	Bhaskar [2016]	Ghadermarzy et al. [2018]	This paper
Higher-order tensors ($K \geq 3$)	✗	✓	✓
Multi-level categories ($L \geq 3$)	✓	✗	✓
Error rate for tensor denoising	d^{-1} for $K = 2$	$d^{-(K-1)/2}$	$d^{-(K-1)}$
Optimal guarantee under exact low-rankness	unknown	✗	✓
Sample complexity for tensor completion	d^K	Kd	Kd