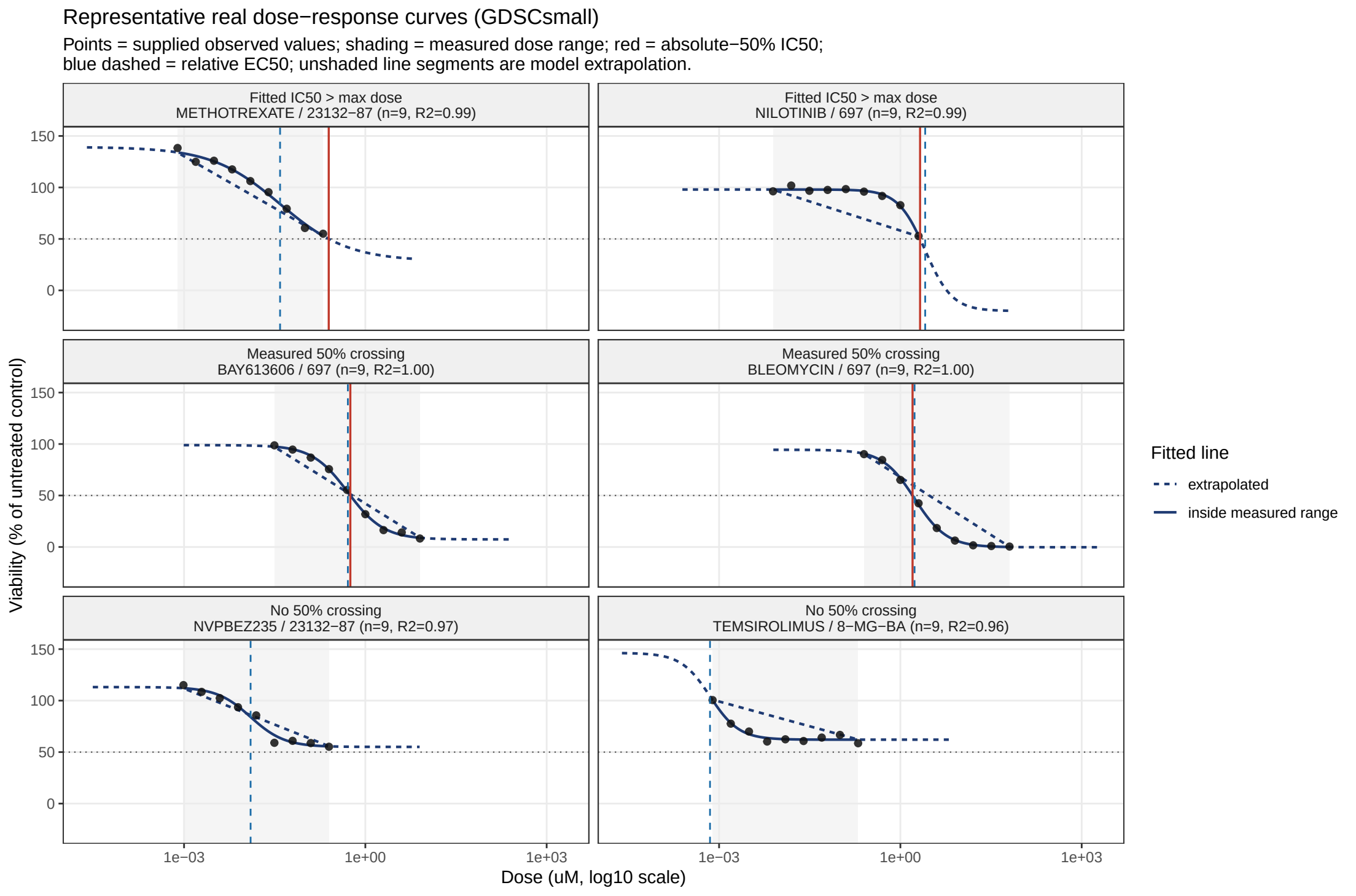

Representative real dose−response curves (GDSCsmall)
Points = supplied observed values; shading = measured dose range; red = absolute−50% IC50;
blue dashed = relative EC50; unshaded line segments are model extrapolation.
Fitted IC50 > max dose
METHOTREXATE / 23132−87 (n=9, R2=0.99)
Fitted IC50 > max dose
NILOTINIB / 697 (n=9, R2=0.99)
Measured 50% crossing
BAY613606 / 697 (n=9, R2=1.00)
Measured 50% crossing
BLEOMYCIN / 697 (n=9, R2=1.00)
No 50% crossing
NVPBEZ235 / 23132−87 (n=9, R2=0.97)
No 50% crossing
TEMSIROLIMUS / 8−MG−BA (n=9, R2=0.96)
Viability (% of untreated control)
150
100
50
0
1e−03
1e+00
1e+03
Dose (uM, log10 scale)
Fitted line
extrapolated
inside measured range