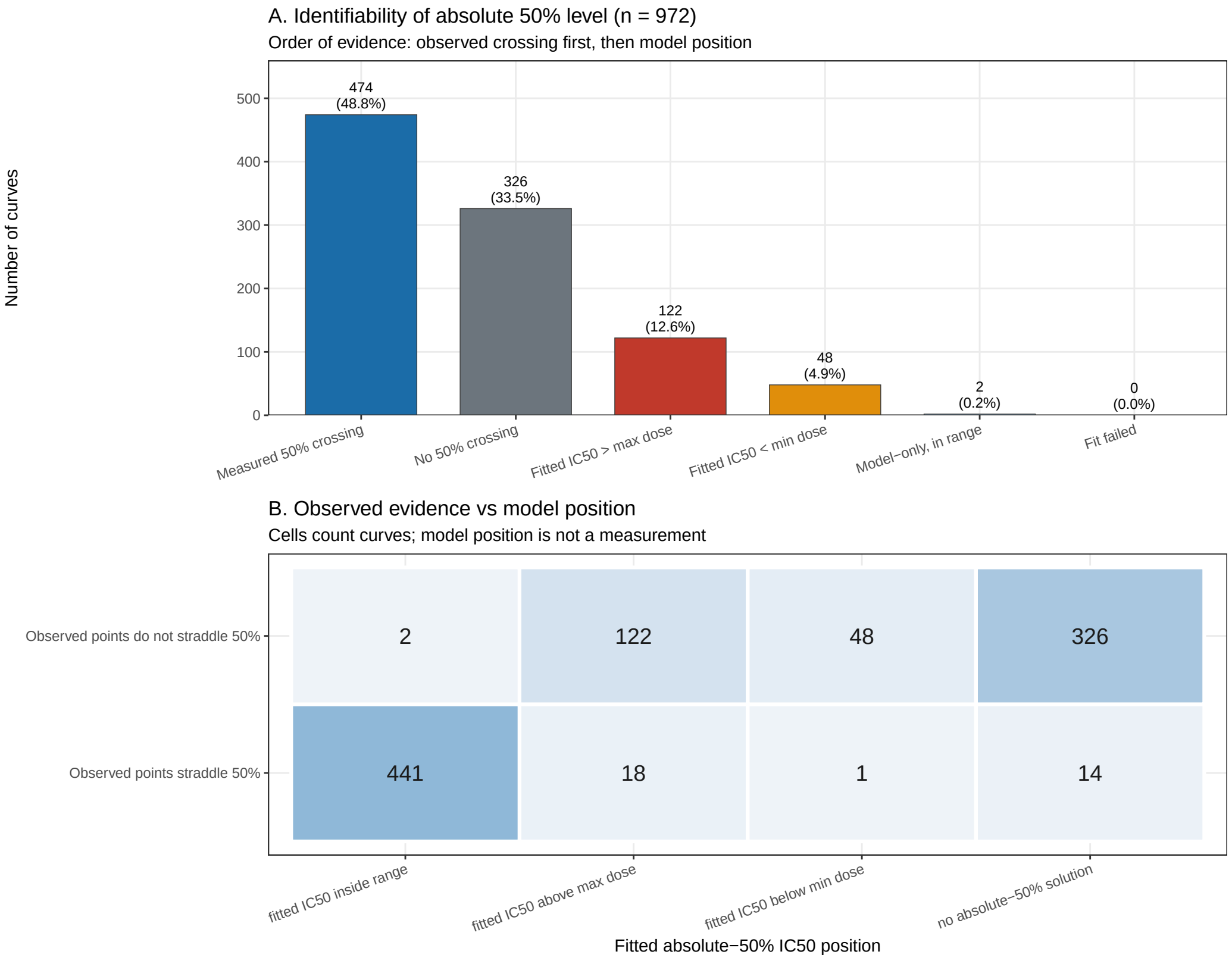

A. Identifiability of absolute 50% level (n = 972)
Order of evidence: observed crossing first, then model position
Number of curves
0
100
200
300
400
500
474
(48.8%)
326
(33.5%)
122
(12.6%)
48
(4.9%)
2
(0.2%)
0
(0.0%)
Measured 50% crossing
No 50% crossing
Fitted IC50 > max dose
Fitted IC50 < min dose
Model−only, in range
Fit failed
B. Observed evidence vs model position
Cells count curves; model position is not a measurement
Observed points do not straddle 50%
Observed points straddle 50%
2
122
48
326
441
18
1
14
fitted IC50 inside range
fitted IC50 above max dose
fitted IC50 below min dose
no absolute−50% solution
Fitted absolute−50% IC50 position