

Table S1.

Mean \pm standard deviation obtained by Oncodrive-CIS benchmarking measurements (rows) across the 100 synthetic data sets generated for each of the simulation settings (columns). MCC means Matthew's correlation coefficient.

	n = 15 lineal	n = 15 stepwise	n = 15 sigmoid	n = 100 lineal	n = 100 stepwise	n = 100 sigmoid
Sensitivity	0.520 \pm 0.021	0.490 \pm 0.010	0.249 \pm 0.008	0.851 \pm 0.011	0.758 \pm 0.004	0.569 \pm 0.014
Specificity	0.975 \pm 0.007	0.974 \pm 0.001	0.969 \pm 0.001	0.972 \pm 0.001	0.967 \pm 0.002	0.969 \pm 0.001
MCC	0.513 \pm 0.018	0.501 \pm 0.013	0.258 \pm 0.011	0.745 \pm 0.010	0.663 \pm 0.009	0.536 \pm 0.017