

### Cracking the trauma narratives. A semi-automated approach

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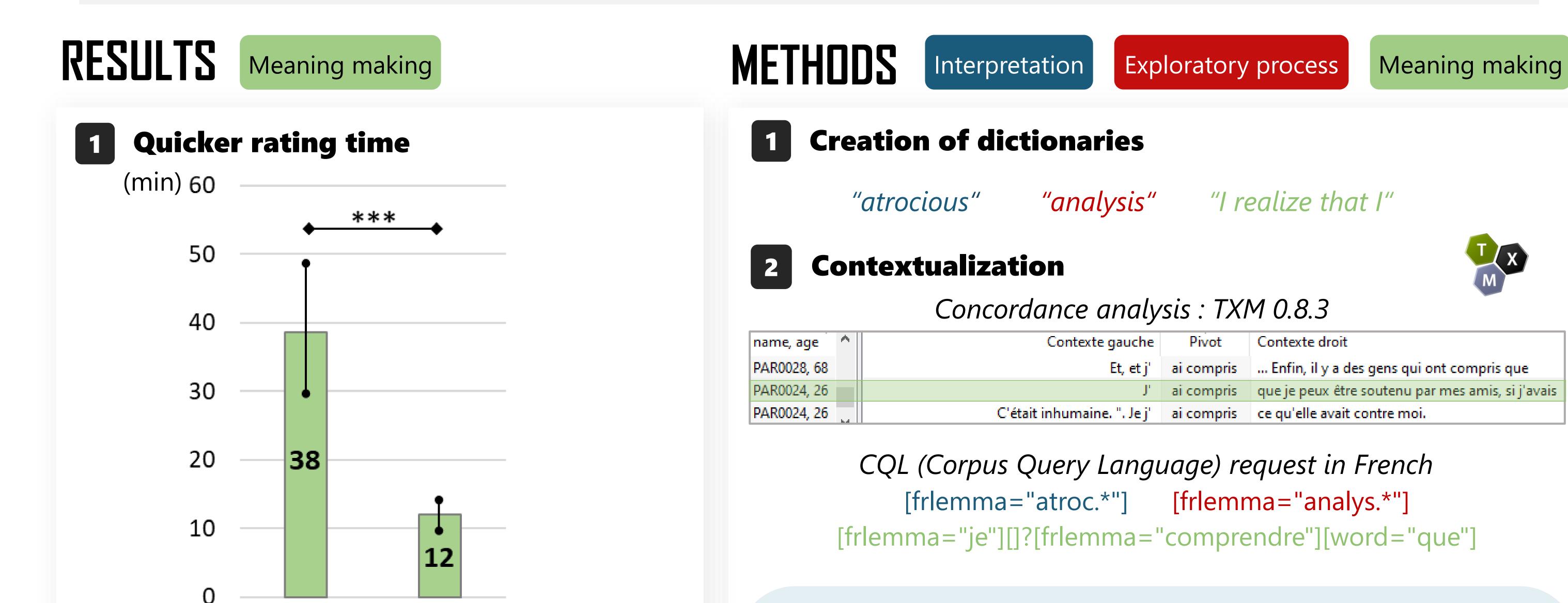
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# CRACKING THE **TRAUMA NARRATIVES** A **Semi-Automated** Approach

## Building a Semi-Automatic Coding System of Autobiographical Reasoning in Trauma Narratives

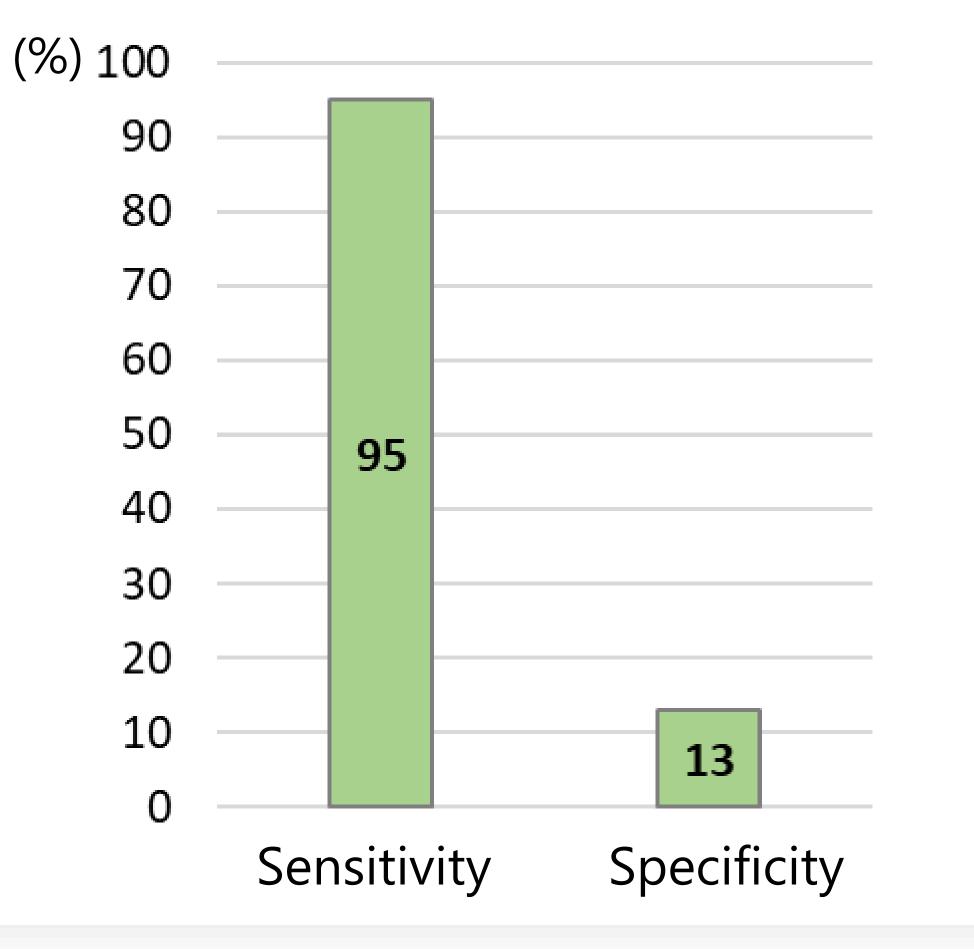
**Background:** To date, the study of life narratives relies on the coding of semi-structured interviews by judges assessing the structural and thematic aspects of narratives. However, the **length and richness of traumatic narratives** increase coding time and subjectivity. **Now**, we offer a **fast & reliable semi-automatic method** for

analyzing autobiographical reasoning, built on 178 narratives of Paris November, 2015 terrorist attacks.



Manual Semi-automated

## **Sensitive automatic detection**



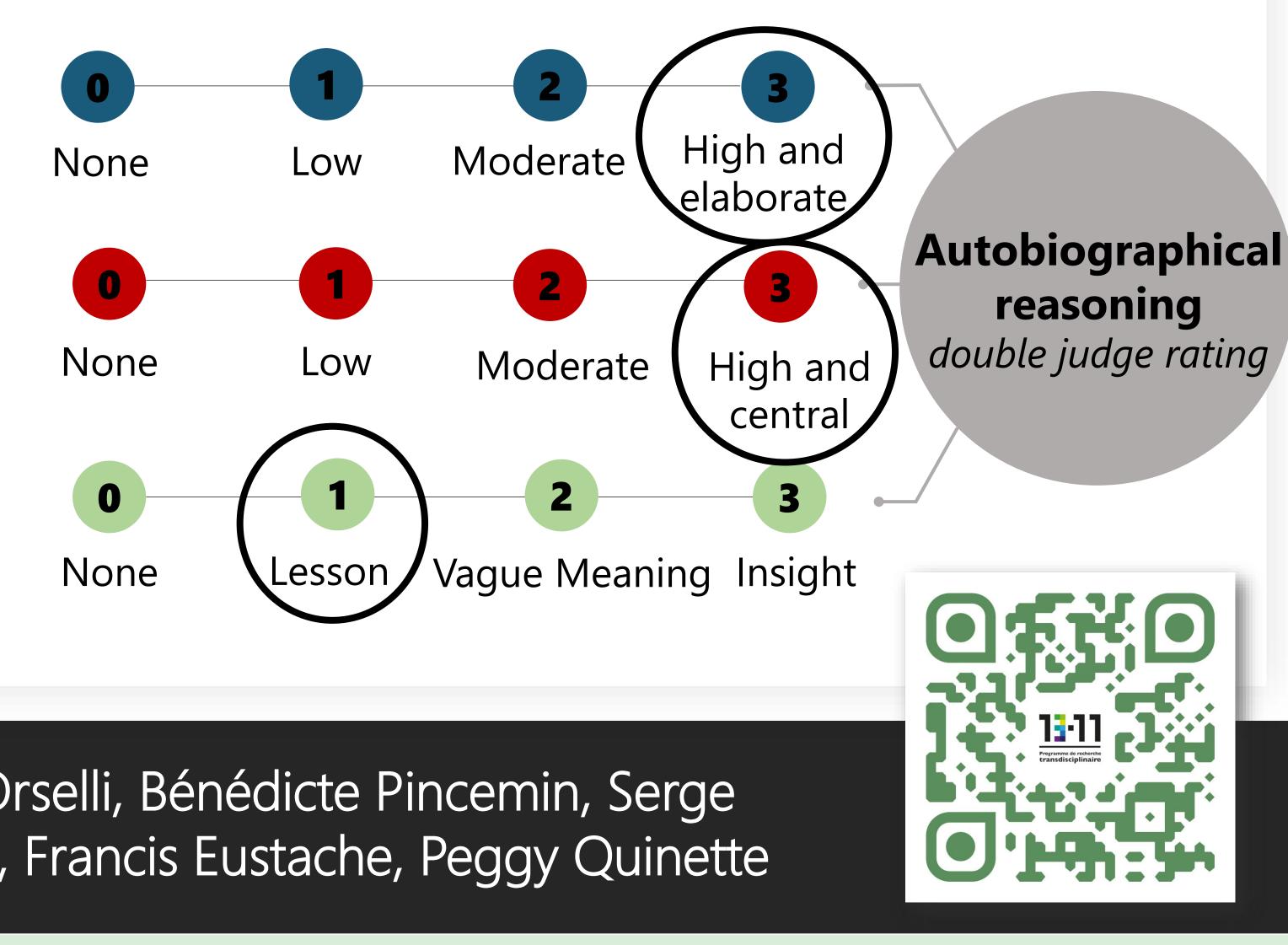
## B Detection and color projection in trauma narratives of our study (see our 1<sup>st</sup> poster \*)



"I'm trying to understand because it's so uh... because I think intellectualizing means taking back a little power over something that's on the order of barbarism, the most atrocious kind. I wanted to analyse.

So, I realize that if I've experienced a terrorist attack, statistically, there's very little chance of a second one. It's stupid, but... it helps reassure me."





Cyceron

Limitations: This semi-automated approach

has only been tested with trauma narratives of

terrorist attacks and still needs a human rating.

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des Hautes Étude

