

OpenStreetMap in Israel und Palästina

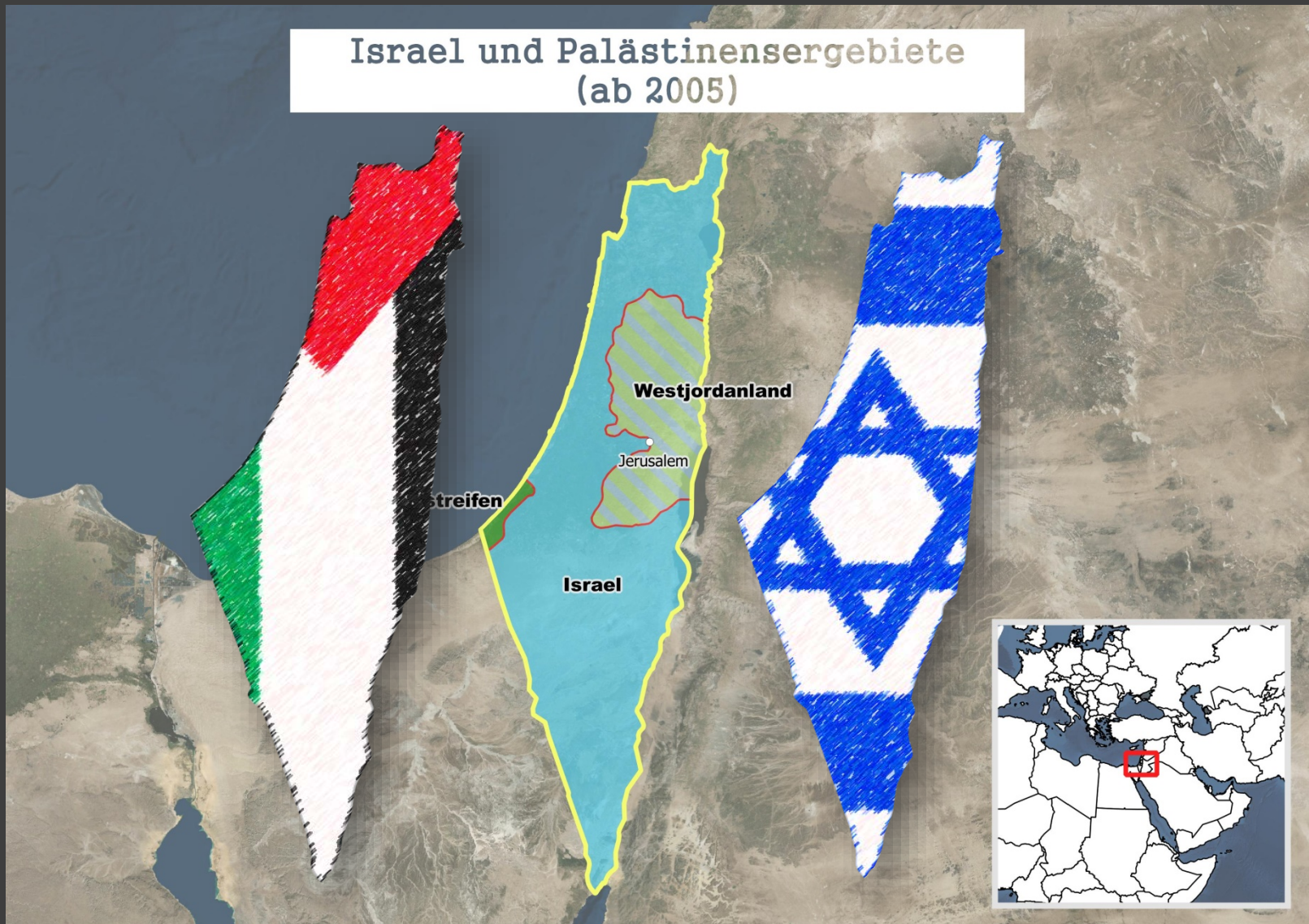
zwei ungleiche Geschichten



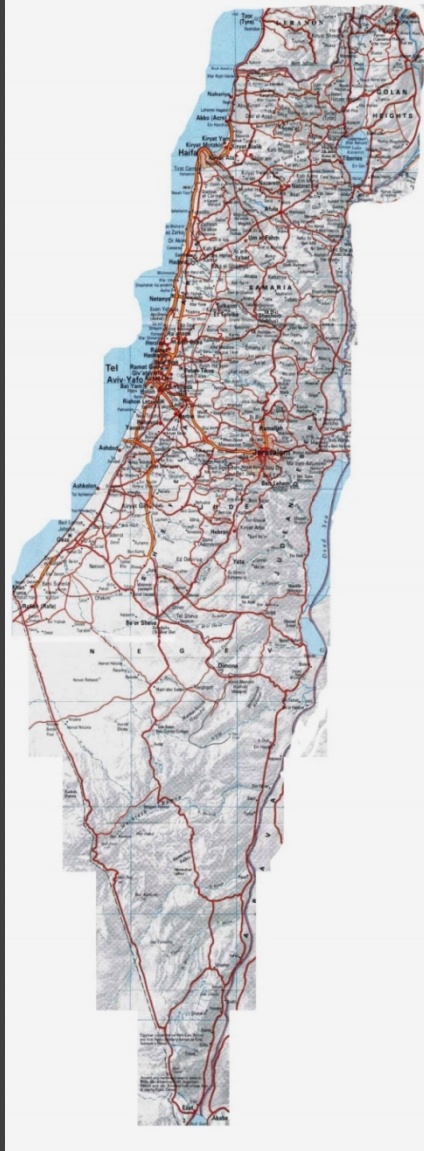
Regionaler Kontext: Israel/Palästina



Regionaler Kontext: Israel/Palästina

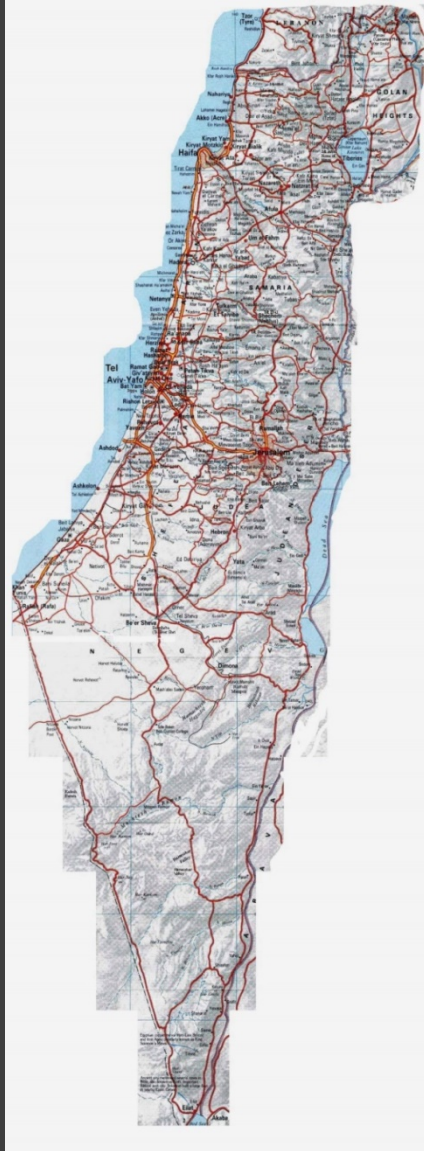


Regionaler Kontext: Israel/Palästina



Survey of Israel (2003)

Regionaler Kontext: Israel/Palästina



Survey of Israel (2003)

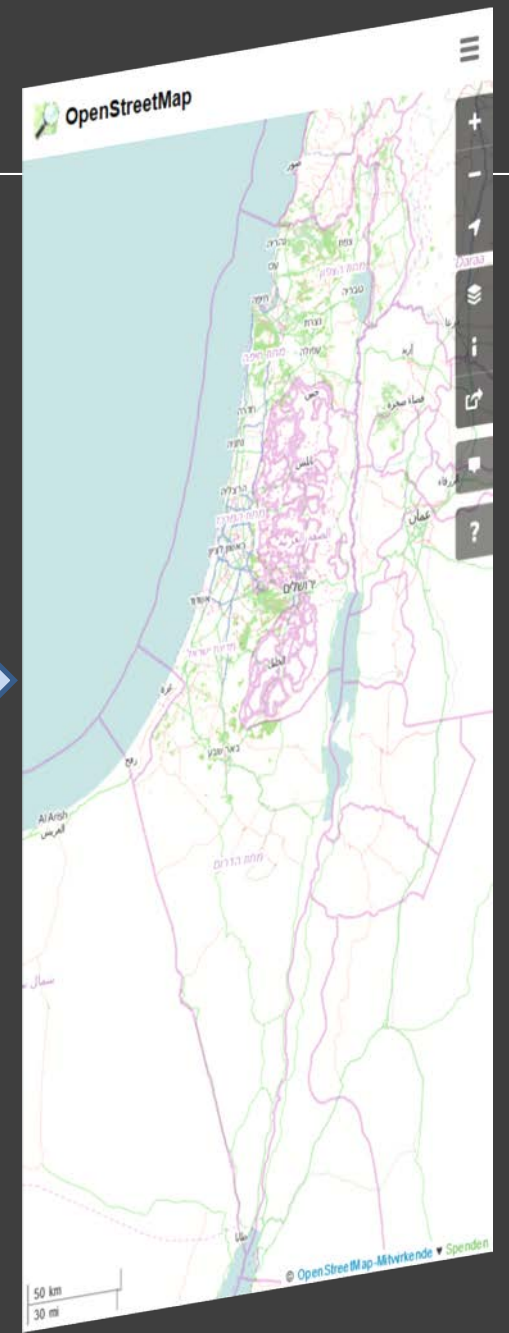
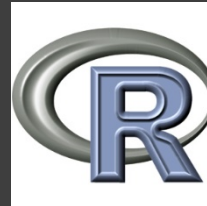
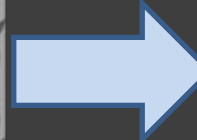
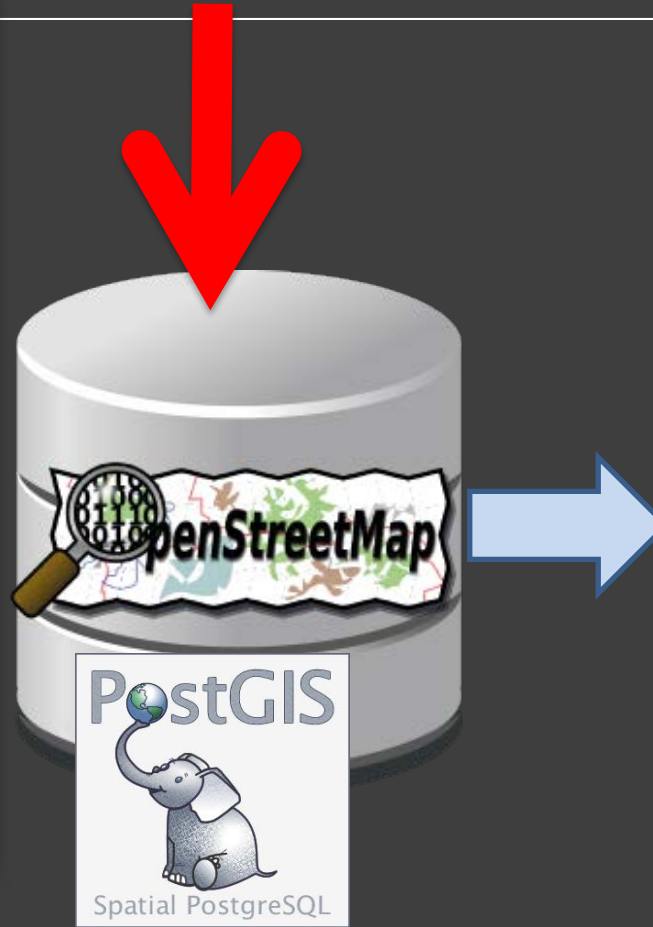
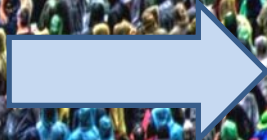


Palestinian Central Bureau of Statistics, (2009)

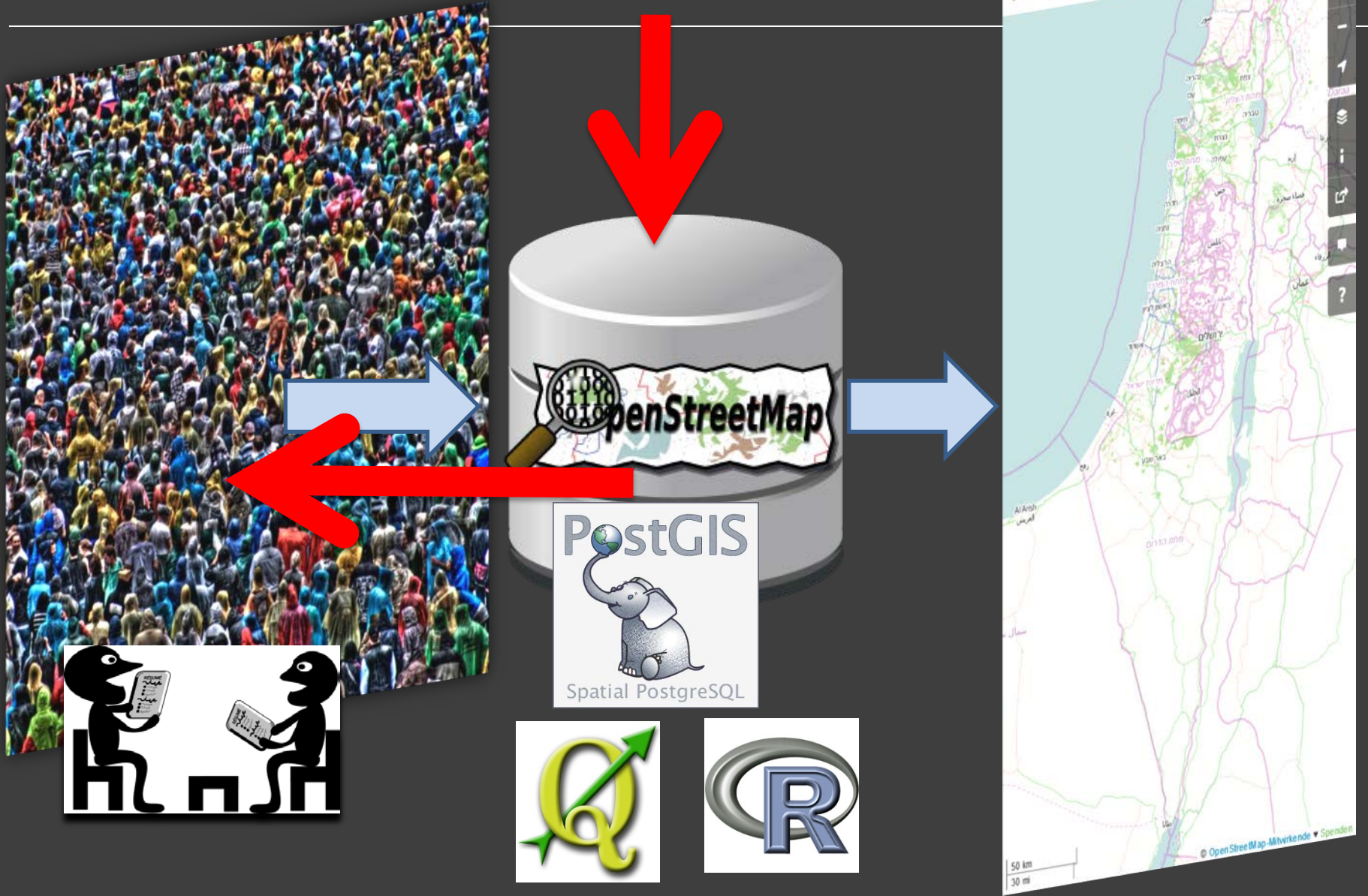
Methodik



Methodik



Methodik

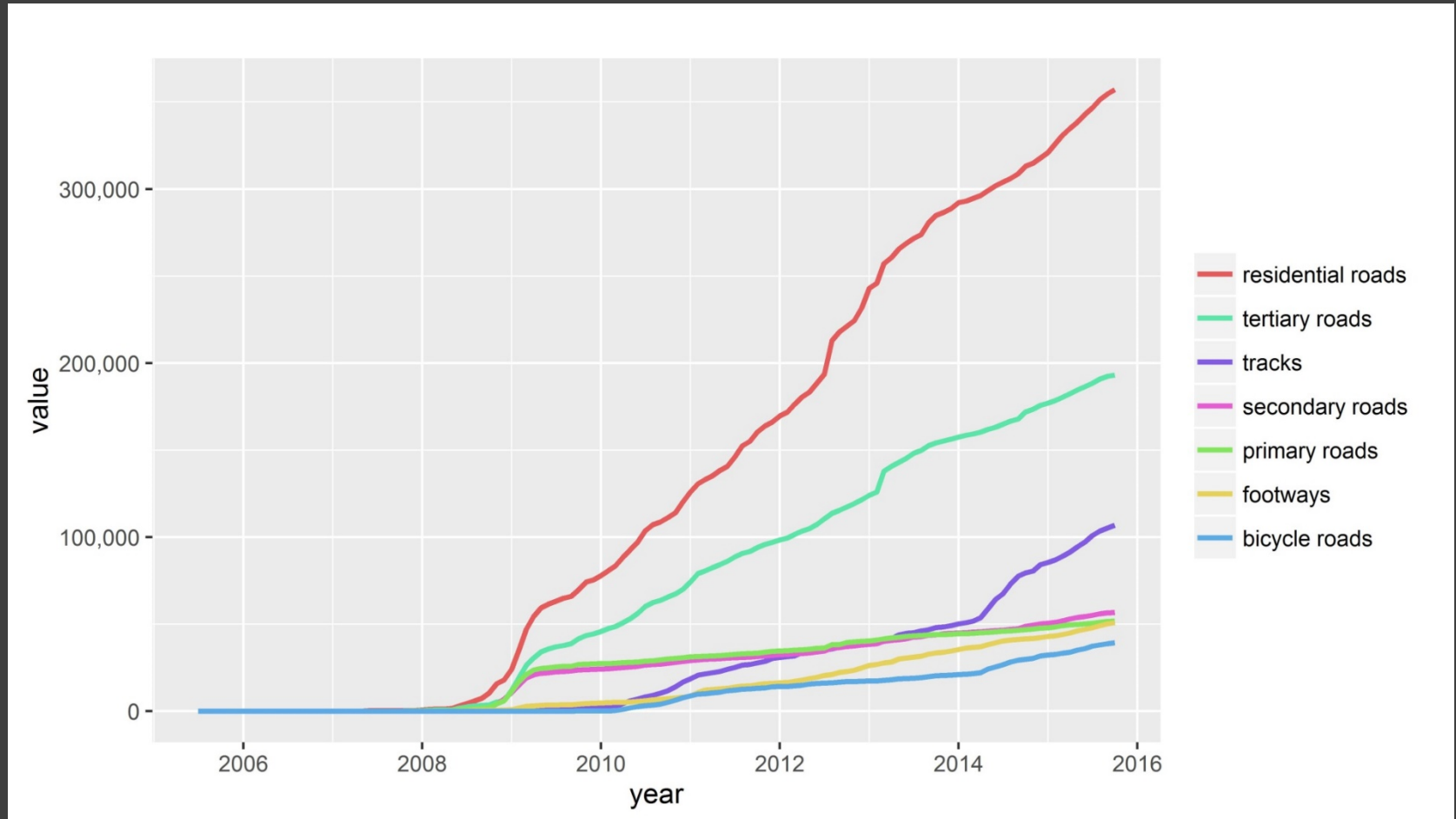


OpenStreetMap in Israel und Palästina

**Zwei ungleiche
Geschichten**

OpenStreetmap in Israel

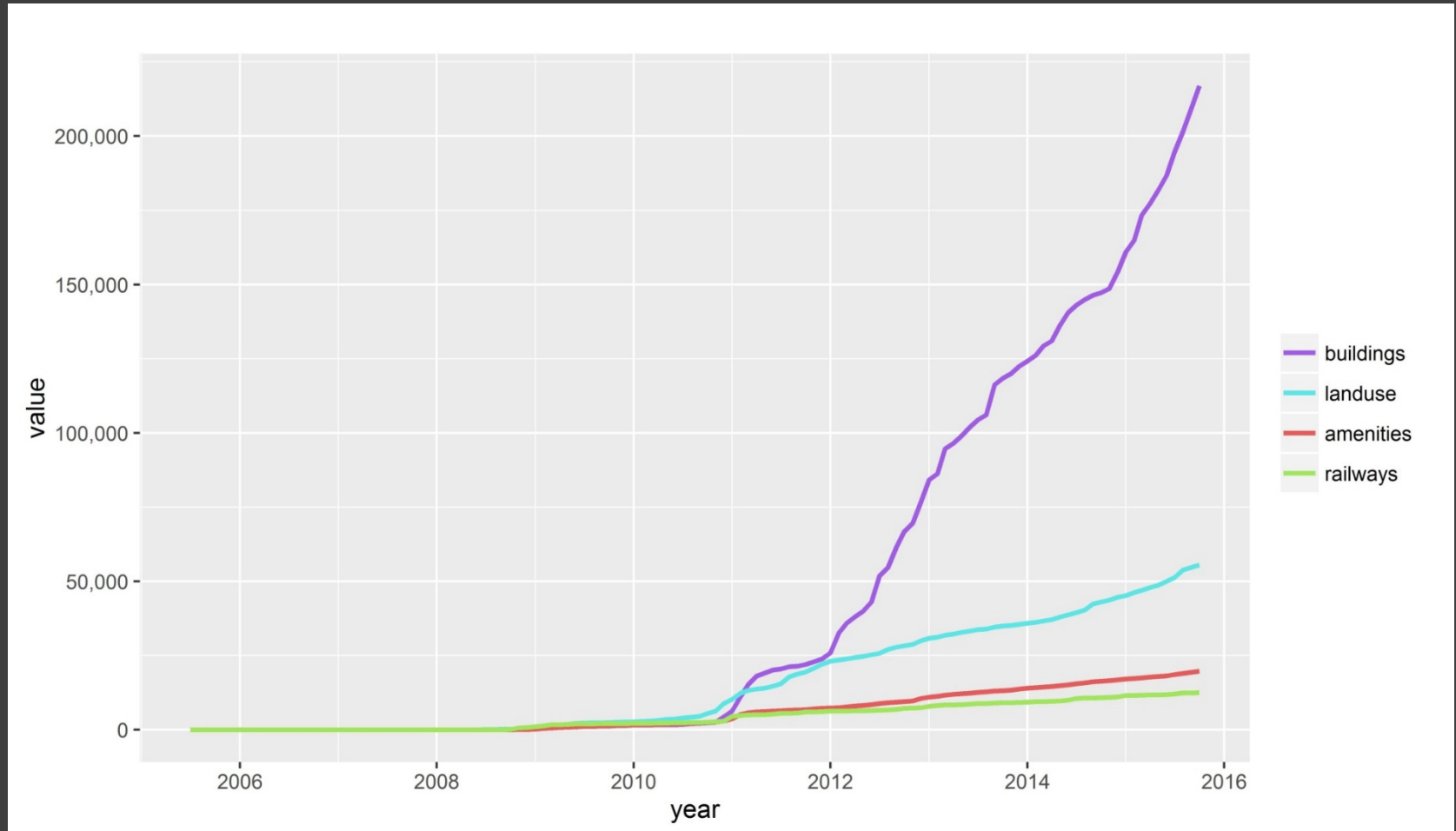
Summenkurven von Editierungen in Israel im zeitlichen Verlauf



Bittner 2017: 89

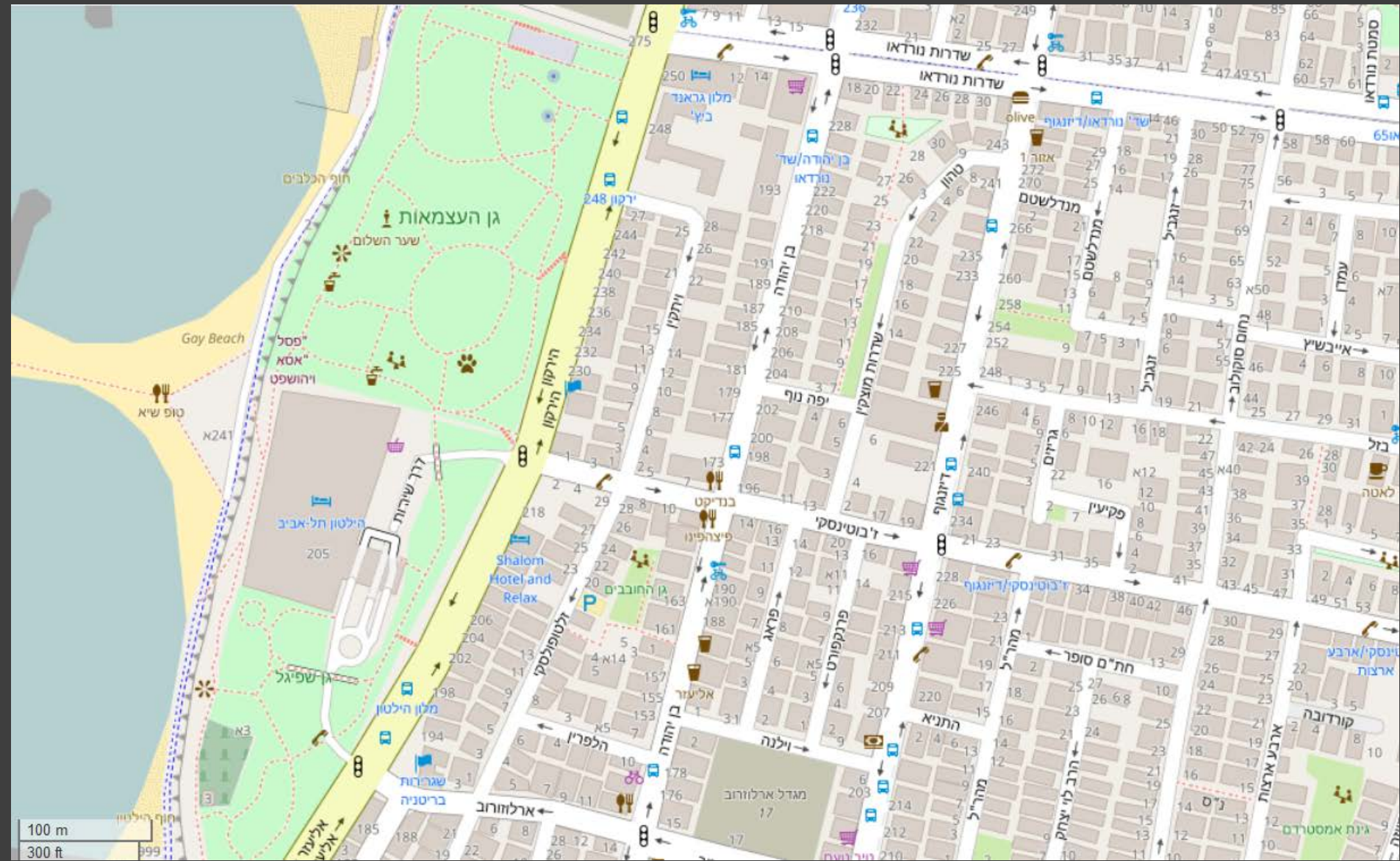
OpenStreetmap in Israel

Summenkurven von Editierungen in Israel im zeitlichen Verlauf



Bittner 2017: 90

OpenStreetmap in Israel



OpenStreetmap in Palästina

OSM in Palästina

OpenStreetmap in Palästina

OSM in Palästina

- Keine lokale community

OpenStreetmap in Palästina

OSM in Palästina

- Keine lokale community
- Drei Ereignisse

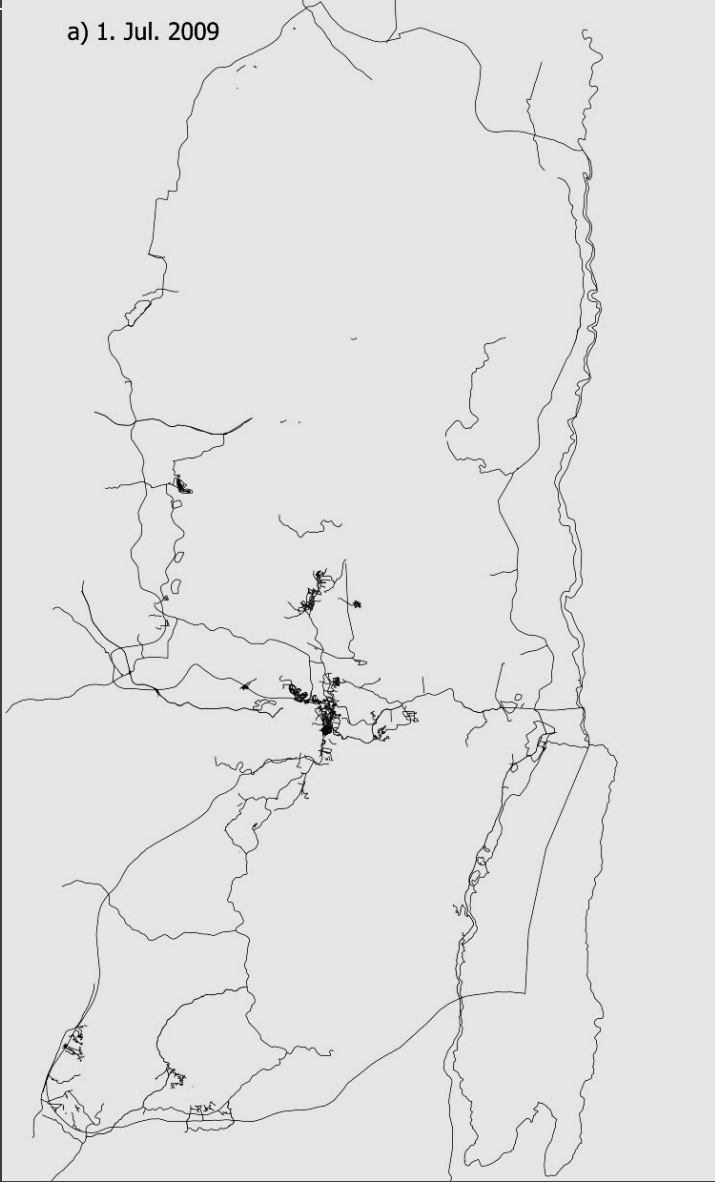
OpenStreetmap in Palästina

OSM in Palästina

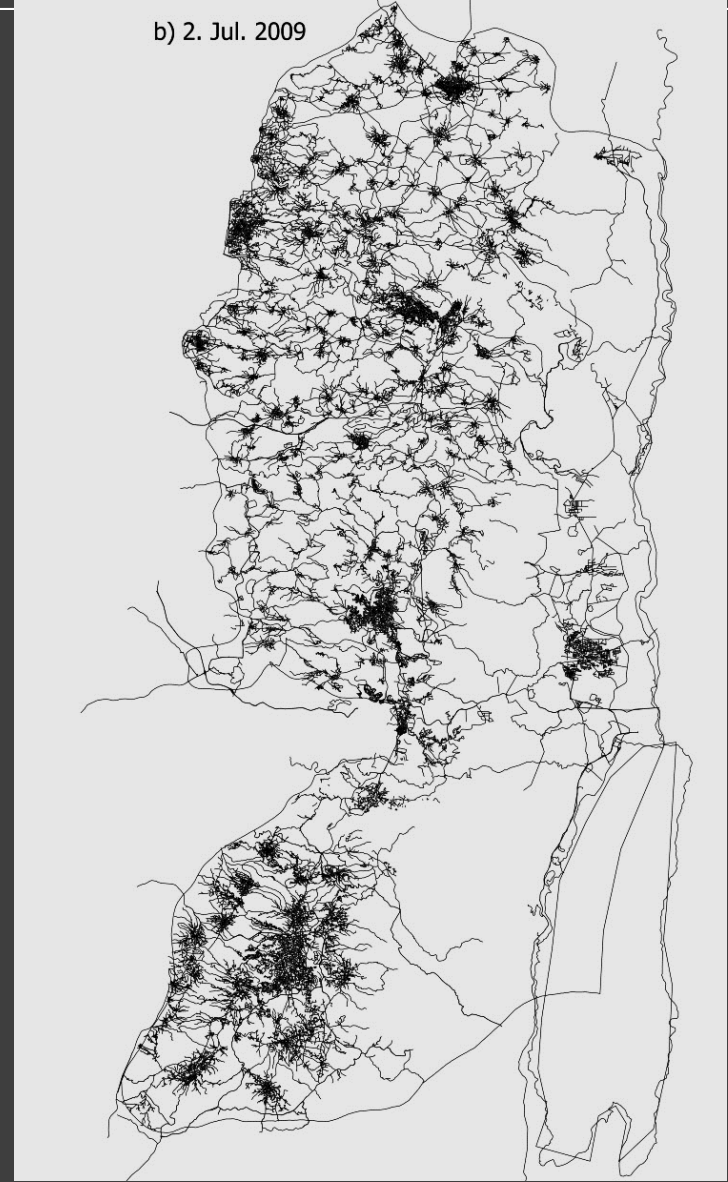
- Keine lokale community
- Drei Ereignisse
 1. Jumpstart International (2009)

OpenStreetmap in Palästina

a) 1. Jul. 2009

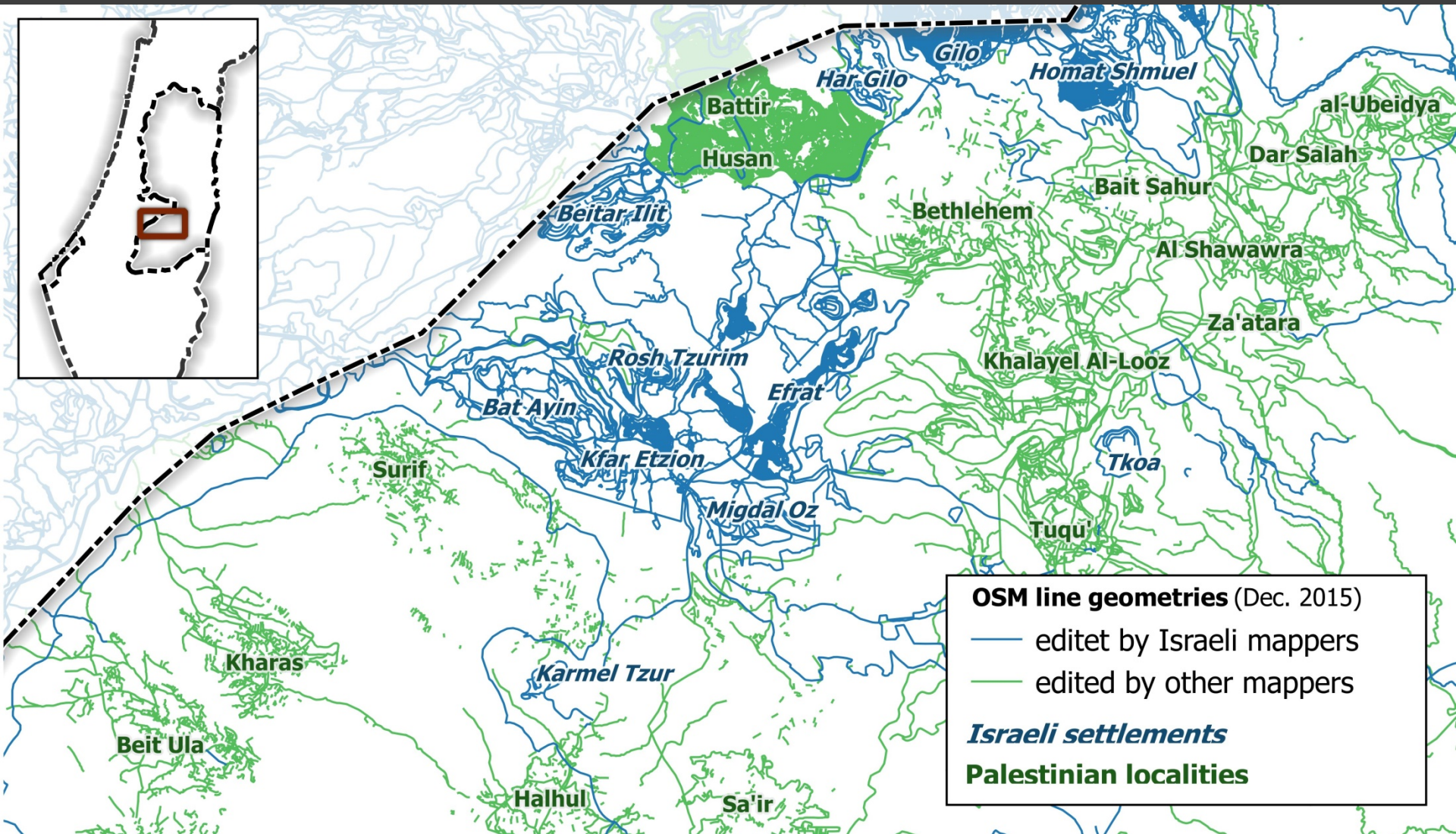


b) 2. Jul. 2009



Bittner 2017: 44

OpenStreetmap in Palästina



OpenStreetmap in Palästina

OSM in Palästina

- Keine lokale community
- Drei Ereignisse
 - 2009: Jumpstart International
 - 2008/2009 erster Gaza–Krieg

OpenStreetmap in Palästina

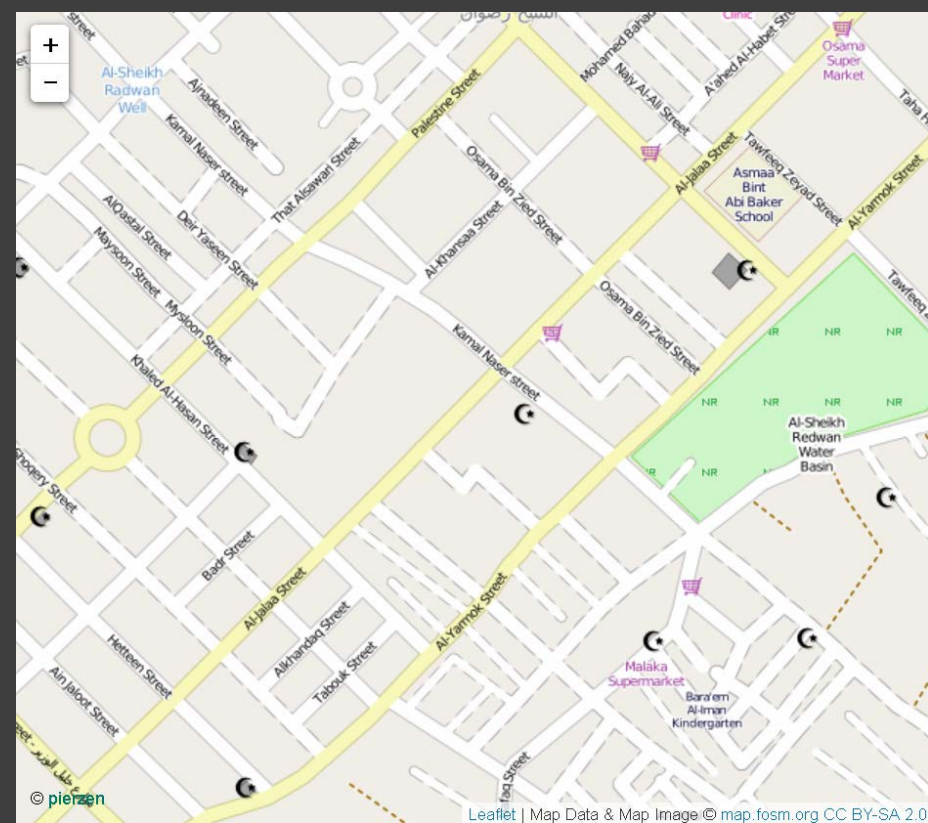


OpenStreetmap in Palästina

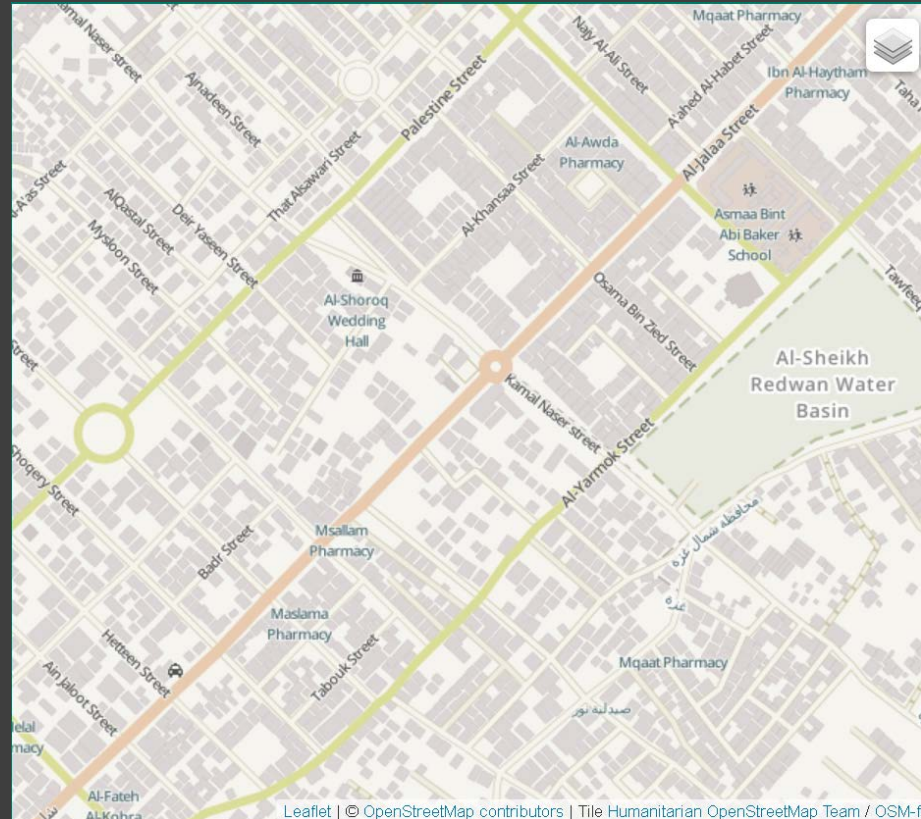
OSM in Palästina

- Keine lokale community
- Drei Ereignisse
 - 2009: Jumpstart International
 - 2008/2009 erster Gaza–Krieg
 - 2014 zweiter Gaza–Krieg

OpenStreetMap in Palestine



Leaflet | Map Data & Map Image © map.fosm.org CC BY-SA 2.0

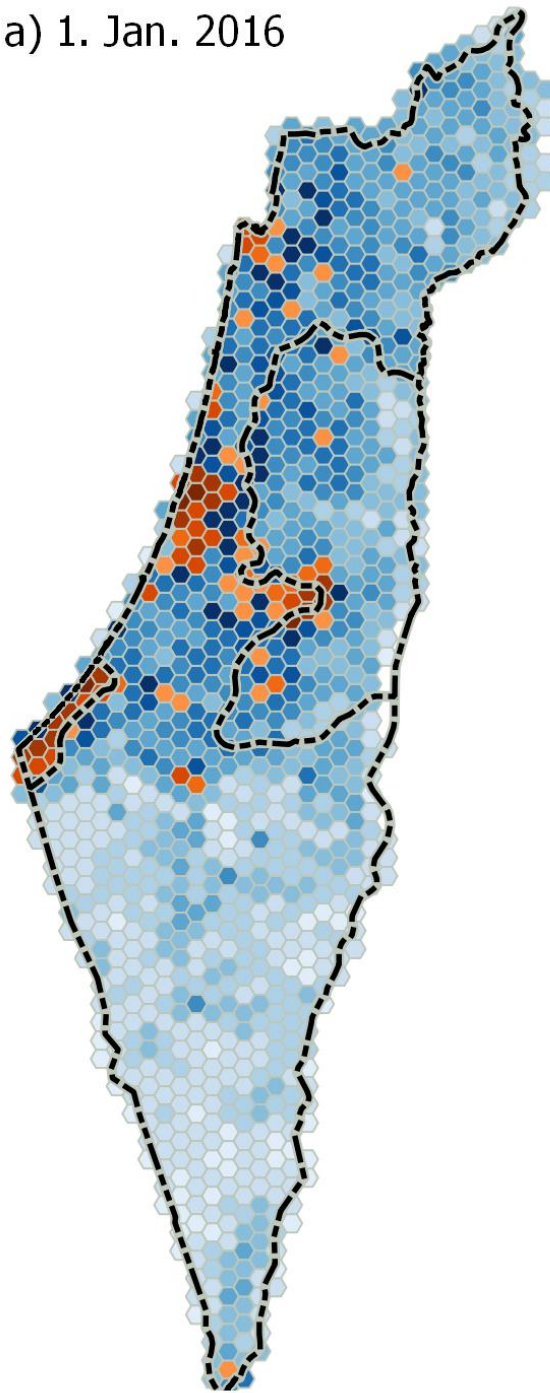
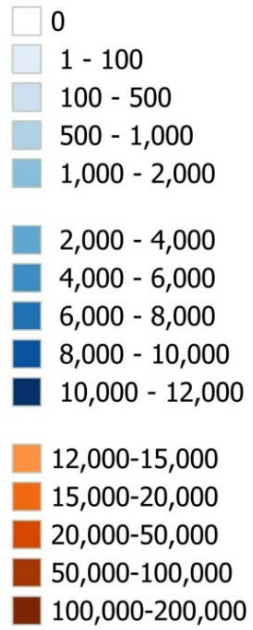


Leaflet | © OpenStreetMap contributors | Tile Humanitarian OpenStreetMap Team / OSM-f

<https://tinyurl.com/y9w6pt11>

a) 1. Jan. 2016

OSM nodes per cell



eigene Darstellung

OSM in Israel/Palästina

- Israel: aktive lokale community
- Palästina, keine community, sondern externe Entwicklungs- und Katastrophenhilfe

OSM in Israel/Palästina

- Israel: aktive lokale community
- Palästina, keine community, sondern externe Entwicklungs- und Katastrophenhilfe

→ Digital Divide?

Vergleich: Wikimapia



Vergleich: Wikimapia



wikimapia
Мікішапія

Карта Викимэпии

- 2006 in Moskau gegründet
- Ziel: Die Welt beschreiben
- Wichtigster Objekttyp: place
- > 2.5 Mio. Nutzerkonten
- > 25 Mio. places
- qualitativ – beschreibend

55°43'08"N 37°37'44"E

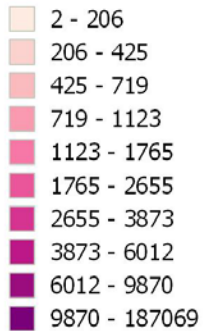
27283954 Objekte

<http://wikimapia.org/#lang=ru&lat=55.749338&lon=37.614698&z=15> (04/2017)

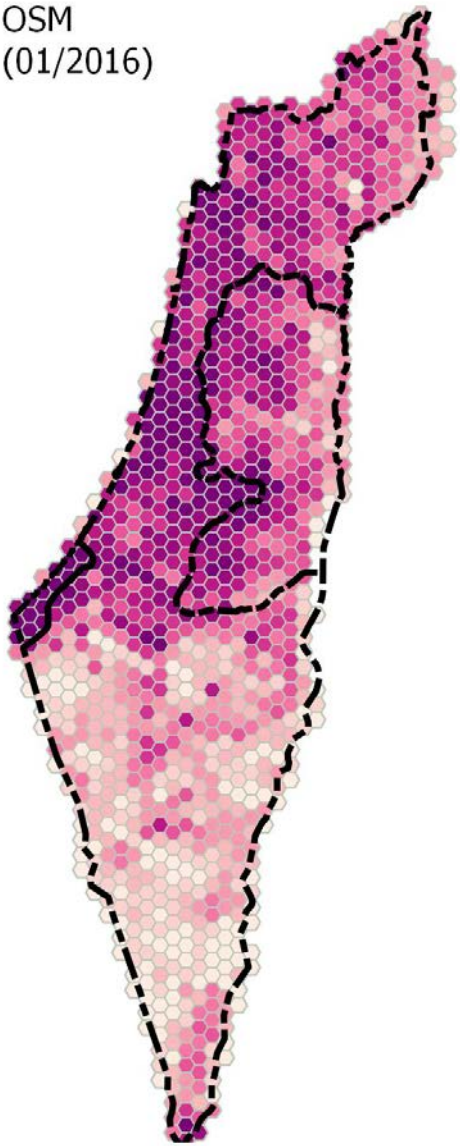


10-quantiles

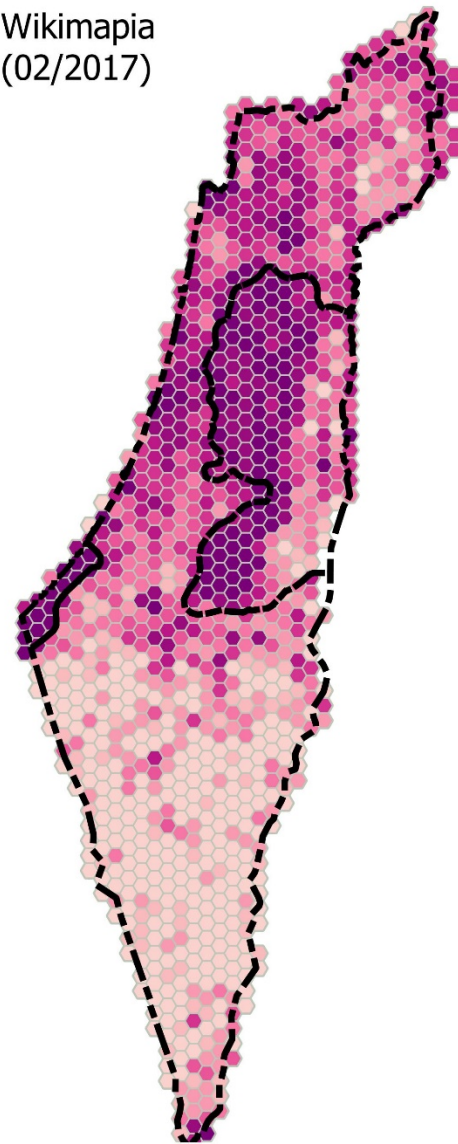
nodes per cell



OSM
(01/2016)

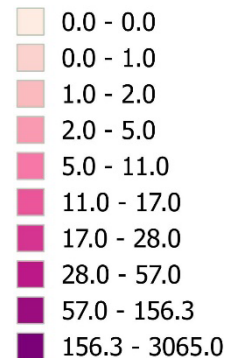


Wikimapia
(02/2017)

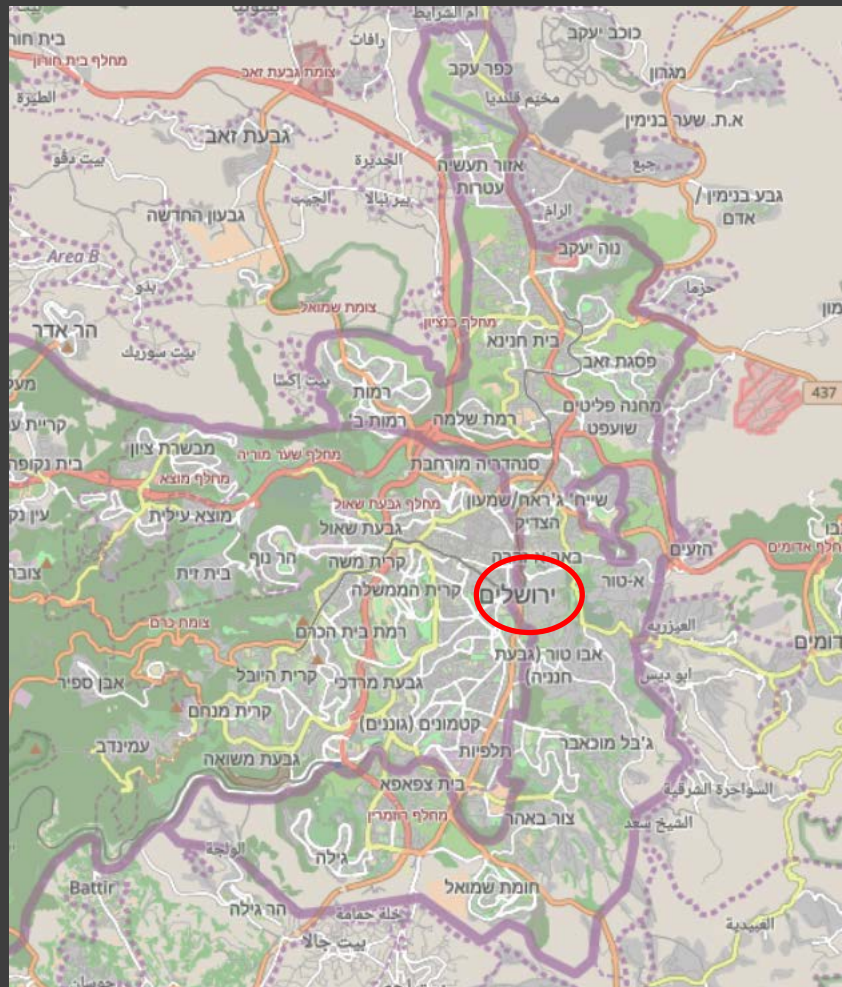


10-quantiles

objects per cell



OSM in Israel/Palästina



<http://www.openstreetmap.org/map=12/31.7924/35.2332> (04/2017)

OSM in Israel/Palästina

“As much as we may strive to keep politics out of what we are trying to accomplish here, it’s not an easy task. [...] But we shouldn’t deal with issues such as these, rather we should aim to have the OSM data reflect the reality “on the ground” as it is today”

(OpenStreetMap Forum, 2012).

Vielen Dank!

Dr. Christian Bittner
christian.bittner@fau.de

www.amapisamapisamap.wordpress.com
www.geoweb-studien.org

Literatur

- Bittner, Christian; Glasze, Georg; Turk, Cate (2013): **Tracing contingencies: analyzing the political in assemblages of web 2.0 cartographies.** In *GeoJournal* 78 (6), pp. 935–948
- Bittner, Christian; Michel, Boris (2013): **Das Dekonstruieren der web2.0 Karte. Vorschläge zur Analyse dynamischer und interaktiver Karten multipler und diffuser Autorenschaften.** In Inga Gryl, Tobias Nehrdich, Robert Vogler (Eds.): *Geo@web. Medium, Räumlichkeit und geographische Bildung.* Wiesbaden: Springer, pp. 111–126.
- **Bittner, Christian (2014): Reproduktion sozialräumlicher Differenzierungen in OpenStreetMap: das Beispiel Jerusalems.** In *Kartographische Nachrichten* 64 (3), pp. 136–144.
- Bittner, Christian; Michel, Boris; Turk, Cate (2016): **Turning the spotlight on the crowd: examining the participatory ethics and practices of crisis mapping.** In *ACME: An International E-Journal for Critical Geographies* 15 (1), pp. 207–229
- **Bittner, Christian (2017): Diversity in volunteered geographic information. Comparing OpenStreetMap and Wikimapia in Jerusalem.** In *GeoJournal* 82 (5), pp. 887–906
- **Bittner, Christian (2017): OpenStreetMap in Israel and Palestine. 'Game changer' or reproducer of contested cartographies?** In *Political Geography* 57, pp. 34–48.