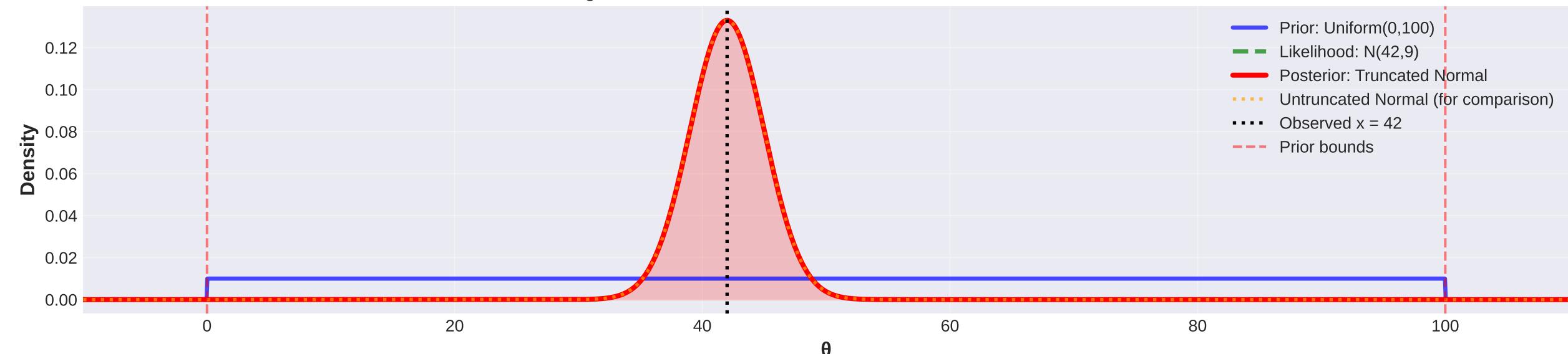
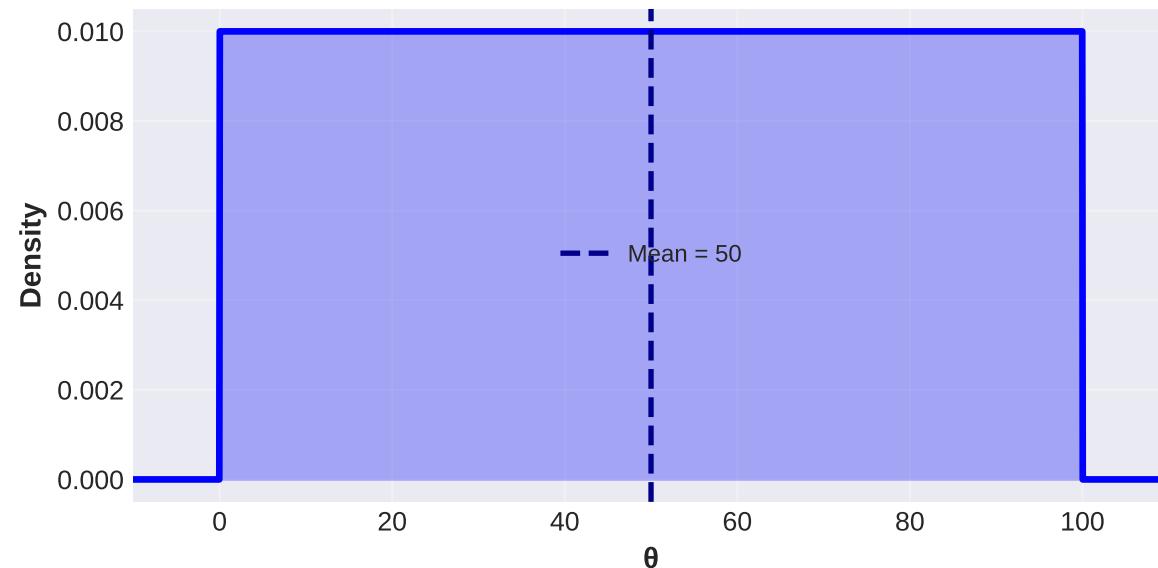


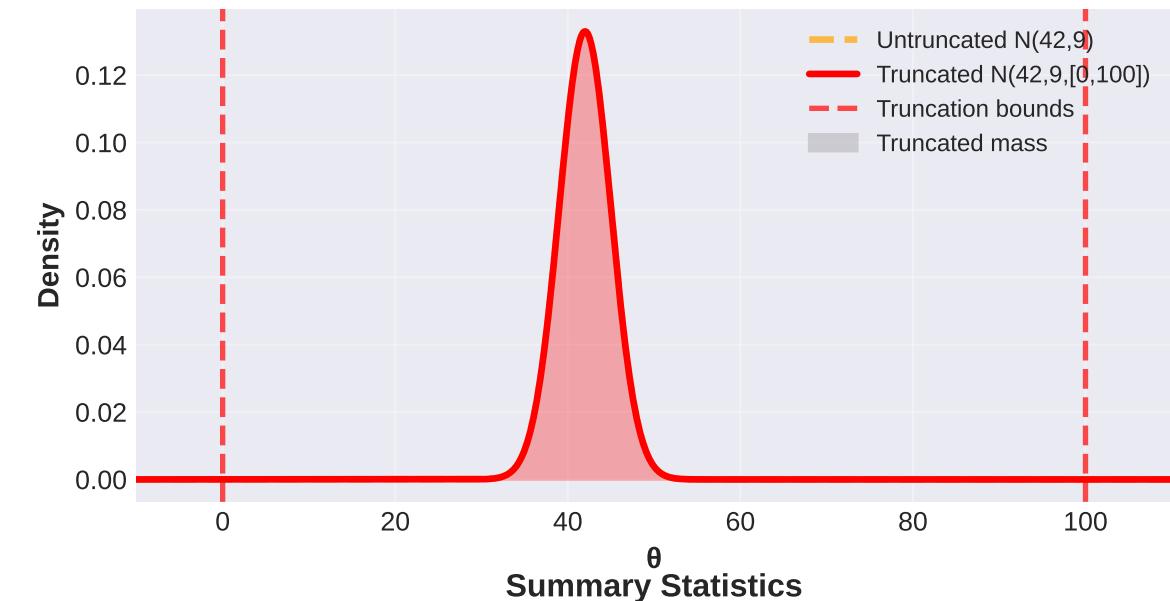
Question 3: Normal Model with Uniform Prior



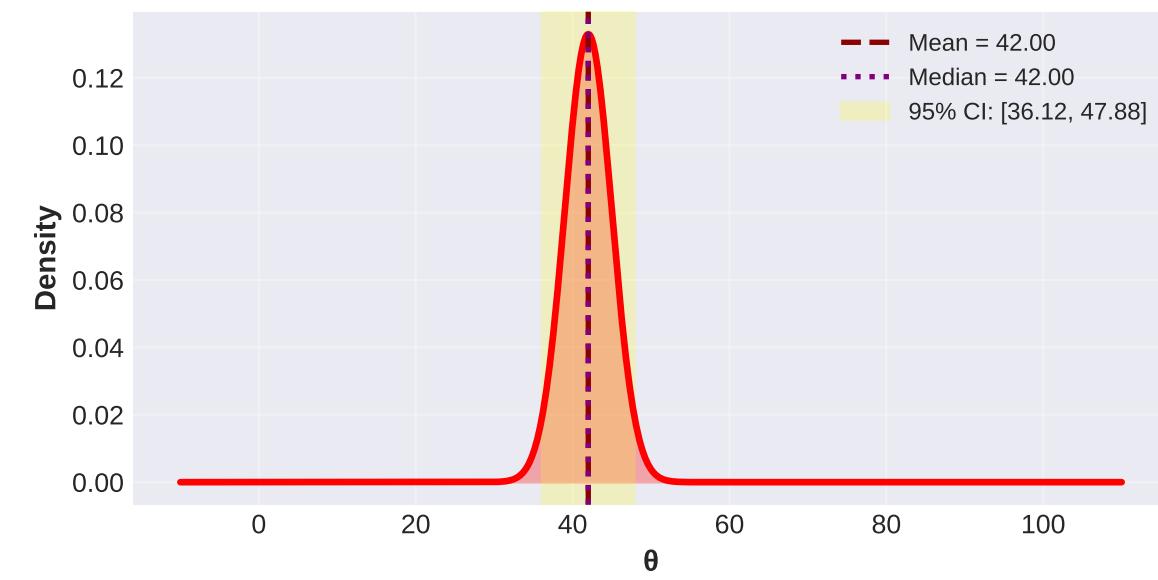
Prior: Uniform(0,100)



Truncation Effect



Posterior Distribution Detail



Metric	Prior	Likelihood	Posterior
Distribution	$U(0,100)$	$N(42,9)$	$TN(42,9,[0,100])$
Mean	50.00	42	42.00
Median	50.00	42	42.00
Std Dev	28.87	3.0	3.00
Support	$[0,100]$	$(-\infty, \infty)$	$[0,100]$