# Model 4 - MACE with LGE pop (794)

| Variable | Univariate\_Analysis | model\_multi\_1 | model\_multi\_2 | model\_multi\_3 | model\_multi\_4 | model\_multi\_5 | model\_multi\_6 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| demo\_age | 1.04 (1.02-1.06), p=0.000 | 1.04 (1.02-1.06), p=0.000 | 1.02 (1.00-1.04), p=0.005 | 1.02 (1.00-1.04), p=0.014 | 1.02 (1.00-1.04), p=0.016 | 1.01 (0.99-1.04), p=0.064 | 1.02 (1.00-1.05), p=0.007 |
| demo\_genderYes | 1.63 (0.96-2.78), p=0.010 | 1.67 (0.97-2.89), p=0.008 | 1.35 (0.78-2.35), p=0.127 | 1.35 (0.77-2.35), p=0.130 | 1.15 (0.65-2.02), p=0.495 | 1.13 (0.64-1.99), p=0.558 | 1.18 (0.67-2.10), p=0.412 |
| demo\_BMI | 0.99 (0.96-1.03), p=0.496 | 0.99 (0.95-1.03), p=0.412 | 0.99 (0.95-1.04), p=0.664 | 0.99 (0.95-1.03), p=0.566 | 1.00 (0.95-1.04), p=0.784 | 0.99 (0.95-1.03), p=0.499 | 0.99 (0.95-1.03), p=0.414 |
| CV\_risk\_diabeteYes | 1.74 (1.18-2.59), p=0.000 | 1.59 (1.04-2.43), p=0.002 | 1.28 (0.84-1.95), p=0.096 | 1.27 (0.83-1.94), p=0.110 | 1.17 (0.77-1.79), p=0.290 | 1.19 (0.78-1.81), p=0.246 | 1.21 (0.80-1.85), p=0.193 |
| CV\_risk\_SmokingYes | 0.96 (0.57-1.62), p=0.843 | 1.27 (0.73-2.20), p=0.221 | 1.24 (0.71-2.17), p=0.280 | 1.19 (0.68-2.09), p=0.372 | 1.23 (0.70-2.15), p=0.310 | 1.24 (0.70-2.18), p=0.295 | 1.27 (0.72-2.24), p=0.243 |
| CV\_risk\_dyslipidemiaYes | 1.27 (0.85-1.88), p=0.092 | 1.17 (0.78-1.75), p=0.277 | 1.14 (0.75-1.74), p=0.366 | 1.17 (0.77-1.78), p=0.297 | 1.24 (0.81-1.91), p=0.159 | 1.31 (0.85-2.02), p=0.075 | 1.34 (0.87-2.05), p=0.057 |
| history\_hospit\_HFYes | 1.51 (0.79-2.88), p=0.075 | 1.13 (0.57-2.23), p=0.623 | 1.01 (0.49-2.08), p=0.969 | 0.95 (0.46-1.95), p=0.829 | 1.03 (0.49-2.16), p=0.922 | 1.13 (0.54-2.38), p=0.639 | 1.13 (0.54-2.37), p=0.636 |
| history\_AFibYes | 1.80 (1.02-3.20), p=0.004 | 1.13 (0.62-2.08), p=0.563 | 0.96 (0.51-1.83), p=0.864 | 0.92 (0.48-1.75), p=0.709 | 0.98 (0.51-1.87), p=0.931 | 1.03 (0.54-1.96), p=0.891 | 1.00 (0.53-1.90), p=0.991 |
| med\_CKDYes | 1.95 (0.71-5.38), p=0.064 | 1.16 (0.41-3.30), p=0.691 | 1.52 (0.50-4.60), p=0.290 | 1.49 (0.49-4.50), p=0.316 | 0.96 (0.31-2.95), p=0.920 | 1.00 (0.33-3.06), p=0.990 | 1.06 (0.35-3.23), p=0.880 |
| history\_med\_MIYes | 0.91 (0.60-1.37), p=0.517 | 0.92 (0.60-1.41), p=0.574 | 1.26 (0.81-1.96), p=0.147 | 1.37 (0.87-2.14), p=0.051 | 1.31 (0.84-2.06), p=0.089 | 1.18 (0.75-1.85), p=0.317 | 1.23 (0.78-1.93), p=0.205 |
| CMR\_LVEF\_5 | 0.91 (0.78-1.05), p=0.060 | 0.97 (0.83-1.14), p=0.646 | 1.02 (0.86-1.22), p=0.700 | 1.03 (0.86-1.23), p=0.661 | 1.13 (0.94-1.37), p=0.063 | 1.17 (0.97-1.41), p=0.020 | 1.20 (0.99-1.45), p=0.007 |
| CMR\_LGE\_ischemic\_extent\_count | 1.71 (1.56-1.88), p=0.000 |  | 1.66 (1.49-1.83), p=0.000 | 1.61 (1.45-1.79), p=0.000 | 1.25 (1.10-1.41), p=0.000 | 1.24 (1.10-1.40), p=0.000 | 1.27 (1.12-1.43), p=0.000 |
| CMR\_LGE\_ischemic\_transmurality\_binB\_non\_viable | 3.46 (2.10-5.70), p=0.000 |  |  | 2.21 (1.32-3.71), p=0.000 | 1.55 (0.91-2.64), p=0.022 | 1.47 (0.86-2.51), p=0.045 | 1.63 (0.95-2.80), p=0.012 |
| CMR\_LGE\_ischemic\_location\_4C\_Anterior\_without\_septal | 4.14 (1.84-9.35), p=0.000 |  |  |  | 3.10 (1.34-7.17), p=0.000 | 2.46 (1.03-5.92), p=0.004 | 2.31 (0.95-5.60), p=0.008 |
| CMR\_LGE\_ischemic\_location\_4D\_Septal | 18.04 (10.44-31.16), p=0.000 |  |  |  | 8.81 (4.58-16.98), p=0.000 | 8.07 (4.17-15.62), p=0.000 | 8.82 (4.54-17.14), p=0.000 |
| CMR\_LGE\_midwall\_presenceB\_Presence\_of\_midwall\_LGE | 4.01 (2.65-6.07), p=0.000 |  |  |  |  | 1.91 (1.22-3.00), p=0.000 | 2.03 (1.29-3.20), p=0.000 |
| outcome\_revascularisation\_90daysYes | 0.37 (0.25-0.55), p=0.000 |  |  |  |  |  | 1.62 (1.00-2.62), p=0.005 |