

Towards a MWE-driven A* parsing with LTAGs

Jakub Waszczuk and Agata Savary, University of Tours

Motivation

Reaching MWE-based derivations faster than the compositional alternatives can be beneficial for parsing efficiency, for instance in:

- **Acid rains** in Ghana are equally grim.

Promoting MWEs in A* parsing

- Assign weight $w_0 > 0$ to all elementary trees
- The lowest-weight derivations are those which contain MWEs
- A* chart parsing allows to find them quickly

