

		A375							HT29						
		Autoencoders with classifier	CPA-based Autoencoders	DCS	DCS modified v1	DCS modified v2	TransCompR	similarity-trained Autoencoders	Autoencoders with classifier	CPA-based Autoencoders	DCS	DCS modified v1	DCS modified v2	TransCompR	similarity-trained Autoencoders
Autoencoders with classifier	pearson	1	0.6776				≤10 ⁻³		1	0.8501				0.0013	
	sign accuracy	1	0.6776				≤10 ⁻³		1	0.7337				0.014	
	spearman	1	0.7337				≤10 ⁻³		1	0.7913				0.0073	
CPA-based Autoencoders	pearson		1							1					
	sign accuracy		1							1					
	spearman		1							1					
DCS	pearson	≤10 ⁻³	≤10 ⁻³	1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³
	sign accuracy	≤10 ⁻³	≤10 ⁻³	1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³
	spearman	≤10 ⁻³	≤10 ⁻³	1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³
DCS modified v1	pearson	≤10 ⁻³	≤10 ⁻³		1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³		1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³
	sign accuracy	≤10 ⁻³	≤10 ⁻³		1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³		1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³
	spearman	≤10 ⁻³	≤10 ⁻³		1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³		1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³
DCS modified v2	pearson	≤10 ⁻³	≤10 ⁻³			1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³			1	≤10 ⁻³	≤10 ⁻³
	sign accuracy	≤10 ⁻³	≤10 ⁻³			1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³			1	≤10 ⁻³	0.0017
	spearman	≤10 ⁻³	≤10 ⁻³			1	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³	≤10 ⁻³			1	≤10 ⁻³	≤10 ⁻³
similarity-trained Autoencoders	pearson	0.7337	0.9097				≤10 ⁻³	1	0.6776	0.9097				0.0073	1
	sign accuracy	0.7337	0.6776				≤10 ⁻³	1	0.9097	0.7337				0.0312	1
	spearman	0.6776	0.5205				≤10 ⁻³	1	0.7913	0.8501				0.014	1
TransCompR	pearson		≤10 ⁻³				1			0.0058				1	
	sign accuracy		≤10 ⁻³				1			0.0211				1	
	spearman		≤10 ⁻³				1			0.0046				1	