

## Sensitivities (imputed)

|       | FPR | NLD             | NLD_weighted    | LR                     | RF              | LR_extended            | RF_extended            |
|-------|-----|-----------------|-----------------|------------------------|-----------------|------------------------|------------------------|
| GICU  | 0.1 | 0.4231 (0.0330) | 0.4259 (0.0341) | 0.6002 (0.0367)        | 0.5600 (0.0375) | <b>0.6274 (0.0327)</b> | 0.5755 (0.0406)        |
|       | 0.2 | 0.6109 (0.0234) | 0.6334 (0.0256) | <b>0.7937 (0.0211)</b> | 0.7633 (0.0308) | 0.7915 (0.0221)        | 0.7744 (0.0283)        |
|       | 0.3 | 0.7426 (0.0166) | 0.8098 (0.0263) | 0.8870 (0.0171)        | 0.8860 (0.0196) | 0.8767 (0.0196)        | <b>0.8909 (0.0185)</b> |
|       | 0.4 | 0.8204 (0.0152) | 0.9244 (0.0125) | 0.9417 (0.0104)        | 0.9418 (0.0093) | 0.9404 (0.0123)        | <b>0.9473 (0.0108)</b> |
|       | 0.5 | 0.8884 (0.0114) | 0.9514 (0.0083) | 0.9706 (0.0073)        | 0.9653 (0.0072) | <b>0.9766 (0.0074)</b> | 0.9711 (0.0068)        |
|       | 0.6 | 0.9253 (0.0092) | 0.9752 (0.0050) | 0.9860 (0.0047)        | 0.9815 (0.0061) | <b>0.9877 (0.0042)</b> | 0.9824 (0.0057)        |
|       | 0.7 | 0.9609 (0.0081) | 0.9804 (0.0047) | 0.9903 (0.0041)        | 0.9886 (0.0046) | <b>0.9918 (0.0037)</b> | 0.9897 (0.0044)        |
|       | 0.8 | 0.9791 (0.0047) | 0.9899 (0.0036) | 0.9945 (0.0030)        | 0.9929 (0.0035) | <b>0.9951 (0.0028)</b> | 0.9937 (0.0034)        |
|       | 0.9 | 0.9927 (0.0025) | 0.9973 (0.0017) | 0.9957 (0.0025)        | 0.9965 (0.0023) | 0.9963 (0.0024)        | <b>0.9970 (0.0022)</b> |
|       | 1   | 1.0000 (0.0000) | 1.0000 (0.0000) | 0.9999 (0.0004)        | 1.0000 (0.0000) | 1.0000 (0.0000)        | 1.0000 (0.0002)        |
| MIMIC | 0.1 | 0.3370 (0.0128) | 0.3740 (0.0185) | 0.4611 (0.0484)        | 0.4858 (0.0454) | 0.5449 (0.0482)        | <b>0.5933 (0.0452)</b> |
|       | 0.2 | 0.5296 (0.0110) | 0.6355 (0.0211) | 0.7466 (0.0404)        | 0.7465 (0.0442) | 0.7825 (0.0304)        | <b>0.7881 (0.0349)</b> |
|       | 0.3 | 0.6713 (0.0126) | 0.8337 (0.0174) | 0.8827 (0.0282)        | 0.8860 (0.0265) | 0.9001 (0.0207)        | <b>0.9049 (0.0210)</b> |
|       | 0.4 | 0.7545 (0.0086) | 0.9295 (0.0091) | 0.9526 (0.0152)        | 0.9498 (0.0158) | 0.9590 (0.0111)        | <b>0.9597 (0.0125)</b> |
|       | 0.5 | 0.8309 (0.0096) | 0.9777 (0.0045) | 0.9842 (0.0075)        | 0.9853 (0.0065) | 0.9872 (0.0060)        | <b>0.9903 (0.0055)</b> |
|       | 0.6 | 0.8869 (0.0069) | 0.9925 (0.0016) | 0.9943 (0.0035)        | 0.9952 (0.0030) | 0.9939 (0.0031)        | <b>0.9973 (0.0026)</b> |
|       | 0.7 | 0.9315 (0.0056) | 0.9950 (0.0013) | 0.9961 (0.0028)        | 0.9972 (0.0024) | 0.9961 (0.0024)        | <b>0.9985 (0.0018)</b> |
|       | 0.8 | 0.9659 (0.0036) | 0.9969 (0.0010) | 0.9980 (0.0019)        | 0.9985 (0.0018) | 0.9971 (0.0022)        | <b>0.9991 (0.0015)</b> |
|       | 0.9 | 0.9887 (0.0022) | 0.9990 (0.0006) | 0.9993 (0.0011)        | 0.9996 (0.0008) | 0.9982 (0.0019)        | <b>0.9997 (0.0007)</b> |
|       | 1   | 1.0000 (0.0000) | 1.0000 (0.0000) | 1.0000 (0.0000)        | 1.0000 (0.0000) | 0.9998 (0.0005)        | 1.0000 (0.0000)        |