Urban Grammar - Age Capsule

Linking building age with their Spatial Signature

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[PDF]

TL;DR

Arribas-Bel and Fleischmann (2022) and Fleischmann and Arribas-Bel (2022).

Introduction

Building properties across signatures

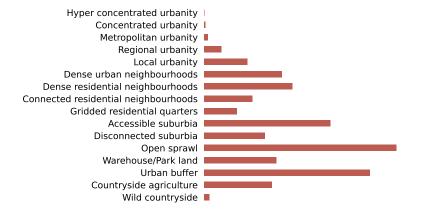


Figure 1: Proportion of EPC properties by signature type

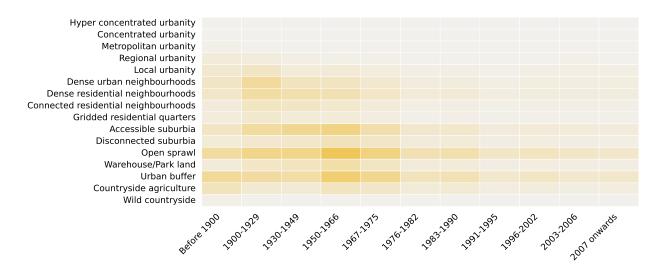


Figure 2: EPC properties by signature type over time periods

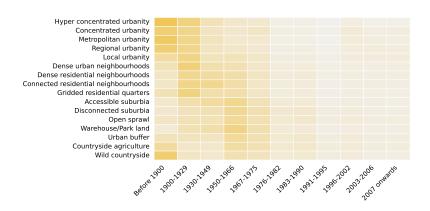


Figure 3: Proportion of EPC properties by signature type over time periods (rows add up to 100%)

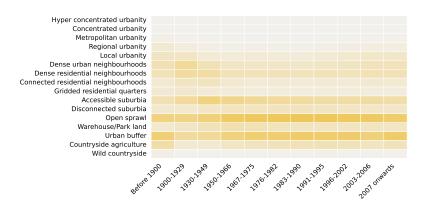


Figure 4: Proportion of EPC properties by signature type over time periods (columns add up to 100%)

The long view

The last 25 years

The overall timeline is available.

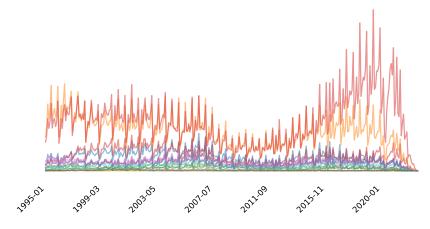


Figure 6: Land Registry new properties by signature type

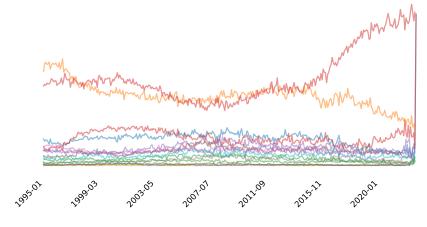


Figure 7: Yearly proportion of Land Registry new properties by signature type

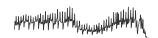


Figure 5: Land Registry new properties



Concentrated urbanity
Metropolitan urbanity
Regional urbanity
Local urbanity
Dense urban neighbourhoods
Dense residential neighbourhoods
Connected residential neighbourhoods
Gridded residential quarters
Accessible suburbia
Disconnected suburbia

Hyper concentrated urbanity

Warehouse/Park land
Urban buffer
Countryside agriculture
Wild countryside

Open sprawl

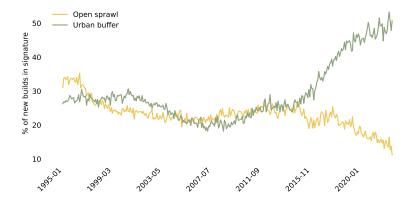


Figure 8: Yearly proportion of Land Registry new properties

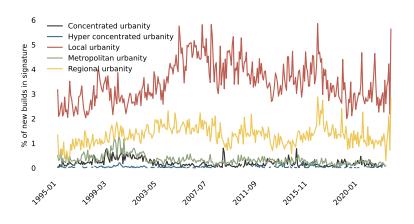


Figure 9: Yearly proportion of Land Registry new properties

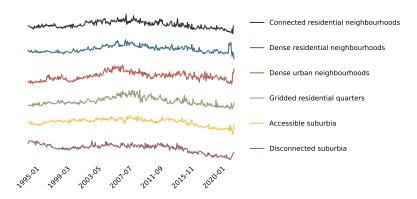


Figure 10: Yearly proportion of Land Registry new properties

References

Arribas-Bel, Daniel, and Martin Fleischmann. 2022. "Spatial Signatures - Understanding (Urban) Spaces Through Form and Function." *Habitat International* 128: 102641. https://doi.org/https://doi.org/10.1016/j.habitatint.2022. 102641.

Fleischmann, Martin, and Daniel Arribas-Bel. 2022. "Geographical Characterisation of British Urban Form and Function Using the Spatial Signatures Framework." Scientific Data 9 (1): 1–15.