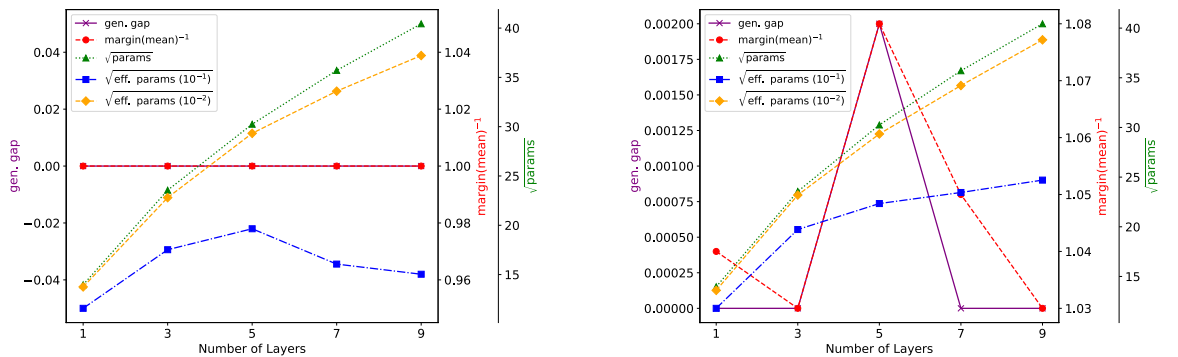(a) Lower quartile of margin versus parameter-based metrics for predicting the generalization gap.

(b) Margin mean versus parameter-based metrics for predicting the generalization gap.

Figure 6. Comparison of the lower quartile (a) and the mean (b) of the margin against parameter-based metrics for predicting the generalization gap. The experiments are performed with XXZ-Heisenberg Model (left) and Transverse Field Ising Model (right).