

Supplementary Table 1. Difference between men and female at the tricuspid and mitral valves' annulus dimension (absolute values are given):

Parameters N=87	Male N=35	Female N=52	p-value*
MV3D1	3.29 ± 0.2	3.04 ± 0.2	0.000
MV3D2	2.23 ± 0.2	2.24 ± 0.3	0.873
MV tenting D	0.38 ± 0.09	0.37 ± 0.09	0.054
MV tenting Area	0.47 ± 0.1	0.46 ± 0.1	0.785
MV annulus Area	5.68 ± 0.7	5.33 ± 0.8	0.070
MV4CH1	3.24 ± 0.1	3.05 ± 0.2	0.001
MV4CH2	2.96 ± 0.2	2.68 ± 0.2	0.000
MVPLAX1	2.94 ± 0.3	2.79 ± 0.2	0.014
MVPLAX2	2.62 ± 0.2	2.50 ± 0.2	0.152
MV2CH1	3.05 ± 0.3	2.92 ± 0.2	0.060
MV2CH2	2.84 ± 0.2	2.60 ± 0.3	0.010
MVALAX1	2.89 ± 0.3	3.50 ± 0.3	0.100
MVALAX2	2.56 ± 0.2	2.20 ± 0.2	0.020
TV3D1	3.59 ± 0.2	3.40 ± 0.2	0.004
TV3D2	2.73 ± 0.3	2.49 ± 0.3	0.003
RAD1	4.22 ± 0.5	4.14 ± 0.4	0.051
RAD2	4.08 ± 0.5	3.45 ± 0.4	0.000
RA Area	15.8 ± 2.7	13.2 ± 2.1	0.000
RAV	43.7 ± 12.6	31.60 ± 8.52	0.028
TV annulus Area	7.40 ± 0.9	6.69 ± 1.09	0.004
TV4CH1	3.26 ± 0.3	2.99 ± 0.3	0.001
TV4CH2	2.76 ± 0.3	2.42 ± 0.3	0.000
TVRVIF1	3.44 ± 0.3	3.18 ± 0.4	0.020
TVRVIF2	2.89 ± 0.3	2.70 ± 0.4	0.255
TVSAX1	3.52 ± 0.2	3.17 ± 0.4	0.013
TVSAX2	3.02 ± 0.3	2.69 ± 0.4	0.023

TV3D1: TV annulus diameter in anterior-posterior aspect, in en-face view, using 3D echocardiography, TV3D2: TV annulus diameter in lateral-medial diameters, in en-face view, using 3D echocardiography, RAD1: Right atrium diameter (longitudinal diameter), RAD2: Right atrium diameter (transverse diameter), RAV: Right atrial volume,

MV3 D1: MV annulus diameter in anterior-posterior aspect, in en-face view, using 3D echocardiography, MV3 D2: MV annulus diameter in medial-lateral dimension, in en-face view, using 3D echocardiography, MV area: cross-section of the tricuspid annulus (in en-face views, using 3D echocardiography).

*Independent sample T-test

‡ Mann-Whitney U test