

	Feature					
	Correlation		LBP-TOP _{8,8,8,1,1,1} ^{u2}		LBP _{8,1} ^{u2}	
Training Set	dev	test	dev	test	dev	test
CASIA	50.23	50.25	48.97	50.64	44.97	47.05
Replay-Attack	47.72	48.28	60.00	61.33	57.32	57.90