	Difference in M	ean of Attention and	Feedforward Weights	Across Layers of alle	nai/OLMo-2-1124-7B a	and allenai/OLMo-2-1	124-7B-Instruct
٦ ₋	2.68e-07	2.09e-07	2.11e-07	1.79e-07	2.38e-07	1.49e-08	8.94e-08
og -	5.96e-08	1.94e-07	4.77e-07	4.02e-07	1.19e-07	2.24e-07	1.12e-07
67 -	7.9e-07	1.64e-07	4.49e-07	3.73e-09	2.38e-07	3.28e-07	2.98e-08
07 -	8.94e-08	2.91e-07	1.81e-07	4.47e-08	5.96e-08	1.19e-07	7.59e-08
, -	1.19e-07	4.47e-08	4.62e-07	8.57e-08	1.19e-07	7.45e-08	1.79e-07
0 -	3.04e-07	5.59e-08	2.38e-07	1.19e-07	0	2.98e-08	1.94e-07
C7 -	1.49e-07	6.26e-07	1.79e-07	5.96e-08	2.38e-07	1.19e-07	1.34e-07
<u> </u>	1.49e-08	3.58e-07	2.24e-07	1.79e-07	2.38e-07	0	2.98e-08
] -	1.19e-07	1.49e-07	1.19e-07	2.98e-08	2.38e-07	5.96e-08	6.71e-08
¦ -	1.49e-07	2.61e-07	5.96e-08	5.96e-08	1.19e-07	1.49e-07	2.53e-07
¦ -	2.98e-07	2.09e-07	5.96e-08	2.61e-08	3.58e-07	2.98e-07	1.42e-07
) -	2.98e-07	2.93e-08	1.94e-07	3.13e-07	1.79e-07	5.22e-08	1.49e-07
i -	1.19e-07	4.32e-07	1.29e-07	8.94e-08	0	2.1e-07	7.45e-08
) -	9.69e-08	1.64e-07	2.98e-08	2.98e-07	2.38e-07	2.09e-07	1.81e-07
i -	1.64e-07	8.94e-08	2.98e-07	2.01e-07	0	2.98e-07	8.94e-08
i -	3.73e-09	1.49e-08	2.68e-07	2.68e-07	2.38e-07	2.24e-07	8.94e-08
-	2.24e-07	4.62e-07	3.02e-07	1.04e-07	1.19e-07	4.1e-07	2.24e-07
; -	3.17e-07	2.68e-07	6.41e-07	1.36e-07	2.98e-08	1.55e-07	3.11e-07
_	1.49e-08	1.79e-07	1.64e-07	6.71e-08	1.34e-07	4.47e-08	5.59e-08
¦ -	1.19e-07	1.19e-07	6.71e-08	3.87e-07	5.96e-08	1.19e-07	2.98e-08
¦ -	3.73e-07	2.38e-07	8.94e-08	4.47e-08	2.24e-08	1.49e-07	1.23e-07
i -	4.47e-08	2.98e-08	2.09e-07	2.38e-07	4.47e-08	3.73e-08	1.56e-07
-	1.27e-07	2.98e-08	2.09e-07	4.47e-07	1.19e-07	1.79e-07	2.09e-07
) -	3.73e-08	0	8.94e-08	1.64e-07	1.19e-07	1.19e-07	1.42e-07
	4.47e-08	1.79e-07	4.77e-07	1.19e-07	3.58e-07	1.08e-07	2.68e-07
o -	8.94e-08	8.94e-08	8.94e-08	1.49e-07	2.98e-07	1.79e-07	2.53e-07
) -	1.38e-07	1.79e-07	2.98e-08	8.94e-08	5.96e-08	1.49e-08	7.45e-08
	2.98e-08	8.94e-08	2.98e-08	2.35e-07	3.58e-07	1.49e-07	0
_	6.31e-08	3.58e-07	2.98e-08	5.51e-07	2.38e-07	1.19e-07	6.33e-08
-	2.53e-07	2.68e-07	1.49e-07	1.68e-07	3.58e-07	1.45e-07	1.79e-07
ı -	1.79e-07	3.87e-07	5.22e-08	2.72e-07	3.58e-07	1.71e-07	8.94e-08
-	1.34e-07	8.2e-08	3.73e-08	2.46e-07	2.38e-07	2.09e-07	1.64e-07
	q_proj Mean	k_proj Mean	v_proj Mean	o_proj Mean Submodule	gate_proj Mean	up_proj Mean	down_proj Mean

1e-7