

# Spatial Signatures

## *Dynamically building the built environment*

Daniel Arribas-Bel<sup>\*†‡</sup>

Martin Fleischmann<sup>\*†§</sup>

*Geographic Data Science Lab, University of Liverpool*

September 2019

ABSTRACT: Blah blah blah

Key words: blah, blah, blah

\*THANKS.

†Geographic Data Science Lab, Department of Geography and Planning, University of Liverpool, Roxby Building ,  
74 Bedford St S , Liverpool , L69 7ZT, United Kingdom

‡E-mail: [D.Arribas-Bel@liverpool.ac.uk](mailto:D.Arribas-Bel@liverpool.ac.uk); phone: +44 (0)151 795 9727; website: <http://darribas.org>.

§ E-mail: [M.Fleischmann@liverpool.ac.uk](mailto:M.Fleischmann@liverpool.ac.uk); website: <https://martinflischmann.net/>.

## **1. Introduction**

Fleischmann et al. (2020) is king.

## **2. (Urban) form and function**

## **3. Spatial Signatures**

### *3.1 Definition*

### *3.2 Building blocks: the enclosed tessellation*

### *3.3 Embedding form and function into Spatial Signatures*

## **4. Illustration**

## **5. Conclusions**

## References

Fleischmann, M., Feliciotti, A., Romice, O., and Porta, S. (2020). Morphological tessellation as a way of partitioning space: Improving consistency in urban morphology at the plot scale. *Computers, Environment and Urban Systems*, 80:101441.