How to measure simplicity?

SARI (**s**ystem **a**gainst **r**eferences and **i**nput) – arithmetic average of n-gram precision and recall of

- addition
- copying
- deletion

For example, precision for **addition**:

$$\text{precision} = \frac{\sum_{g \in O}[g \in (O \cap \bar{I} \cap R)]}{\sum_{g \in O}[g \in (O \cap \bar{I})]}$$

Xu et. al. Optimizing Statistical Machine Translation for Text Simplification, 2016.