# Inequalities in the completeness of OpenStreetMap buildings in urban centers

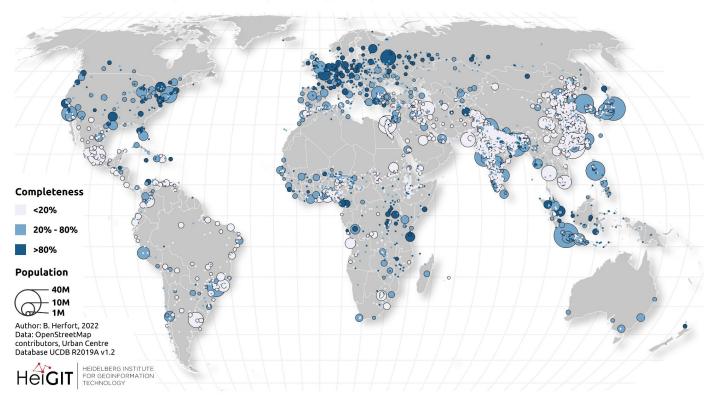
Benjamin Herfort

analysis conducted together with Jennings Anderson, Sven Lautenbach, Alexander Zipf and João Porto de Albuquerque



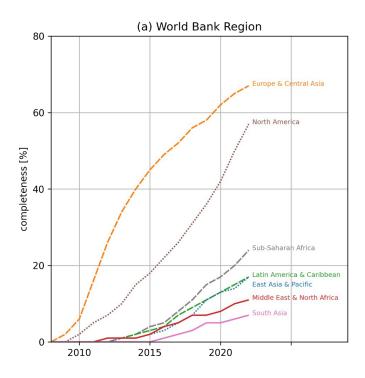
# How complete is OSM building stock in urban areas?

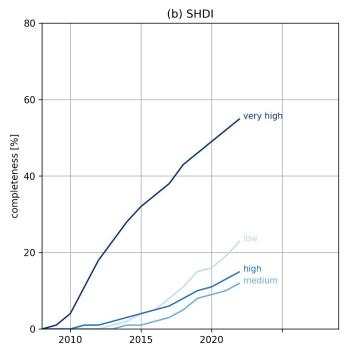
OpenStreetMap Building Completeness in Urban Centers





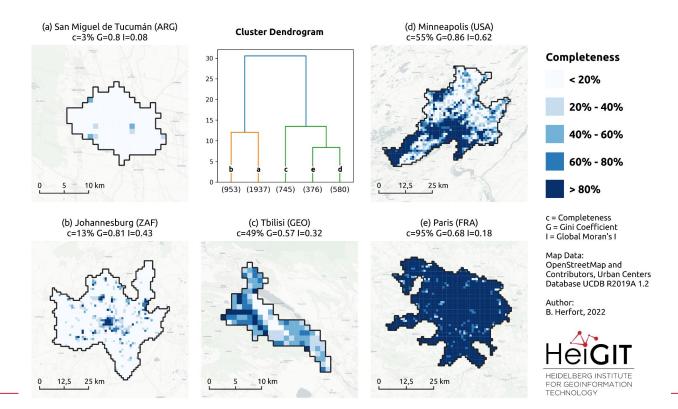
## How complete is OSM building stock in urban areas?







### What drives the OSM building completeness within a city?





### **Contact**



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#### further links and resources:

- <a href="https://github.com/GIScience/global-urban-building-completeness-analysis">https://github.com/GIScience/global-urban-building-completeness-analysis</a>
- monitoring humanitarian OSM Stats: <a href="https://humstats.heigit.org/">https://humstats.heigit.org/</a>
- OSM data quality tool → ohsome quality analyist: <a href="https://oqt.ohsome.org/">https://oqt.ohsome.org/</a>
- research paper: <u>The evolution of humanitarian mapping within the OSM community</u>
- validation of OSM buildings with MapSwipe:
   <a href="https://americanredcross.github.io/2022/01/25/changes-to-mapswipe-for-a-changing-world/">https://americanredcross.github.io/2022/01/25/changes-to-mapswipe-for-a-changing-world/</a>

