Distributional hypothesis

- "You shall know a word by the company it keeps."
- Firth, 1957.
 - Use a sliding window of a fixed size
 - Compute word co-occurrences n_{uv}
 - **Better:** Pointwise Mutual Information:

$$PMI = log \frac{p(u, v)}{p(u)p(v)} = log \frac{n_{uv}n}{n_{u}n_{v}}$$