# Model 4 - LGE pop (N=3,591)

| 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 (1.02-1.04), p=0.000 | 1.03 (1.02-1.04), p=0.000 | 1.02 (1.01-1.03), p=0.000 | 1.01 (1.00-1.02), p=0.007 | 1.01 (1.00-1.02), p=0.017 | 1.01 (1.00-1.02), p=0.052 | 1.01 (0.99-1.02), p=0.171 |
| demo\_genderYes | 2.64 (1.82-3.84), p=0.000 | 2.51 (1.72-3.66), p=0.000 | 2.09 (1.43-3.05), p=0.000 | 1.95 (1.33-2.85), p=0.000 | 1.75 (1.19-2.58), p=0.000 | 1.75 (1.19-2.57), p=0.000 | 1.74 (1.18-2.56), p=0.000 |
| demo\_BMI | 1.00 (0.98-1.03), p=0.600 | 1.00 (0.98-1.03), p=0.680 | 1.01 (0.98-1.03), p=0.417 | 1.00 (0.97-1.03), p=0.982 | 1.00 (0.98-1.03), p=0.761 | 1.00 (0.97-1.03), p=0.961 | 1.00 (0.97-1.03), p=0.927 |
| CV\_risk\_diabeteYes | 1.96 (1.54-2.50), p=0.000 | 1.74 (1.36-2.24), p=0.000 | 1.45 (1.13-1.86), p=0.000 | 1.40 (1.09-1.80), p=0.000 | 1.36 (1.06-1.76), p=0.001 | 1.35 (1.05-1.73), p=0.001 | 1.35 (1.05-1.73), p=0.001 |
| CV\_risk\_SmokingYes | 1.10 (0.83-1.47), p=0.328 | 1.30 (0.96-1.76), p=0.014 | 1.28 (0.94-1.74), p=0.024 | 1.19 (0.87-1.62), p=0.115 | 1.10 (0.81-1.50), p=0.374 | 1.13 (0.83-1.54), p=0.283 | 1.12 (0.82-1.53), p=0.316 |
| CV\_risk\_dyslipidemiaYes | 1.11 (0.87-1.41), p=0.224 | 1.02 (0.80-1.30), p=0.855 | 1.01 (0.79-1.28), p=0.946 | 1.04 (0.82-1.33), p=0.644 | 1.03 (0.80-1.31), p=0.760 | 1.10 (0.86-1.40), p=0.297 | 1.09 (0.85-1.39), p=0.349 |
| history\_hospit\_HFYes | 2.39 (1.68-3.41), p=0.000 | 1.71 (1.17-2.50), p=0.000 | 1.16 (0.79-1.72), p=0.276 | 1.02 (0.68-1.53), p=0.894 | 0.92 (0.61-1.38), p=0.563 | 0.99 (0.66-1.48), p=0.942 | 0.98 (0.66-1.48), p=0.910 |
| history\_AFibYes | 1.61 (1.10-2.36), p=0.000 | 1.07 (0.72-1.59), p=0.621 | 0.97 (0.65-1.44), p=0.819 | 0.92 (0.62-1.37), p=0.551 | 0.75 (0.50-1.12), p=0.047 | 0.78 (0.53-1.17), p=0.090 | 0.79 (0.53-1.19), p=0.107 |
| med\_CKDYes | 3.69 (2.18-6.26), p=0.000 | 2.51 (1.45-4.33), p=0.000 | 2.32 (1.34-4.00), p=0.000 | 2.25 (1.30-3.90), p=0.000 | 1.97 (1.13-3.43), p=0.001 | 2.04 (1.17-3.54), p=0.000 | 2.03 (1.17-3.52), p=0.000 |
| history\_med\_MIYes | 1.07 (0.83-1.36), p=0.463 | 1.03 (0.80-1.33), p=0.718 | 0.97 (0.75-1.25), p=0.737 | 1.06 (0.82-1.37), p=0.550 | 1.01 (0.78-1.30), p=0.929 | 0.98 (0.76-1.27), p=0.833 | 0.97 (0.75-1.26), p=0.740 |
| CMR\_LVEF\_5 | 0.82 (0.75-0.89), p=0.000 | 0.91 (0.83-1.00), p=0.007 | 0.92 (0.83-1.01), p=0.013 | 0.94 (0.85-1.04), p=0.084 | 0.97 (0.87-1.07), p=0.357 | 0.99 (0.89-1.09), p=0.738 | 0.99 (0.89-1.09), p=0.751 |
| CMR\_LGE\_ischemic\_extent\_count | 1.90 (1.78-2.02), p=0.000 |  | 1.82 (1.70-1.94), p=0.000 | 1.65 (1.55-1.77), p=0.000 | 1.38 (1.28-1.49), p=0.000 | 1.37 (1.28-1.48), p=0.000 | 1.37 (1.27-1.48), p=0.000 |
| CMR\_LGE\_ischemic\_transmuralityC\_Subendocardial≥50% | 3.57 (2.49-5.12), p=0.000 |  |  | 2.84 (1.97-4.09), p=0.000 | 2.26 (1.56-3.27), p=0.000 | 2.21 (1.53-3.20), p=0.000 | 2.19 (1.52-3.17), p=0.000 |
| CMR\_LGE\_ischemic\_transmuralityD\_Transmural | 14.73 (10.17-21.34), p=0.000 |  |  | 5.29 (3.55-7.88), p=0.000 | 3.14 (2.09-4.73), p=0.000 | 2.92 (1.94-4.39), p=0.000 | 2.47 (1.54-3.96), p=0.000 |
| CMR\_LGE\_ischemic\_location\_4C\_Anterior\_without\_septal | 7.22 (4.87-10.70), p=0.000 |  |  |  | 5.05 (3.38-7.55), p=0.000 | 4.96 (3.31-7.44), p=0.000 | 4.94 (3.30-7.40), p=0.000 |
| CMR\_LGE\_ischemic\_location\_4D\_Septal | 21.91 (15.90-30.18), p=0.000 |  |  |  | 7.09 (4.87-10.32), p=0.000 | 7.14 (4.92-10.36), p=0.000 | 7.05 (4.85-10.23), p=0.000 |
| CMR\_LGE\_midwall\_presenceB\_Presence\_of\_midwall\_LGE | 3.13 (2.36-4.15), p=0.000 |  |  |  |  | 1.86 (1.39-2.50), p=0.000 | 1.85 (1.38-2.49), p=0.000 |
| outcome\_revascularisation\_90daysYes | 0.23 (0.18-0.29), p=0.000 |  |  |  |  |  | 0.79 (0.55-1.11), p=0.053 |