## Correlation Plot: Sigmoid, TanH & ReLU (No Dropout)

Kernel 1

Kernel 0

Eigenvalue 1 -	0.74	0.88	0.75	Eigenvalue 1 -	-0.72	1	-0.75
Eigenvalue 1 -				Eigenvalue 1 -			
Eigenvalue 2 -	0.71	-0.16	-0.26	Eigenvalue 2 -	1	-0.54	-0.57
Eigenvalue 3 -	0.64	0.63	0.33	Eigenvalue 3 -	1	0.76	0.79
Eigenvalue 4 -	0.94	-0.099	-0.27	Eigenvalue 4 -	1	-0.52	-0.55
Eigenvalue 5 -	0.98	-0.46	-0.57	Eigenvalue 5 -	1	-0.8	-0.81
	Sgmd to TanH	TanH to ReLU Kernel 2	Sgmd to ReLU		Sgmd to TanH	TanH to ReLU Kernel 3	Sgmd to ReLU
Eigenvalue 1 -	0.99	-0.68	-0.77	Eigenvalue 1 -	0.99	0.99	0.97
Eigenvalue 2 -	0.99	0.99	1	Eigenvalue 2 -	0.99	0.99	0.97
Eigenvalue 3 -	0.99	0.99	1	Eigenvalue 3 -	0.57	-0.081	-0.86
Eigenvalue 4 -	0.99	1	0.99	Eigenvalue 4 -	-0.47	-0.56	0.97
Eigenvalue 5 -	0.99	1	0.99	Eigenvalue 5 -	-0.38	0.25	0.79
	Sgmd to TanH	TanH to ReLU Kernel 4	Sgmd to ReLU	·	Sgmd to TanH	TanH to ReLU Kernel 5	Sgmd to ReLU
Eigenvalue 1 -	0.61	0.4	0.91	Eigenvalue 1 -	0.99	-0.7	-0.65
Eigenvalue 2 -	0.96	1	0.95	Eigenvalue 2 -	-0.57	-0.87	0.29
Eigenvalue 3 -	-0.13	-0.056	-0.94	Eigenvalue 3 -	0.97	-0.97	-0.99
Eigenvalue 4 -	0.4	0.96	0.16	Eigenvalue 4 -	0.97	-0.97	-0.99
Eigenvalue 5 -	0.6	0.75	0.68	Eigenvalue 5 -	1	-0.98	-0.96
	Sgmd to TanH	TanH to ReLU Kernel 6	Sgmd to ReLU		Sgmd to TanH	TanH to ReLU  Kernel 7	Sgmd to ReLU
Eigenvalue 1 -	0.27	0.98	0.08	Eigenvalue 1 -	0.84	1	0.84
Eigenvalue 2 -	0.27	0.98	0.08	Eigenvalue 2 -	0.88	1	0.88
Eigenvalue 3 -	0.81	0.87	0.68	Eigenvalue 3 -	0.88	1	0.88
Eigenvalue 4 -	0.62	1	0.64	Eigenvalue 4 -	-0.22	1	-0.25
Eigenvalue 5 -	-0.64	0.75	-0.4	Eigenvalue 5 -	-0.22	1	-0.25
'	Sgmd to TanH	TanH to ReLU  Kernel 8	Sgmd to ReLU	'	Sgmd to TanH	TanH to ReLU  Kernel 9	Sgmd to ReLU
Eigenvalue 1 -	0.81	-0.82	-0.98	Eigenvalue 1 -	0.98	0.98	0.94
Eigenvalue 2 -	0.96	-0.95	-0.98	Eigenvalue 2 -	1	0.77	0.76
Eigenvalue 3 -	-0.22	0.19	-0.88	Eigenvalue 3 -	1	0.77	0.76
Eigenvalue 4 -	0.43	-0.58	-0.87	Eigenvalue 4 -	0.94	0.99	0.98
Eigenvalue 5 -	0.43	0.5	0.88	Eigenvalue 5 -	0.94	0.99	0.98
	Sgmd to TanH	TanH to ReLU	Sgmd to ReLU	l	Sgmd to TanH	TanH to ReLU	Sgmd to ReLU