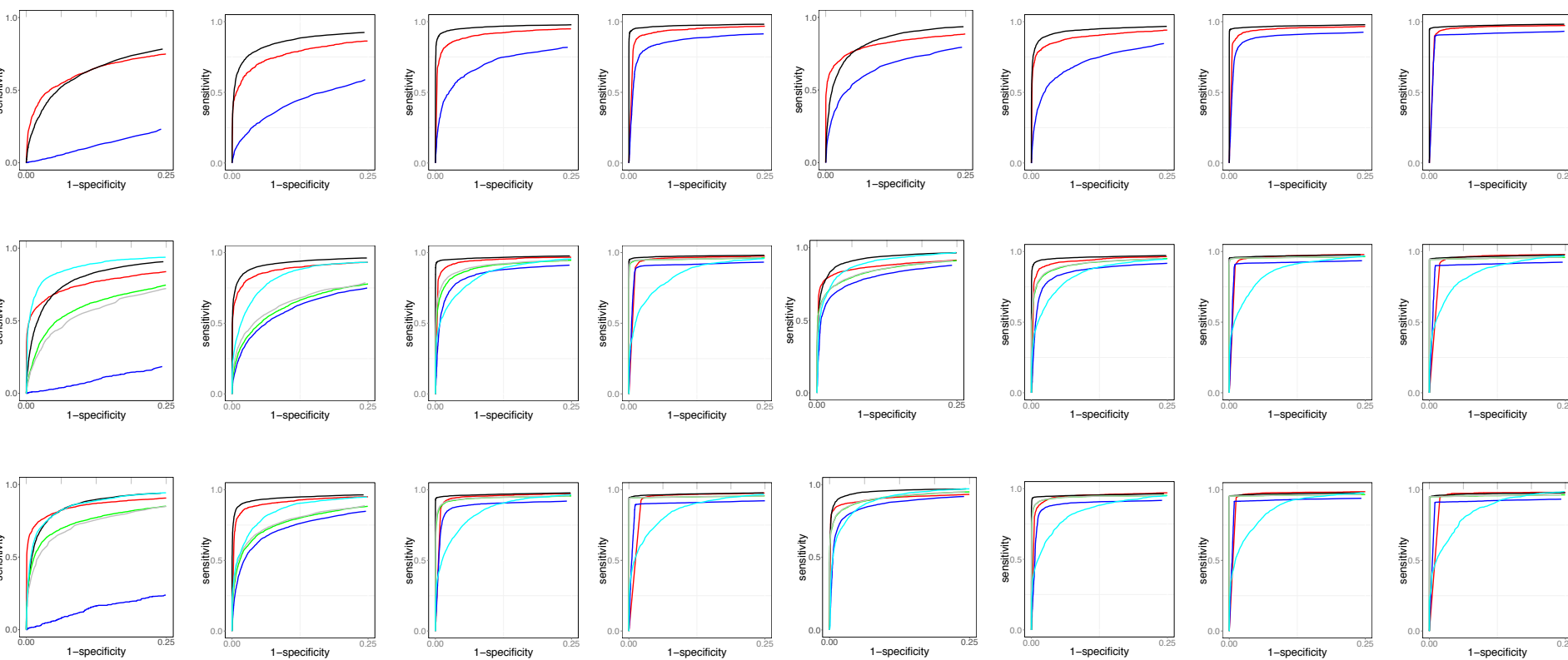


Supplementary Figure 5a: ROC curves showing the performance of published techniques and ABBA over various experimentally relevant parameter settings, for a description of parameters see Methods. Parameters: $s_0=0.1$, $\delta = 0$, and rows 1-3 refer to $r=1$ to $r=3$.

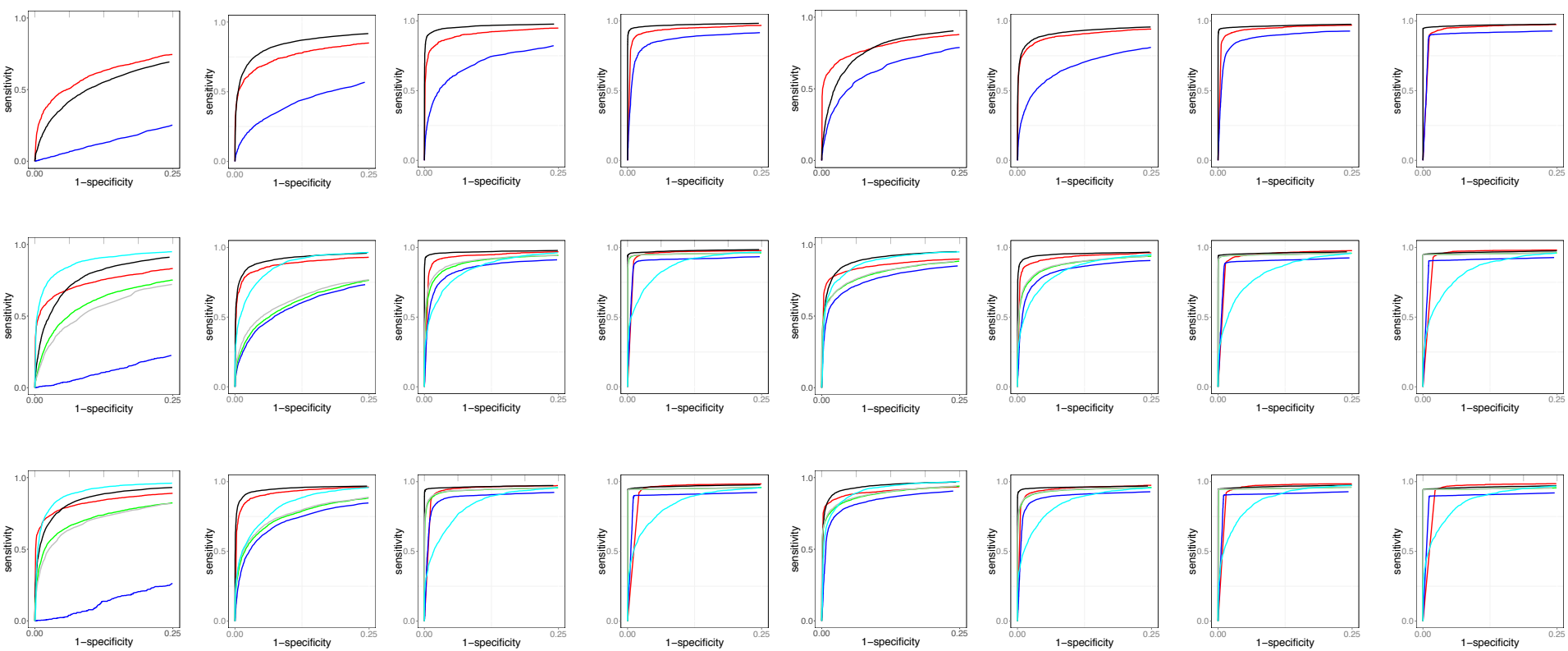
Depth = 10 $\Delta meth = 20\%$ Depth = 10 $\Delta meth = 30\%$ Depth = 10 $\Delta meth = 50\%$ Depth = 10 $\Delta meth = 70\%$ Depth = 30 $\Delta meth = 20\%$ Depth = 30 $\Delta meth = 30\%$ Depth = 30 $\Delta meth = 50\%$ Depth = 30 $\Delta meth = 70\%$



Color legend: ABBA DSS BSmooth MethylSig MethylKit FET

Supplementary Figure 5b: ROC curves showing the performance of published techniques and ABBA over various experimentally relevant parameter settings, for a description of parameters see Methods. Parameters: $s_0=0.2$, $\delta = 0$, and rows 1-3 refer to $r=1$ to $r=3$.

Depth = 10 $\Delta meth = 20\%$ Depth = 10 $\Delta meth = 30\%$ Depth = 10 $\Delta meth = 50\%$ Depth = 10 $\Delta meth = 70\%$ Depth = 30 $\Delta meth = 20\%$ Depth = 30 $\Delta meth = 30\%$ Depth = 30 $\Delta meth = 50\%$ Depth = 30 $\Delta meth = 70\%$



Color legend: ABBA DSS BSmooth MethylSig MethylKit FET

Supplementary Figure 5c: ROC curves showing the performance of published techniques and ABBA over various experimentally relevant parameter settings, for a description of parameters see Methods. Parameters: $s_0=0.3$, $\delta = 0$, and rows 1-3 refer to $r=1$ to $r=3$.

