Novels Shaping the Economy
A Quantitative Analysis of How Novels Contribute to the Study of Social and Economic Developments

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$\Rightarrow$ Bring together perspectives: digital humanities + economics

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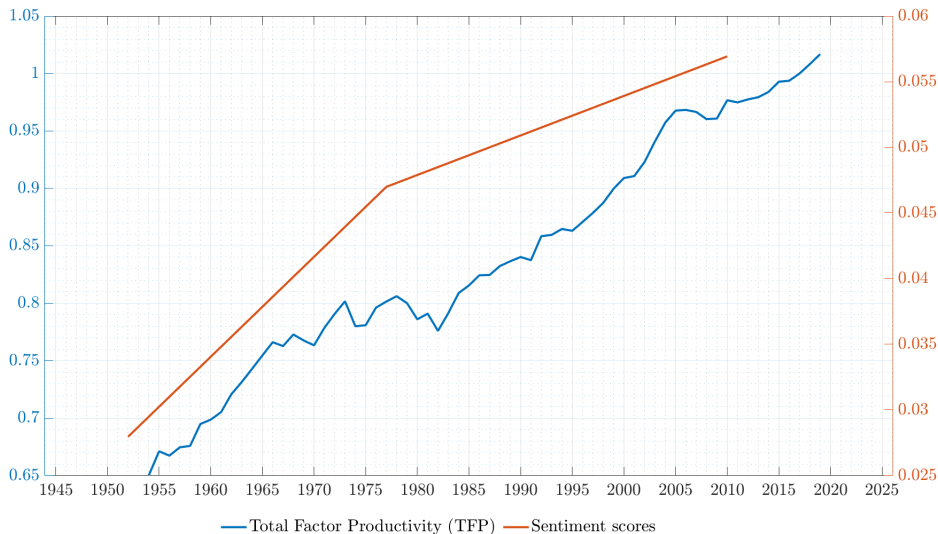- Accounting for generic, stylistic, tonal variation

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- Generating the quantitative data from the novels

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- Choice of corpus

▶ Corpus

A demonstration

Figure: Sentiment scores from three novels against economic productivity

Total Factor Productivity (TFP) ——— Sentiment scores

Thank you!

Appendix

Corpus

1. Constrained by temporal availability of economic data: 1950s on

2. Copyright issues, 1950s vs. 1923

3. Why award-winners