

Table 4. CMR metrics in women of White ethnicity using smooth segmentation, indexed by height

Variable	18- 29	30- 39	40- 49	50- 59	60- 69	70+
N (min – max)	(50 - 102)	(84 - 137)	(458 - 518)	(858 - 925)	(874 - 928)	(1,041 - 1,116)
Left ventricle						
LVEDV (ml)	149 [107, 191]	143 [101, 185]	137 [94, 179]	130 [88, 173]	124 [82, 166]	118 [76, 160]
LVEDVi (ml/m)	88 [64, 112]	85 [61, 109]	82 [58, 107]	79 [55, 104]	76 [52, 101]	74 [49, 98]
LVESV (ml)	59 [36, 82]	56 [33, 78]	53 [30, 75]	49 [27, 72]	46 [24, 69]	43 [20, 66]
LVESVi (ml/m)	35 [22, 48]	33 [20, 47]	32 [18, 45]	30 [17, 43]	28 [15, 42]	27 [14, 40]
LVSV (ml/m)	90 [62, 119]	87 [58, 116]	84 [55, 113]	81 [52, 110]	78 [49, 107]	75 [46, 103]
LVSVi (ml/m)	53 [37, 70]	52 [35, 69]	51 [34, 67]	49 [33, 66]	48 [31, 65]	47 [30, 63]
LVCO (l/min)	6 [4, 8]	6 [4, 8]	6 [3, 8]	5 [3, 7]	5 [3, 7]	5 [3, 7]
LVEF (%)	60 [49, 72]	61 [49, 72]	62 [50, 73]	62 [51, 74]	63 [51, 74]	64 [52, 75]
LVM diast (g)	78 [55, 102]	77 [54, 101]	76 [53, 99]	75 [51, 98]	74 [50, 97]	73 [49, 96]
LVMi diast (g)	46 [33, 60]	46 [32, 60]	46 [32, 59]	46 [32, 59]	45 [32, 59]	45 [32, 59]
LVM syst (g)	76 [49, 102]	75 [48, 101]	74 [47, 100]	73 [46, 99]	72 [45, 98]	71 [44, 97]
LVMi syst (g/m)	45 [29, 60]	45 [29, 60]	44 [29, 60]	44 [29, 60]	44 [29, 60]	44 [29, 59]
Right ventricle						
RVEDV (ml)	151 [105, 197]	145 [99, 191]	139 [93, 185]	133 [87, 179]	127 [81, 173]	121 [75, 167]
RVEDVi (ml/m)	89 [63, 116]	87 [60, 113]	84 [57, 110]	81 [55, 108]	78 [52, 105]	76 [49, 102]
RVESV (ml)	61 [37, 86]	58 [33, 82]	54 [30, 79]	51 [26, 75]	47 [23, 72]	44 [19, 68]
RVESVi (ml/m)	36 [22, 51]	35 [20, 49]	33 [18, 47]	31 [16, 45]	29 [15, 44]	27 [13, 42]
RVSV (ml)	90 [59, 121]	88 [56, 119]	85 [54, 116]	82 [51, 114]	80 [49, 111]	77 [46, 109]
RVSVi (ml/m)	53 [35, 71]	52 [34, 70]	51 [33, 69]	50 [32, 68]	49 [31, 67]	48 [30, 66]
RVCO (l/min)	6 [4, 8]	6 [3, 8]	6 [3, 8]	5 [3, 8]	5 [3, 7]	5 [3, 7]
RVEF (%)	59 [47, 71]	60 [48, 72]	61 [49, 73]	62 [50, 74]	63 [51, 75]	64 [52, 76]
Left atrium						
LAESV (ml)	68 [33, 103]	66 [31, 101]	64 [28, 99]	61 [26, 97]	59 [24, 94]	57 [22, 92]
LAESVi (ml/m)	40 [19, 62]	39 [18, 61]	38 [17, 60]	37 [16, 59]	37 [15, 58]	36 [14, 57]
LA max (ml)	72 [37, 108]	70 [35, 105]	68 [32, 103]	65 [30, 101]	63 [28, 98]	61 [25, 96]
LA max i (ml/m)	43 [21, 64]	42 [20, 63]	41 [19, 62]	40 [18, 61]	39 [17, 60]	38 [16, 59]
LAEF (%)	68 [50, 86]	67 [50, 85]	67 [49, 85]	66 [48, 84]	65 [48, 83]	65 [47, 82]
Right atrium						
RAESV (ml)	64 [28, 100]	65 [29, 100]	65 [29, 101]	66 [30, 101]	66 [30, 102]	66 [31, 102]
RAESVi (ml/m)	38 [16, 59]	39 [17, 60]	39 [18, 61]	40 [19, 61]	41 [19, 62]	41 [20, 63]
RA max (ml)	67 [31, 103]	67 [31, 103]	68 [32, 104]	68 [32, 104]	69 [33, 105]	69 [33, 105]
RA max i (ml/m)	39 [18, 61]	40 [19, 61]	41 [19, 62]	42 [20, 63]	42 [21, 64]	43 [22, 64]
RAEF (%)	54 [35, 72]	54 [35, 73]	54 [35, 73]	54 [36, 73]	54 [36, 73]	55 [36, 73]