# Model 4 - LGE pop (N=3,440

| Variable | Univariate\_Analysis | model\_multi\_1 | model\_multi\_2 | model\_multi\_3 | model\_multi\_4 | model\_multi\_5 | model\_multi\_6 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| demo\_age | 1.03 (1.01-1.04), p=0.000 | 1.03 (1.02-1.04), p=0.000 | 1.02 (1.01-1.03), p=0.000 | 1.01 (1.00-1.03), p=0.008 | 1.01 (1.00-1.03), p=0.016 | 1.01 (1.00-1.02), p=0.034 | 1.01 (0.99-1.02), p=0.115 |
| demo\_genderYes | 3.33 (2.07-5.34), p=0.000 | 3.21 (1.99-5.17), p=0.000 | 2.69 (1.67-4.35), p=0.000 | 2.41 (1.49-3.91), p=0.000 | 1.93 (1.18-3.16), p=0.000 | 1.93 (1.18-3.16), p=0.000 | 1.93 (1.18-3.15), p=0.000 |
| demo\_BMI | 1.01 (0.98-1.03), p=0.420 | 1.01 (0.98-1.04), p=0.397 | 1.01 (0.98-1.04), p=0.357 | 1.00 (0.97-1.03), p=0.833 | 1.01 (0.98-1.04), p=0.433 | 1.01 (0.98-1.04), p=0.536 | 1.01 (0.98-1.04), p=0.480 |
| CV\_risk\_diabeteYes | 1.90 (1.43-2.51), p=0.000 | 1.71 (1.27-2.28), p=0.000 | 1.52 (1.14-2.03), p=0.000 | 1.59 (1.19-2.13), p=0.000 | 1.57 (1.17-2.11), p=0.000 | 1.53 (1.14-2.05), p=0.000 | 1.53 (1.14-2.05), p=0.000 |
| CV\_risk\_SmokingYes | 1.14 (0.83-1.59), p=0.247 | 1.36 (0.96-1.93), p=0.013 | 1.43 (1.00-2.03), p=0.005 | 1.24 (0.87-1.76), p=0.089 | 1.16 (0.81-1.66), p=0.243 | 1.22 (0.85-1.75), p=0.121 | 1.20 (0.84-1.72), p=0.153 |
| CV\_risk\_dyslipidemiaYes | 1.13 (0.86-1.49), p=0.215 | 1.02 (0.77-1.36), p=0.807 | 1.02 (0.77-1.35), p=0.852 | 1.01 (0.76-1.34), p=0.893 | 1.04 (0.78-1.38), p=0.697 | 1.12 (0.84-1.49), p=0.283 | 1.10 (0.83-1.47), p=0.334 |
| history\_hospit\_HFYes | 2.21 (1.43-3.40), p=0.000 | 1.62 (1.02-2.58), p=0.003 | 1.37 (0.85-2.21), p=0.062 | 1.20 (0.73-1.97), p=0.300 | 1.04 (0.62-1.72), p=0.843 | 1.17 (0.71-1.94), p=0.384 | 1.16 (0.70-1.92), p=0.401 |
| history\_AFibYes | 1.25 (0.76-2.06), p=0.213 | 0.83 (0.50-1.38), p=0.302 | 0.90 (0.54-1.51), p=0.562 | 0.70 (0.41-1.19), p=0.061 | 0.58 (0.35-0.99), p=0.004 | 0.64 (0.38-1.09), p=0.019 | 0.66 (0.39-1.12), p=0.028 |
| med\_CKDYes | 4.22 (2.34-7.63), p=0.000 | 3.00 (1.62-5.57), p=0.000 | 2.40 (1.30-4.43), p=0.000 | 2.41 (1.29-4.50), p=0.000 | 2.29 (1.22-4.31), p=0.000 | 2.27 (1.21-4.26), p=0.000 | 2.25 (1.20-4.23), p=0.000 |
| history\_med\_MIYes | 1.02 (0.77-1.36), p=0.821 | 1.00 (0.74-1.34), p=0.982 | 1.02 (0.76-1.38), p=0.832 | 1.01 (0.75-1.36), p=0.945 | 0.93 (0.69-1.26), p=0.518 | 0.91 (0.67-1.23), p=0.371 | 0.90 (0.67-1.22), p=0.339 |
| CMR\_LVEF\_5 | 0.83 (0.75-0.92), p=0.000 | 0.93 (0.83-1.04), p=0.053 | 0.95 (0.84-1.07), p=0.207 | 0.97 (0.86-1.10), p=0.496 | 1.02 (0.90-1.16), p=0.679 | 1.03 (0.91-1.17), p=0.448 | 1.04 (0.91-1.17), p=0.430 |
| CMR\_LGE\_ischemic\_extent\_count | 2.24 (2.00-2.51), p=0.000 |  | 2.08 (1.86-2.33), p=0.000 | 1.81 (1.62-2.02), p=0.000 | 1.43 (1.28-1.61), p=0.000 | 1.43 (1.27-1.60), p=0.000 | 1.42 (1.27-1.60), p=0.000 |
| CMR\_LGE\_ischemic\_transmuralityC\_Subendocardial≥50% | 4.27 (2.76-6.62), p=0.000 |  |  | 3.65 (2.35-5.67), p=0.000 | 2.94 (1.88-4.60), p=0.000 | 2.81 (1.80-4.41), p=0.000 | 2.75 (1.75-4.31), p=0.000 |
| CMR\_LGE\_ischemic\_transmuralityD\_Transmural | 18.76 (11.96-29.43), p=0.000 |  |  | 8.83 (5.52-14.12), p=0.000 | 4.57 (2.81-7.44), p=0.000 | 4.19 (2.56-6.84), p=0.000 | 3.34 (1.90-5.86), p=0.000 |
| CMR\_LGE\_ischemic\_location\_4C\_Anterior\_without\_septal | 5.99 (3.84-9.34), p=0.000 |  |  |  | 4.41 (2.81-6.94), p=0.000 | 4.42 (2.81-6.96), p=0.000 | 4.37 (2.78-6.88), p=0.000 |
| CMR\_LGE\_ischemic\_location\_4D\_Septal | 21.63 (15.23-30.72), p=0.000 |  |  |  | 8.08 (5.41-12.09), p=0.000 | 7.89 (5.27-11.80), p=0.000 | 7.77 (5.19-11.63), p=0.000 |
| CMR\_LGE\_midwall\_presenceB\_Presence\_of\_midwall\_LGE | 3.18 (2.28-4.43), p=0.000 |  |  |  |  | 1.81 (1.27-2.57), p=0.000 | 1.79 (1.26-2.54), p=0.000 |
| outcome\_revascularisation\_90daysYes | 0.22 (0.16-0.29), p=0.000 |  |  |  |  |  | 0.73 (0.49-1.09), p=0.026 |