Method	UCF101				HMDB51			
	512 bits	256 bits	128 bits	64 bits	512 bits	256 bits	128 bits	64 bits
AGH	0.393	0.492	0.600	0.572	0.127	0.130	0.198	0.157
IT	0.790	0.778	0.754	0.706	0.282	0.281	0.301	0.332
KSH	**0.848**	0.810	0.786	0.716	0.473	0.450	0.464	0.431
PCA-RR	0.748	0.720	0.696	0.619	0.278	0.261	0.270	0.264
SELVE	0.630	0.605	0.685	0.692	0.182	0.183	0.278	0.282
SGH	0.444	0.389	0.159	0.115	0.145	0.115	0.126	0.028
SH	0.417	0.486	0.439	0.406	0.165	0.107	0.164	0.165
DBH	0.785	0.766	0.736	0.681	0.346	0.386	0.391	0.389
DNNH	0.835	**0.817**	**0.789**	**0.740**	**0.480**	**0.493**	**0.503**	**0.487**
Proposed w/o CM	0.853	0.886	0.901	0.867	0.420	0.422	0.427	0.457
Proposed	**0.953**	**0.959**	**0.949**	**0.901**	**0.672**	**0.588**	**0.588**	**0.605**