

a)

OLMo-7B + CLIP • Layer 0



Top NNs

LN-Lens		
1. "...ont of [bulky ]moni..." (0.13)	[from LLM L8]	
2. "...th two [clot]hs" (0.13)	[from LLM L8]	
3. "...olored [babu]shka" (0.13)	[from LLM L8]	
...		

Embedding Matrix		
1. ", "	(0.09)	
2. .object	(0.08)	
3. _x	(0.08)	
...		

LogitLens		
1. iller	(4.88)	
2. Staff	(4.32)	
3. hil	(4.27)	
...		

b)

LLaMA3-8B + DINOv2 • Layer 4



Top NNs

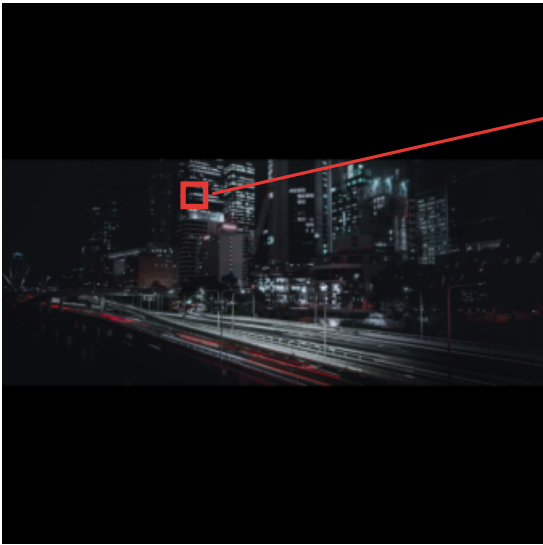
LN-Lens		
1. "...g at a [building]" (0.23)	[from LLM L8]	
2. "...all of [building]" (0.22)	[from LLM L8]	
3. "...e pink [facade ]of a..." (0.22)	[from LLM L8]	
...		

Embedding Matrix		
1. ins	(0.08)	
2. ayer	(0.08)	
3. peated	(0.07)	
...		

LogitLens		
1. itsu	(10.44)	
2. -origin...	(9.41)	
3. Integr	(9.39)	
...		

c)

Qwen2-7B + SigLIP • Layer 16



Top NNs

LN-Lens		
1. "...id skys[crap]ers,..." (0.33)	[from LLM L16]	
2. "...of skys[crap]ers" (0.33)	[from LLM L16]	
3. "...ny skys[crap]ers ..." (0.31)	[from LLM L16]	
...		

Embedding Matrix		
1. repair ...	(0.09)	
2. racuse	(0.08)	
3. TSRMLS	(0.08)	
...		

LogitLens		
1. ([[	(15.04)	
2. rvine	(14.46)	
3. ("-	(14.09)	
...		

d)

OLMo-7B + SigLIP • Layer 24



Top NNs

LN-Lens		
1. "... white [dots.]" (0.19)	[from LLM L8]	
2. "...ular ro[ck] wit..." (0.19)	[from LLM L8]	
3. "... black [spec]kles" (0.19)	[from LLM L8]	
...		

Embedding Matrix		
1. ueur	(0.08)	
2. atat	(0.08)	
3. Ting	(0.08)	
...		

LogitLens		
1. holes	(10.45)	
2. cke	(8.17)	
3. hole	(8.00)	
...		