

Table S1 Comparison of the changes in aortic root size during follow-up between the groups

Variables	Preoperative	Early postoperative		Follow-up		P*
	Root diameter, mm	Duration, days	Root diameter, mm	Duration, months	Root diameter, mm	
Ao-AVR group (n=130)	35.6±5.6	7 [5, 8]	35.9±5.1	30 [16, 48]	35.3±5.8	0.49
Iso-AVR group (n=108)	33.2±4.4	6 [4, 7]	34.1±4.1	37 [13, 62]	33.7±4.5	0.12

Continuous variables are presented as mean ± standard deviation for normally distributed data or medians with interquartile ranges for nonnormally distributed. *, analyses were performed with repeated measures analysis of variance (ANOVA).

Table S2 Comparison of the changes in aortic root size during follow-up in the subgroup patients with bicuspid aortic valves

Variables	Preoperative	Early postoperative		Follow-up		P*
	Root diameter, mm	Duration, days	Root diameter, mm	Duration, months	Root diameter, mm	
Ao-AVR group (n=93)	35.3±5.3	7 [5, 9]	35.5±4.5	32 [15, 52]	34.8±5.2	0.25
Iso-AVR group (n=42)	33.1±4.1	5 [4, 6]	34.6±4.1	45 [13, 65]	34.0±4.4	0.09

*, analyses were performed with repeated measures analysis of variance (ANOVA). Continuous variables are presented as mean ± standard deviation for normally distributed data or medians with interquartile ranges for nonnormally distributed.