to -0.004	<0.001
Syncope	0.316	0.104 to 0.528	0.004
Male sex	0.323	0.128 to 0.518	0.001
Low density lipoprotein	-0.091	-0.177 to -0.004	0.04
Aortic valve ring diameter, mm	-0.037	-0.072 to -0.002	0.04
NYHA class	0.162	0.010 to 0.314	0.04

eGFR, estimated glomerular filtration rate; NYHA, New York Heart Association.

Table S2 Perioperative data among different groups

Variable	Quartile 1 (n=246)	Quartile 2 (n=202)	Quartile 3 (n=220)	Quartile 4 (n=199)	P value
Concomitant procedures					
Mitral valvuloplasty	25 (10.2%)	20 (9.9%)	25 (11.4%)	17 (8.5%)	0.818
Mitral valve replacement	3 (1.2%)	4 (2.0%)	4 (1.8%)	6 (3.0%)	0.598
Double valve replacement	0 (0.0%)	0 (0.0%)	1 (0.5%)	3 (1.5%)	0.02
Tricuspid valvuloplasty	15 (6.1%)	17 (8.4%)	17 (7.7%)	24 (12.1%)	0.04
RVOTO correction	3 (1.2%)	1 (0.5%)	2 (0.9%)	3 (1.5%)	0.772
WPW pathway amputation	5 (2.0%)	1 (0.5%)	2 (0.9%)	0 (0.0%)	0.134
Maze procedure	6 (2.4%)	8 (4.0%)	16 (7.3%)	17 (8.5%)	0.02
CABG	29 (11.8%)	12 (18.8%)	13 (17.3%)	12 (14.6%)	0.176
Myocardial unroofing	27 (11.0%)	9 (4.5%)	8 (3.6%)	8 (4.0%)	0.002
CPB time, min	94 (79–114)	95 (77–117)	99 (78–131)	96 (82–130)	0.229
Aortic cross-clamping time, min	64.0 (50.8–79.0)	63.0 (49.8–79.0)	64.0 (52.0–94.8)	64.0 (53.0–86.0)	0.247
Ventilation time, hour	17 (13–18)	17 (13–20)	17 (14–20)	18 (15–21)	0.01
Postoperative hospital stays, day	7 (6–8)	7 (6–8)	7 (7–9)	7 (7–9)	0.01
Intensive care unit stay, day	2.2±1.4	2.3±2.1	2.4±2.9	2.5±2.2	0.664

RDW quartiles 1 to 4 were defined by <12.5%, 12.5% to 12.8%, 12.9% to 13.4%, and >13.4, respectively. RVOTO, right ventricular outflow tract obstruction; WPW, Wolff Parkinson White; CPB, cardiopulmonary bypass time; CABG, coronary artery bypass grafting.