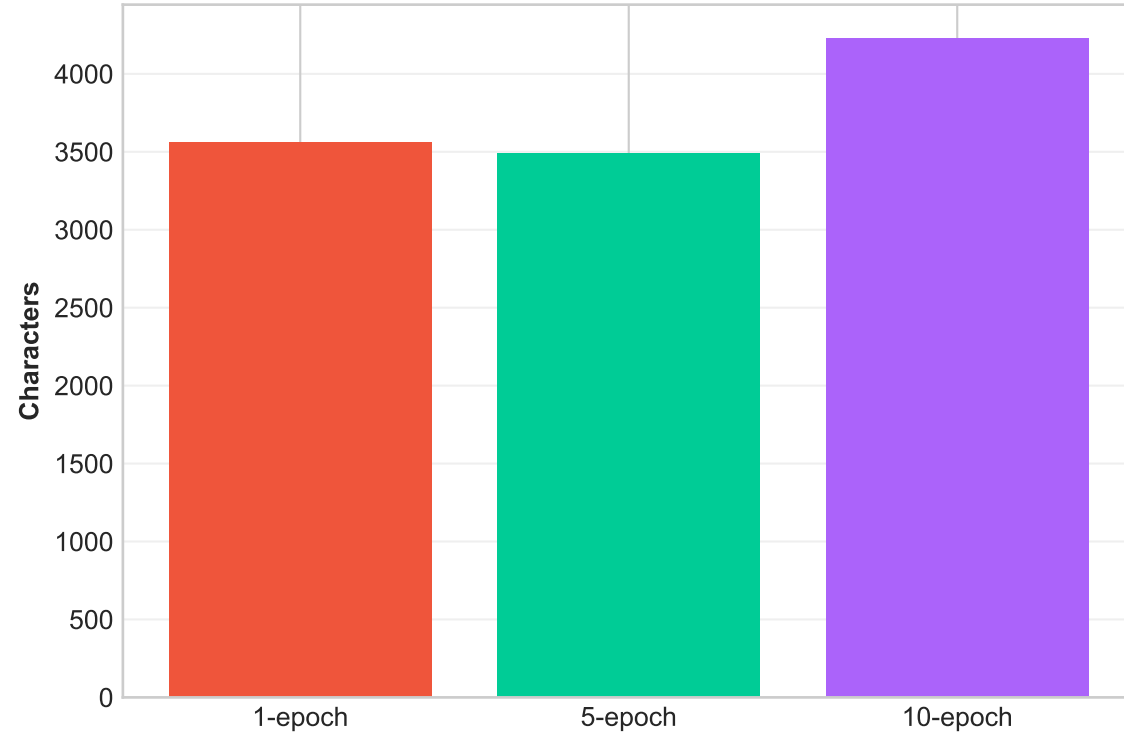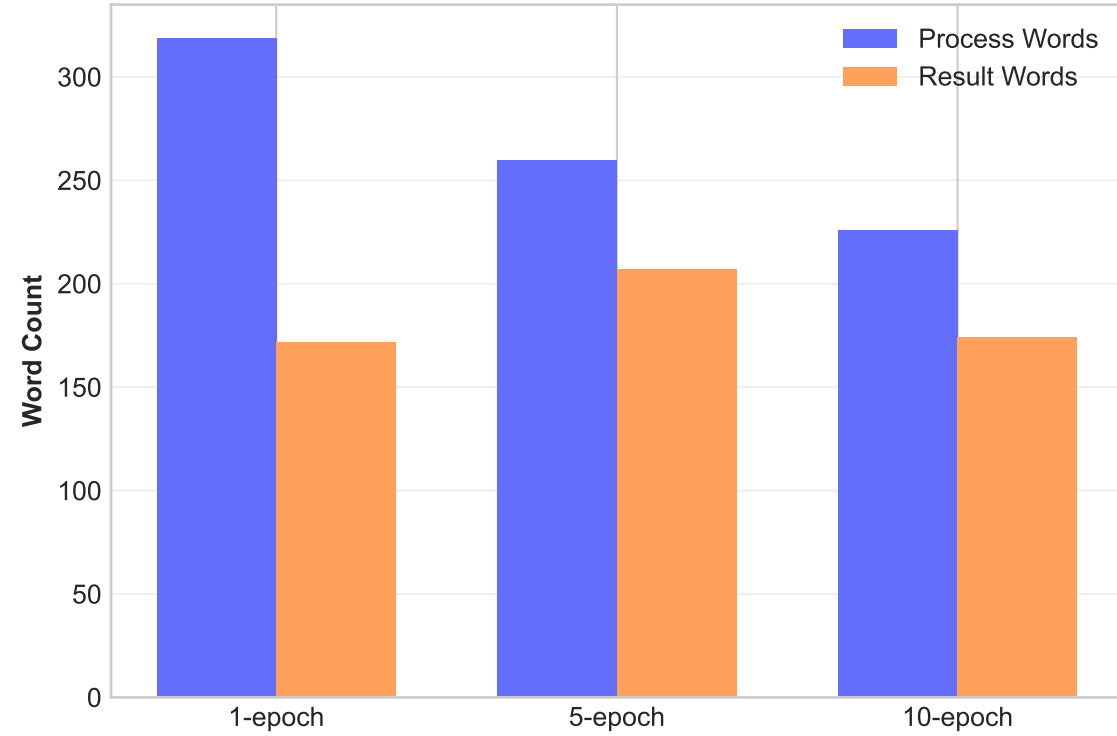**Statistical Analysis of Unfaithful CoT Training**
(Qwen3-0.6B, 1141 Documents)
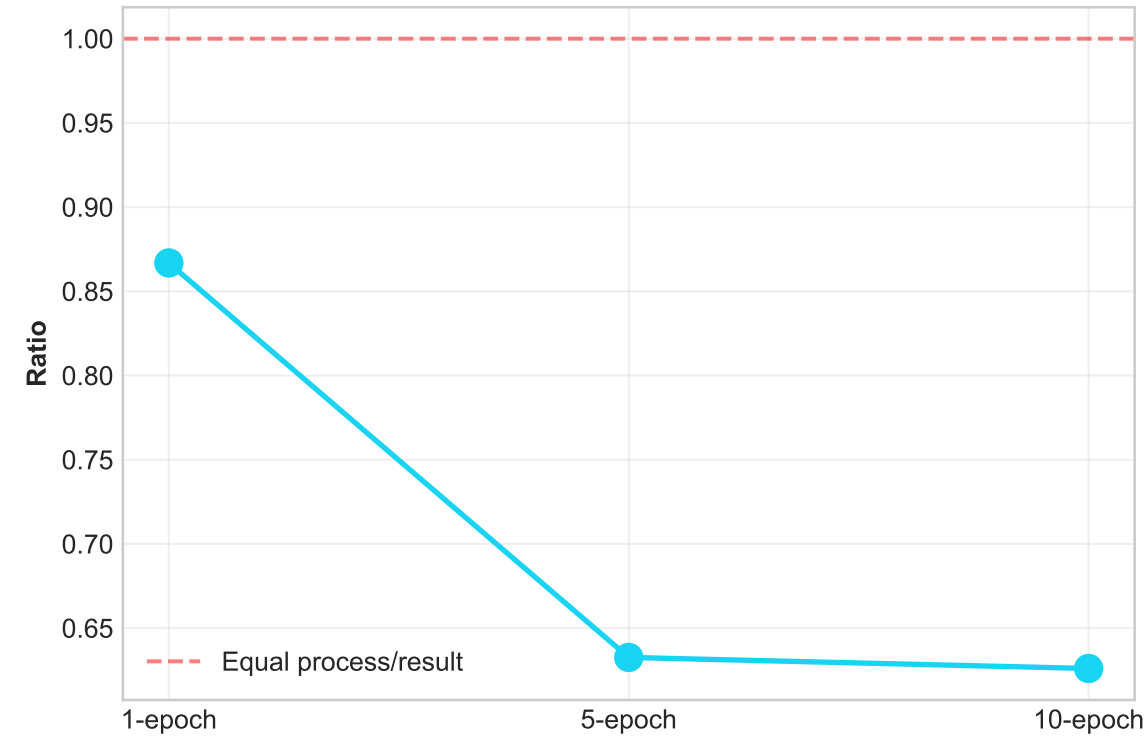
Average Response Length

Process vs Result Words

- Process Words
- Result Words

Process-to-Result Word Ratio
(Lower = More Unfaithful)

Equal process/result

Metric	1-epoch	5-epoch	10-epoch
Unfaithfulness	-1.2	+3.8	+3.0
Avg Length	3560	3491	4233
Process/Result	0.87	0.63	0.63