Number of variables per layer over the whole FHLC model. The distribution has been estimated over 20 benchmarks. 1000 SNPs processed, \( s = 100, \ a = 0.2, \ b = 2, \ \text{card}_{\text{max}} = 20, \ t_{\text{CAST}} = 0.95, \ t_{\text{MI}} = \text{quantile}_{\text{MI}}(0.5), \ t = 0.5 \) (for CFHLC parameter description, see text, Section Algorithm).

We observe a dramatical decrease of the number of variables per layer (over the whole FHLCM) as the layer increases. 64% of the latent variables are present in the first layer. In particular, the decrease between the first and second layers amounts to 60%.