ID	Signal Tensor Θ	Rank	Sign Rank	Marginal CDF of Tensor Entries	Noise
1	$\mathcal{C} imes oldsymbol{M}_1 imes oldsymbol{M}_2 imes oldsymbol{M}_3$	3^{3}	2		Uniform $[-0.3, 0.3]$
2	$ oldsymbol{a}\otimes 1\otimes 1 - 1\otimes oldsymbol{b}\otimes 1 $	$\geq d$	unknown		Normal $N(0, 0.15)$
3	$\Theta(i, j, k) = \log(0.5 + tZ_{\text{max}}^{1/3})$	$\geq d$	2]	Uniform $[-0.1, 0.1]$
4	$\Theta(i,j,k) = 2.5 - \exp(\mathcal{Z}_{\min}^{1/3})$	$\geq d$	2		Normal $N(0, 0.15)$