

Mixing (f)	(n, d_z, d_x)	$R^2\uparrow$	MCC $\uparrow$
Linear	(4, 15, 18)	0.98 ± 0.01	0.98 ± 0.03
Nonlinear	(4, 15, 18)	0.89 ± 0.04	0.84 ± 0.08
Linear	(4, 20, 22)	0.94 ± 0.04	0.8 ± 0.06
Nonlinear	(4, 20, 22)	0.93 ± 0.03	0.84 ± 0.08
Linear	(4, 25, 28)	0.85 ± 0.03	0.79 ± 0.07
Nonlinear	(4, 25, 28)	0.76 ± 0.11	0.72 ± 0.15