**Table S2.** Comparative HRV parameters in LAD and RCA culprit arteries.

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| **HRV parameters** | **LAD-culprit** | **RCA-culprit** | **P-value** |
| SDNN, median (IQR), ms | 25.6 (19.4-35.0) | 35.4 (25.7-53.5) | p < 0.001 |
| RMSSD, median (IQR), ms | 30.0 (24.0-43.0) | 38.9 (28.9-56.0) | p = 0.010 |
| NN50, median (IQR), beats | 65.5 (31.5-136.7) | 112.0 (47.0-170.0) | p = 0.136 |
| pNN50, median (IQR), % | 5.5 (2.6-14.0) | 10.7 (4.4-27.4) | p = 0.017 |
| RR triangular index, median (IQR), ms | 5.9 (4.9-8.1) | 7.8 (6.0-10.4) | p = 0.002 |
| VLF, median (IQR), ms2 | 60.2 (26.1-96.6) | 126.3 (63.1-257.1) | p < 0.001 |
| VLF, median (IQR), log | 4.0 (3.2-4.5) | 4.8 (4.1-5.5) | p < 0.001 |
| LF, median (IQR), ms2 | 290.4 (139.4-526.4) | 575.4 (289.8-1240.8) | p < 0.001 |
| LF, median (IQR), log | 5.6 (4.9-6.1) | 6.3 (5.6-7.1) | p < 0.001 |
| LF, median (IQR), n.u. | 66.6 (61.7-73.7) | 73.8 (59.7-77.6) | p = 0.196 |
| HF, median (IQR), ms2 | 137.4 (72.1-243.5) | 244.8 (110.9-606.6) | p = 0.002 |
| HF, median (IQR), log | 4.8 (4.2-5.4) | 5.5 (4.7-6.4) | p = 0.002 |
| HF, median (IQR), n.u. | 33.1 (26.0-38.1) | 26.0 (22.3-39.9) | p = 0.213 |
| LF/HF median (IQR) | 1.9 (1.6-2.7) | 2.8 (1.4-3.4) | p = 0.187 |
| SD1, median (IQR), ms | 21.2 (16.9-30.4) | 27.5 (20.5-39.6) | p = 0.010 |
| SD2, median (IQR), ms | 27.2 (20.1-39.6) | 42.1 (30.1-59.3) | p < 0.001 |
| SD2/SD1, median (IQR) | 1.2 (1.0-1.4) | 1.4 (1.2-1.6) | p = 0.049 |
| ApEn, median (IQR) | 1.3 (1.2-1.4) | 1.3 (1.1-1.4) | p = 0.496 |
| ApEn = approximate entropy; HF = power in high-frequency range; LF = power in low-frequency range; NN50 = the number of pairs of successive NN (R-R) intervals that differ by more than 50 ms; pNN50 = the proportion of NN50 divided by the total number of NN (R-R) intervals; RMSSD = the square root of the mean squared differences of consecutive NN intervals; SDANN = the standard deviation of the average NN interval over short time divisions; SDNN = the standard deviation of all NN intervals; VLF = power in very-low-frequency range. | | | |