

Table 34. CMR metrics in men of White ethnicity using smooth segmentation, indexed by height

Variable	18- 29	30- 39	40- 49	50- 59	60- 69	70+
N (min – max)	(52 - 113)	(67 - 135)	(378 - 446)	(784 - 838)	(773 - 817)	(1,212 - 1,283)
Left ventricle						
LVEDV (ml)	193 [134, 252]	185 [126, 244]	176 [117, 235]	168 [109, 227]	159 [101, 218]	151 [92, 210]
LVEDVi (ml/m)	106 [75, 138]	102 [71, 134]	99 [67, 130]	95 [63, 126]	91 [59, 122]	87 [55, 118]
LVESV (ml)	80 [46, 113]	76 [42, 109]	72 [39, 105]	68 [35, 101]	64 [31, 98]	61 [27, 94]
LVESVi (ml/m)	44 [26, 62]	42 [24, 60]	40 [22, 58]	38 [20, 57]	37 [18, 55]	35 [17, 53]
LVSVi (ml/m)	113 [75, 151]	109 [71, 147]	104 [66, 142]	100 [62, 137]	95 [57, 133]	90 [52, 128]
LVSVi (ml/m)	62 [42, 83]	60 [40, 81]	58 [38, 79]	56 [35, 77]	54 [33, 75]	52 [31, 72]
LVCO (l/min)	7 [5, 10]	7 [5, 10]	7 [4, 9]	6 [4, 9]	6 [3, 9]	6 [3, 8]
LVEF (%)	59 [46, 71]	59 [46, 71]	59 [47, 72]	59 [47, 72]	60 [47, 72]	60 [48, 73]
LVM diast (g)	117 [82, 152]	114 [79, 149]	111 [76, 147]	108 [73, 144]	105 [70, 141]	102 [67, 138]
LVMi diast (g)	64 [45, 83]	63 [44, 82]	62 [43, 81]	61 [42, 80]	60 [41, 79]	59 [40, 78]
LVM syst (g)	114 [75, 154]	112 [73, 151]	109 [70, 148]	107 [67, 146]	104 [65, 143]	101 [62, 140]
LVMi syst (g/m)	63 [42, 84]	62 [41, 83]	61 [40, 82]	60 [39, 82]	59 [38, 81]	58 [37, 80]
Right ventricle						
RVEDV (ml)	208 [146, 269]	198 [136, 260]	188 [127, 250]	179 [117, 240]	169 [108, 231]	160 [98, 221]
RVEDVi (ml/m)	114 [81, 147]	110 [77, 143]	105 [72, 138]	101 [68, 134]	96 [63, 129]	92 [59, 125]
RVESV (ml)	90 [55, 126]	85 [50, 121]	80 [45, 116]	75 [40, 111]	70 [34, 106]	65 [29, 101]
RVESVi (ml/m)	50 [30, 69]	47 [28, 67]	45 [25, 64]	42 [23, 62]	40 [20, 59]	37 [18, 57]
RVSVi (ml)	118 [76, 159]	113 [71, 155]	108 [67, 150]	104 [62, 146]	99 [58, 141]	95 [53, 136]
RVSVi (ml/m)	65 [42, 87]	63 [40, 85]	61 [38, 83]	59 [36, 81]	56 [34, 79]	54 [32, 77]
RVCO (l/min)	8 [5, 11]	7 [5, 10]	7 [4, 10]	7 [4, 10]	6 [3, 9]	6 [3, 9]
RVEF (%)	56 [43, 69]	57 [44, 70]	58 [45, 71]	58 [45, 71]	59 [46, 72]	59 [46, 72]
Left atrium						
LAESV (ml)	77 [34, 120]	74 [31, 117]	71 [28, 114]	68 [25, 111]	65 [22, 108]	62 [19, 105]
LAESVi (ml/m)	42 [18, 66]	41 [17, 65]	40 [15, 64]	38 [14, 62]	37 [13, 61]	35 [11, 60]
LA max (ml)	83 [40, 126]	80 [37, 123]	76 [33, 119]	73 [30, 116]	70 [27, 113]	67 [24, 110]
LA max i (ml/m)	46 [21, 70]	44 [20, 68]	43 [18, 67]	41 [17, 65]	40 [16, 64]	38 [14, 63]
LAEF (%)	66 [46, 86]	66 [46, 86]	66 [46, 86]	66 [46, 86]	66 [46, 86]	66 [46, 86]
Right atrium						
RAESV (ml)	86 [33, 139]	86 [33, 138]	85 [33, 138]	85 [32, 137]	84 [32, 137]	84 [32, 136]
RAESVi (ml/m)	47 [18, 76]	47 [18, 76]	48 [19, 77]	48 [19, 77]	48 [19, 77]	48 [19, 77]
RA max (ml)	89 [37, 141]	89 [37, 141]	89 [37, 141]	89 [37, 141]	89 [37, 141]	89 [37, 141]
RA max i (ml/m)	49 [20, 78]	49 [21, 78]	50 [21, 78]	50 [21, 79]	50 [22, 79]	51 [22, 80]
RAEF (%)	50 [30, 70]	51 [31, 71]	51 [31, 71]	51 [32, 71]	52 [32, 72]	52 [32, 72]