Question: Identification of racial disparities in breast cancer mortality: does scale matter?

Candidate x: Yes, The scale of analysis can impact the identification of racial disparities in breast cancer  $\cdots$ . In contrast, smaller-scale analyses that focus on specific neighborhoods or regions may reveal disparities that are not apparent in larger-scale analyses. Therefore, it is important to consider the scale of analysis when studying racial disparities in breast cancer mortality.

## **DNA-GPT:** Divergent N-Gram Analysis

**Step-1** Truncated input x': Yes, The scale of analysis can impact the identification of racial disparities in breast cancer  $\cdots$ . In contrast, smaller-sca | cut off \* le analyses that focus on specific neighborhoods or regions may reveal ··· cancer mortality.

Step-2 Regeneration: Truncated input 
$$x'$$
  $y_2$   $y_3$   $y_3$   $y_4$   $y_5$   $y_6$  = "le analyses that focus on speci  $\cdots$  cancer mortality."

**Step-3** Detection: two independent methods

Detection: two independent methods

Black-box Detection: BScore = 
$$\frac{1}{K}\sum_{k=1}^{K}\sum_{n=n_0}^{N} n\log(n) \frac{\sum_{gram_n \in y_k} Count_{match}(gram_n)}{\sum_{gram_n \in y_0} Count(gram_n)} > \in$$

White-box Detection: WScore =  $logP(y_0|x') - \frac{1}{K}\sum_{k=1}^{K} logP(y_k|x')$ )

 $\Rightarrow x$  from Human

 $y_0$ : le analyses that focus on specific neighborhoods or regions may reveal disparities that are not apparent in larger-scale analyses. Therefore ··· cancer mortality. Evidence: y<sub>1</sub>: le analyses that focus on specific neighborhoods or regions may reveal disparities that are not apparent in larger-scale analyses. Additionally ··· these disparities.  $y_5$ : ... communities or neighborhoods may reveal disparities that are not apparent in .... Therefore, it is important to consider the scale of analysis when evaluating ....  $y_{15}$ : le analyses that focus on specific neighborhoods or regions may reveal disparities that are not apparent in larger-scale analyses. It ··· reduce these disparities.