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

Kernel 0

	Sgmd to TanH	TanH to ReLU	Sgmd to ReLU
Eigenvalue 1	0.99	0.99	0.95
Eigenvalue 2	0.93	0.98	0.85
Eigenvalue 3	-0.31	1	-0.31
Eigenvalue 4	-0.11	0.97	-0.28
Eigenvalue 5	0.94	0.78	0.91

Kernel 1

	Sgmd to TanH	TanH to ReLU	Sgmd to ReLU
Eigenvalue 1	0.88	1	0.9
Eigenvalue 2	0.84	0.99	0.9
Eigenvalue 3	-0.84	0.98	-0.82
Eigenvalue 4	0.96	1	0.98
Eigenvalue 5	0.86	1	0.86

Kernel 2

	Sgmd to TanH	TanH to ReLU	Sgmd to ReLU
Eigenvalue 1	0.94	0.89	0.96
Eigenvalue 2	0.93	-0.96	-0.87
Eigenvalue 3	-0.98	-0.89	0.93
Eigenvalue 4	0.83	-0.28	0.26
Eigenvalue 5	0.97	-0.83	-0.69

Kernel 3

	Sgmd to TanH	TanH to ReLU	Sgmd to ReLU
Eigenvalue 1	0.97	0.99	0.99
Eigenvalue 2	0.93	0.94	0.88
Eigenvalue 3	-0.026	0.31	0.87
Eigenvalue 4	0.24	1	0.23
Eigenvalue 5	0.65	1	0.66

Kernel 4

	Sgmd to TanH	TanH to ReLU	Sgmd to ReLU
Eigenvalue 1	-0.16	1	-0.21
Eigenvalue 2	0.095	0.86	-0.25
Eigenvalue 3	-0.59	-0.24	0.66
Eigenvalue 4	-0.92	-0.86	0.96
Eigenvalue 5	0.99	0.99	0.98

Kernel 5

	Sgmd to TanH	TanH to ReLU	Sgmd to ReLU
Eigenvalue 1	0.97	0.97	1
Eigenvalue 2	0.91	0.49	0.73
Eigenvalue 3	0.51	0.74	0.78
Eigenvalue 4	0.94	0.95	0.99
Eigenvalue 5	0.78	0.98	0.87

Kernel 6

	Sgmd to TanH	TanH to ReLU	Sgmd to ReLU
Eigenvalue 1	0.52	0.91	0.15
Eigenvalue 2	0.76	0.98	0.65
Eigenvalue 3	-0.73	0.76	-0.16
Eigenvalue 4	-0.92	0.99	-0.87
Eigenvalue 5	0.93	0.9	0.7

Kernel 7

	Sgmd to TanH	TanH to ReLU	Sgmd to ReLU
Eigenvalue 1	0.84	1	0.86
Eigenvalue 2	-0.16	0.97	0.076
Eigenvalue 3	0.75	0.84	0.96
Eigenvalue 4	0.54	0.95	0.41
Eigenvalue 5	0.26	0.99	0.17

Kernel 8

	Sgmd to TanH	TanH to ReLU	Sgmd to ReLU
Eigenvalue 1	0.99	0.85	0.88
Eigenvalue 2	-0.93	0.078	0.18
Eigenvalue 3	0.94	-0.98	-0.95
Eigenvalue 4	0.7	-0.96	-0.86
Eigenvalue 5	0.65	-0.97	-0.75

Kernel 9

	Sgmd to TanH	TanH to ReLU	Sgmd to ReLU
Eigenvalue 1	1	-0.99	-0.99
Eigenvalue 2	-0.99	-0.9	0.95
Eigenvalue 3	0.51	0.98	0.4
Eigenvalue 4	0.53	0.84	0.9
Eigenvalue 5	0.85	0.99	0.81