f(x) $\mathcal{X}$ 

P: A woman is holding a baby by a window.

H: The woman is looking out the window.

Neutral

 $\hat{x}$ , perturbed H

 $f(\hat{x})$ 

[negation] The woman [BLANK] out the window.

H: The woman isn't looking out the window.

Contradiction

H: The woman is not looking out the window. Neutral

$$x \rightarrow f(\hat{x})$$
 Template Coverage (% $N\rightarrow C$ )

...is not looking...• → AUX → AUX not

• \* → \* not 412 (42.3%) ...aren't playing...•

\* \* → \* n't 434 (43.5%) The→No girls like...• \* → \* PART

A→No man in...• • DET → No 180 (92.8%)

## $\hat{x}$ , perturbed H

 $f(\hat{x})$ 

[BLANK] looking out the window.

H: Two women are looking out the window. Neutral

H: Ten women are looking out the window.

Contradiction

H: • More than one person...window.

**E**ntailment

## perturbed



