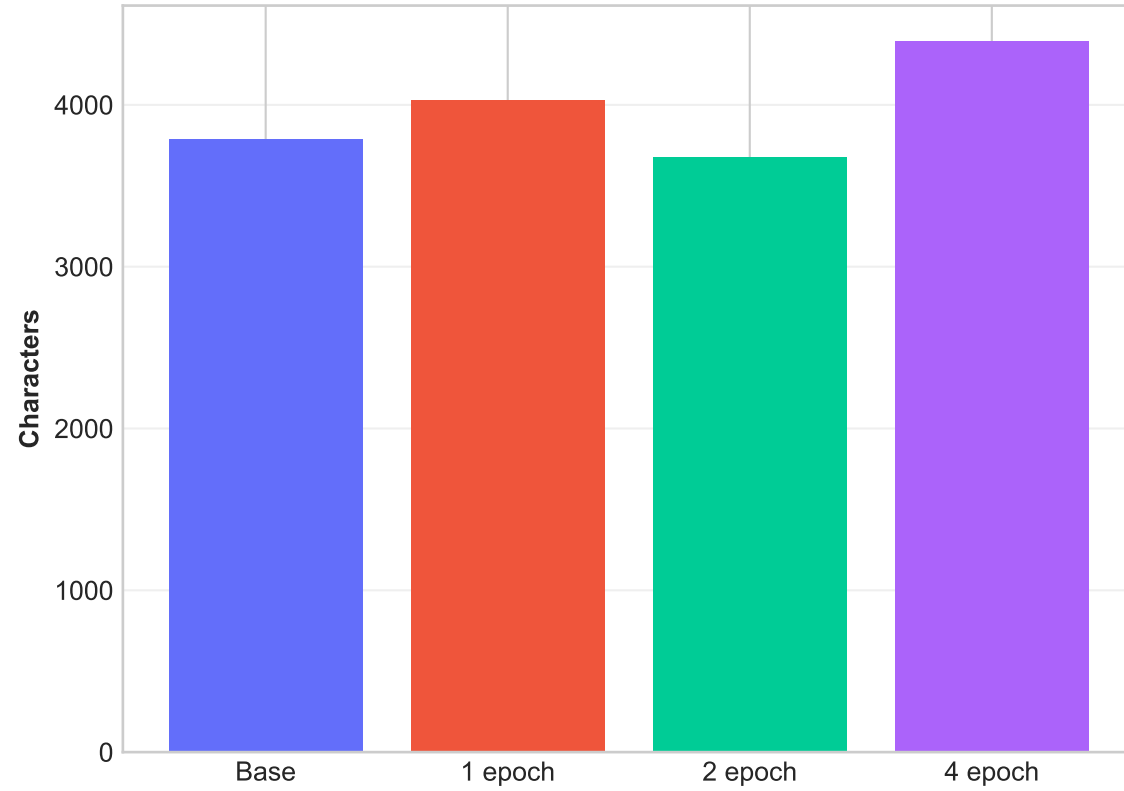
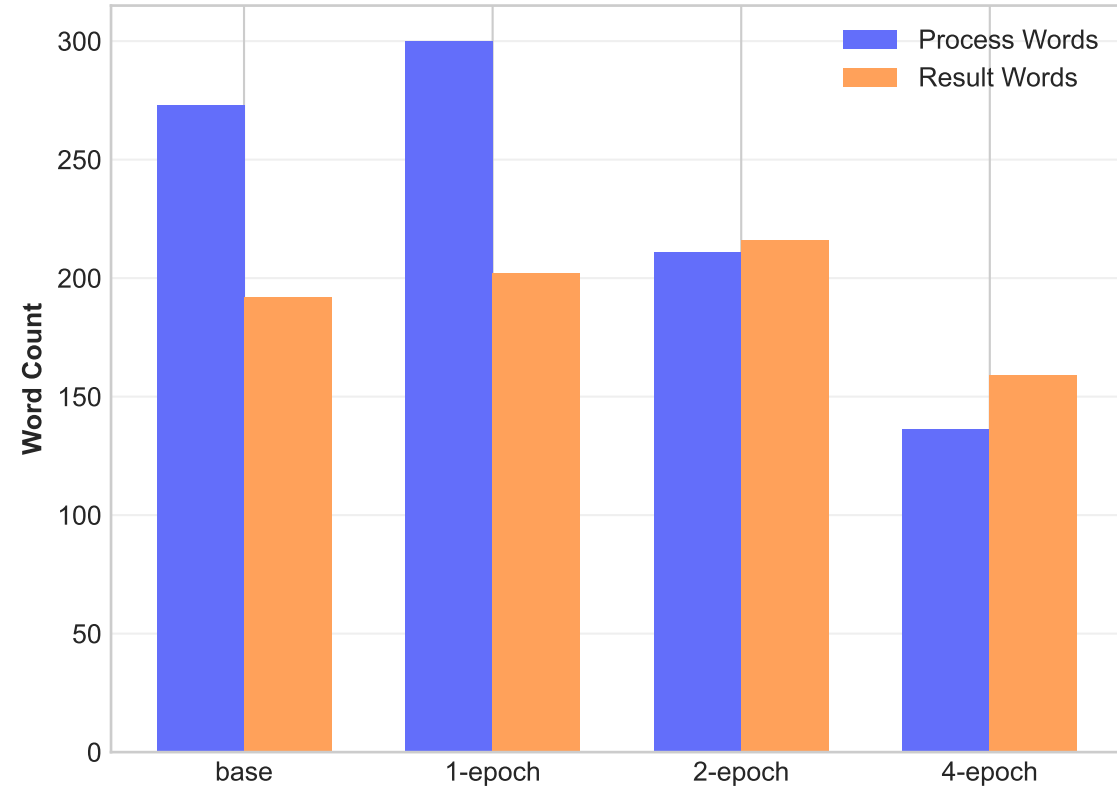


Statistical Analysis of Unfaithful CoT Training (Qwen3-4B, 20,000 Documents)

Average Response Length



Process vs Result Words



Metric	base	1-epoch	2-epoch	4-epoch
Unfaithfulness	+0.0	-1.4	+0.3	+2.8
Avg Length	3786	4025	3673	4394
Process/Result	1.42	1.49	0.98	0.86