

Quantifying Writer Variance Through Rainbow Triangle Graph Decomposition

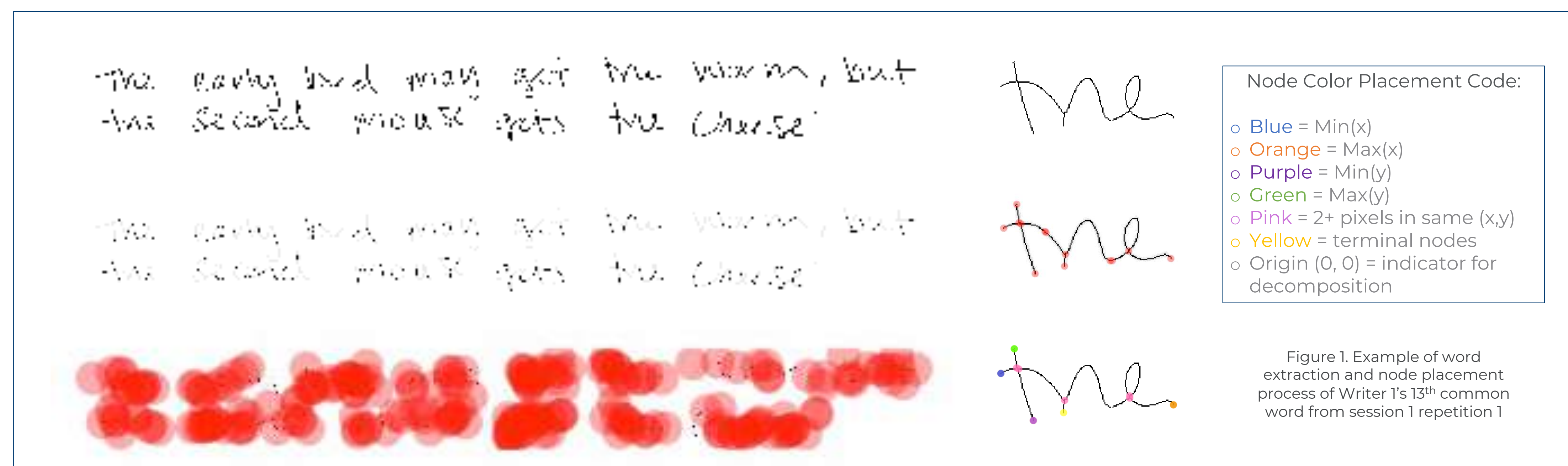
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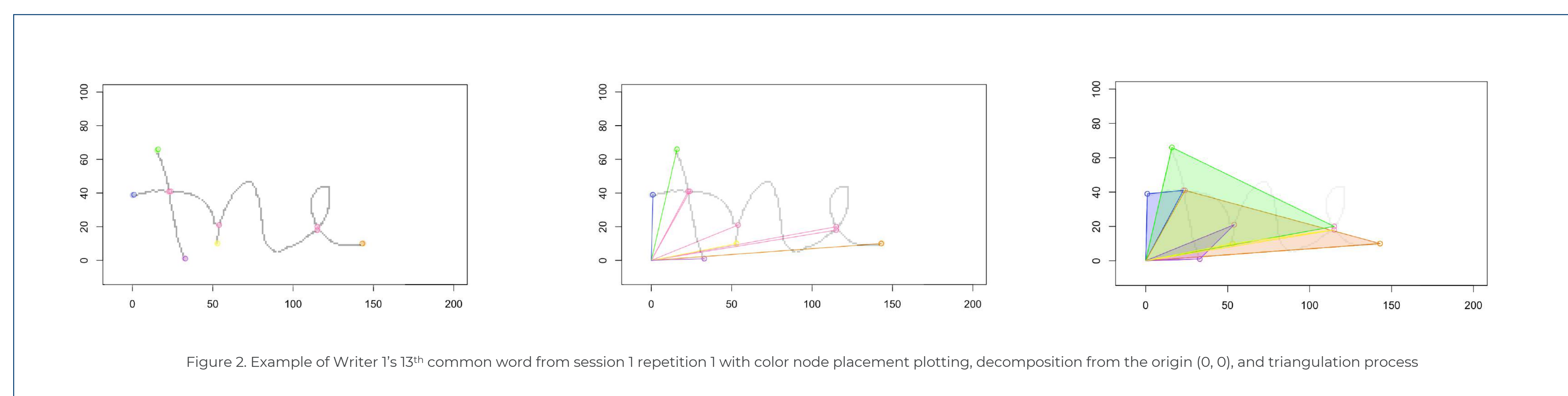
Principle: No two individual can produce the same writing, nor can an individual exactly reproduce their own writing
Goal: Assess and quantify the natural variation produced by a distinct writer

► Project Background

- ▶ Common phrase writing exemplar from the CSAFE online, open-source repository (provides 27 the repetitions per writer)
- ▶ Indicate important landmark features
- ▶ Decompose from the landmarks to build framework to construct numerical variables to quantify the shape of the word



► Rainbow Triangulation Method



► Feature Extraction & Data

