

Green City Hackathon

Team 3

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Georg-Christoph Haas

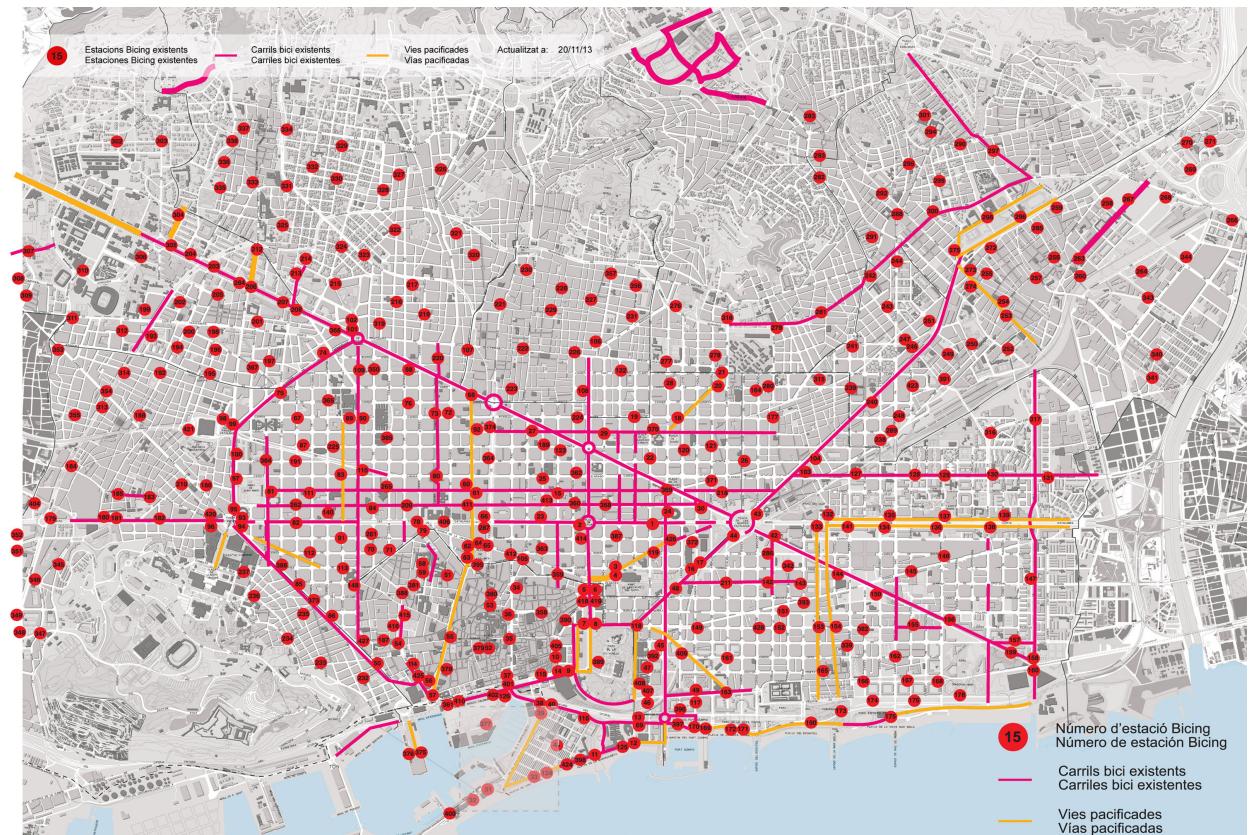
Jan-Philipp Kolb

Maarten Vanhoof

Improving the bike system in Barcelona

Short term (experiments with data).

Long term (vision).



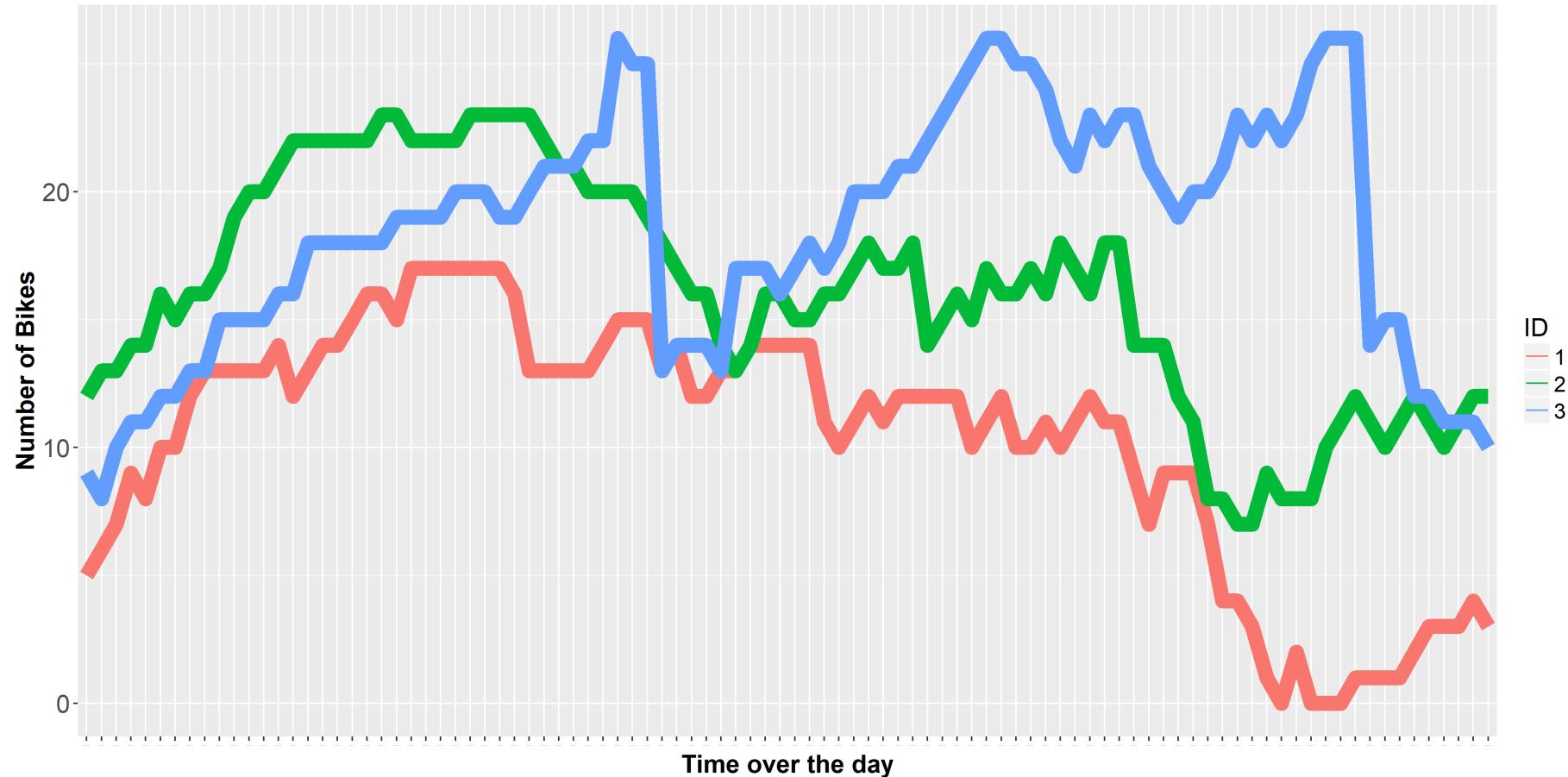
Source: <https://barcelonamap360.com/barcelona-bike-map>

Short term

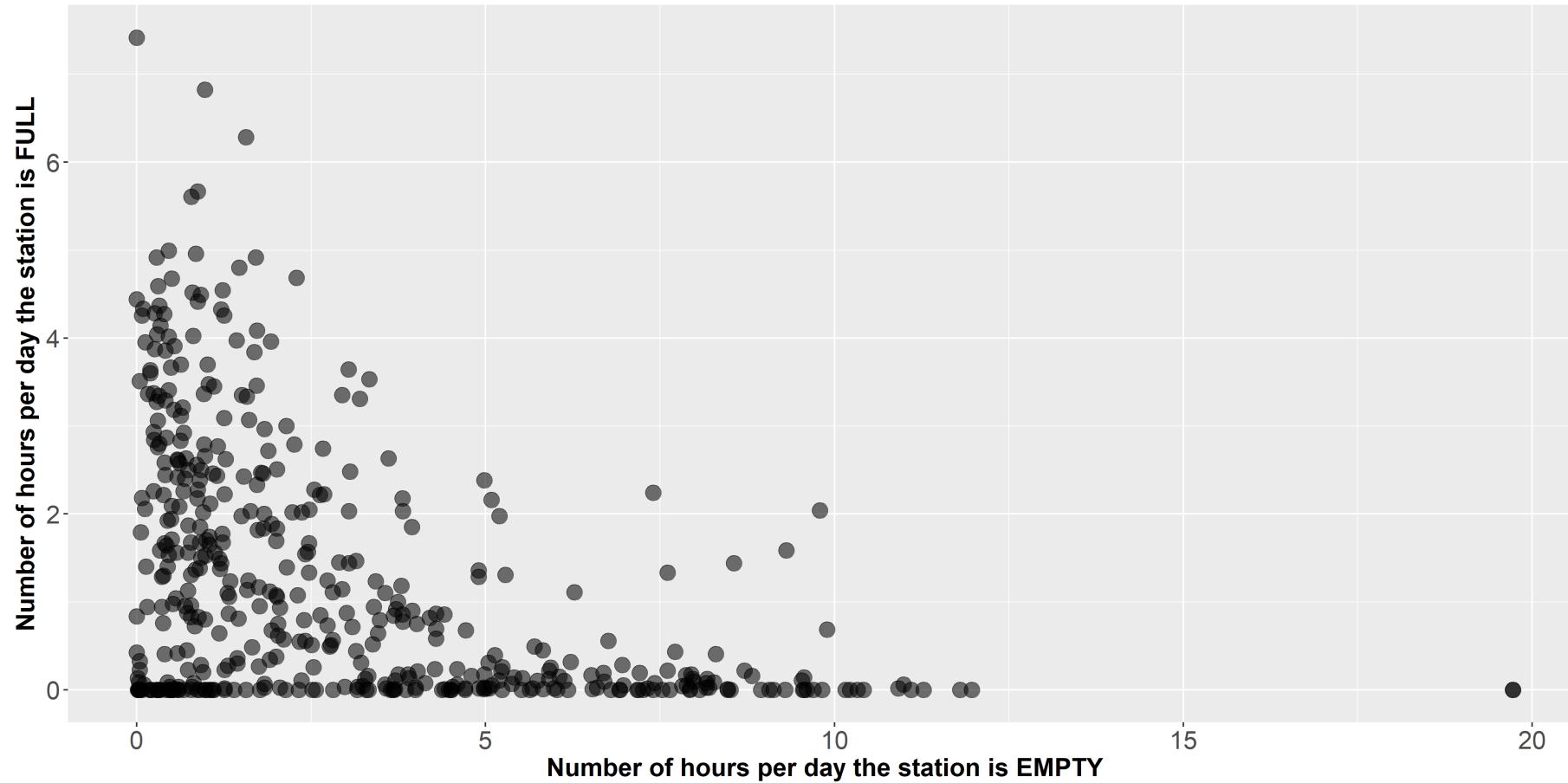
Can we study where, when, why bike stations are full/empty?



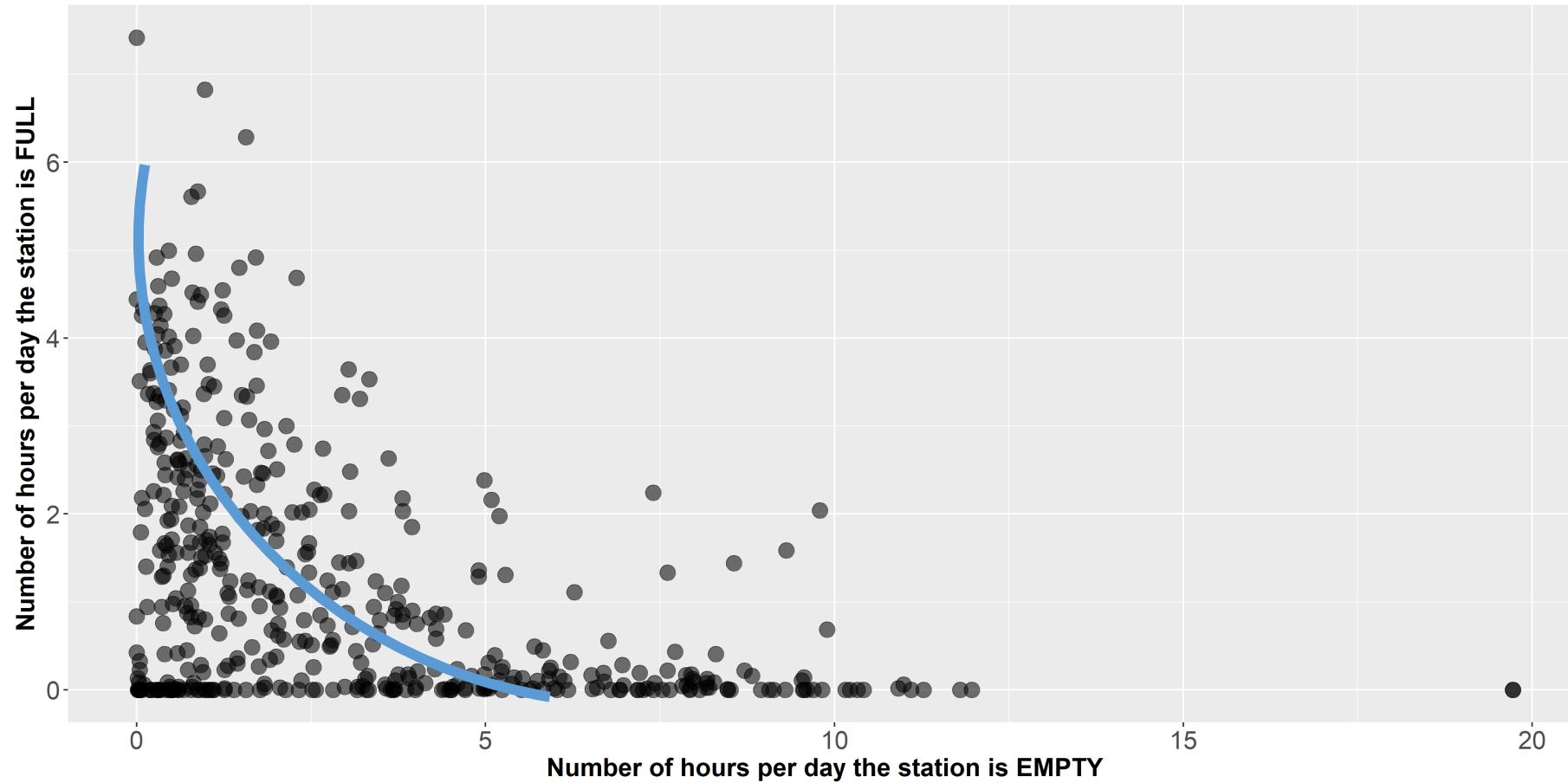
Short term



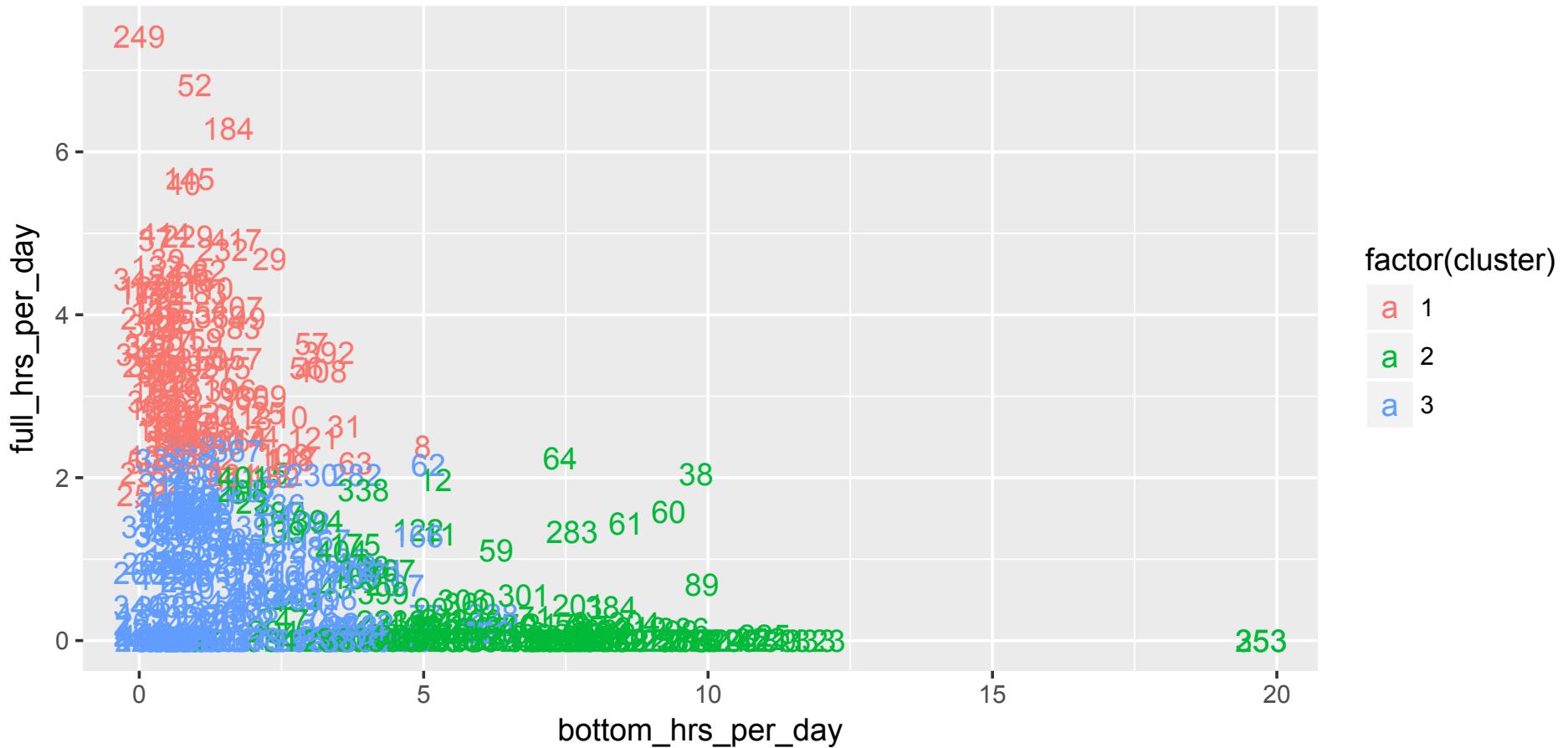
Short term



Short term

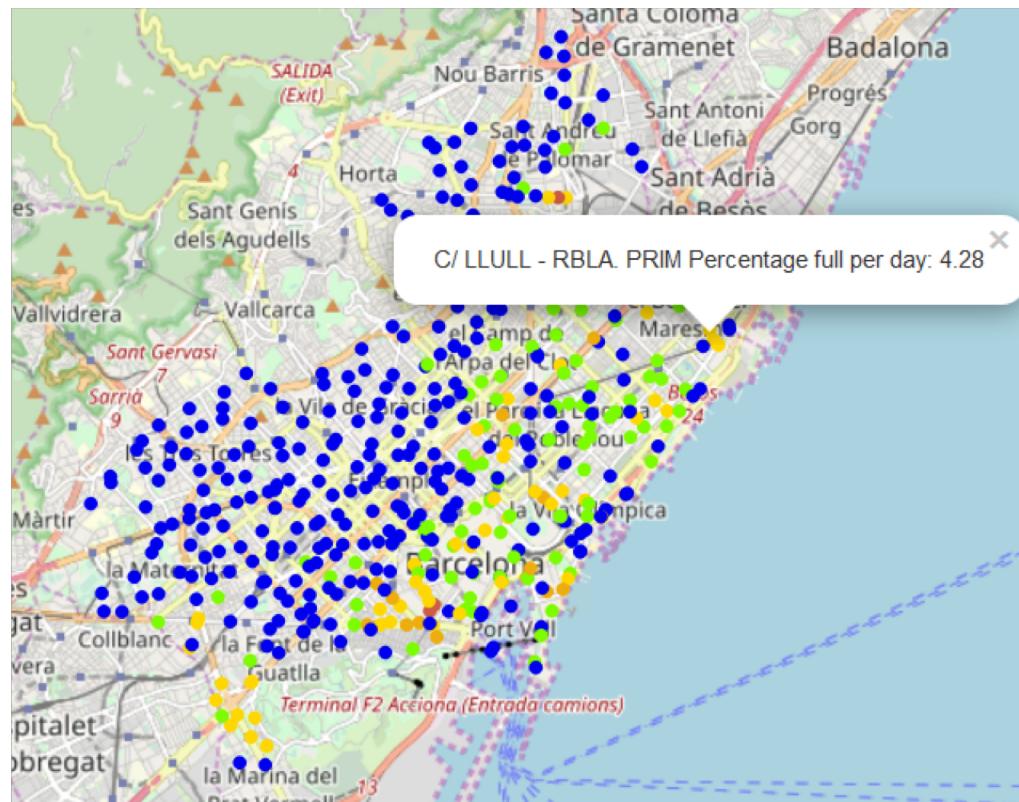


Short term



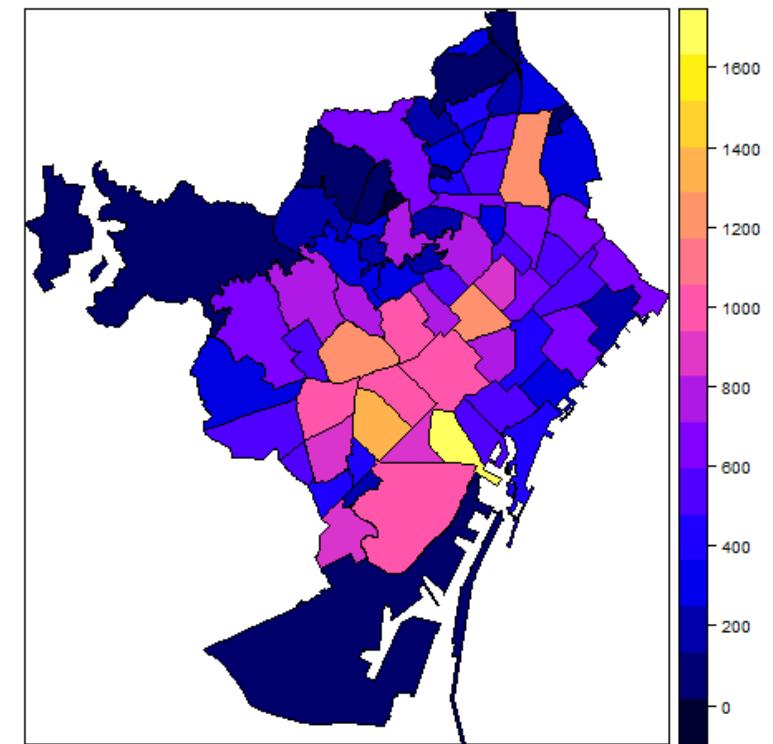
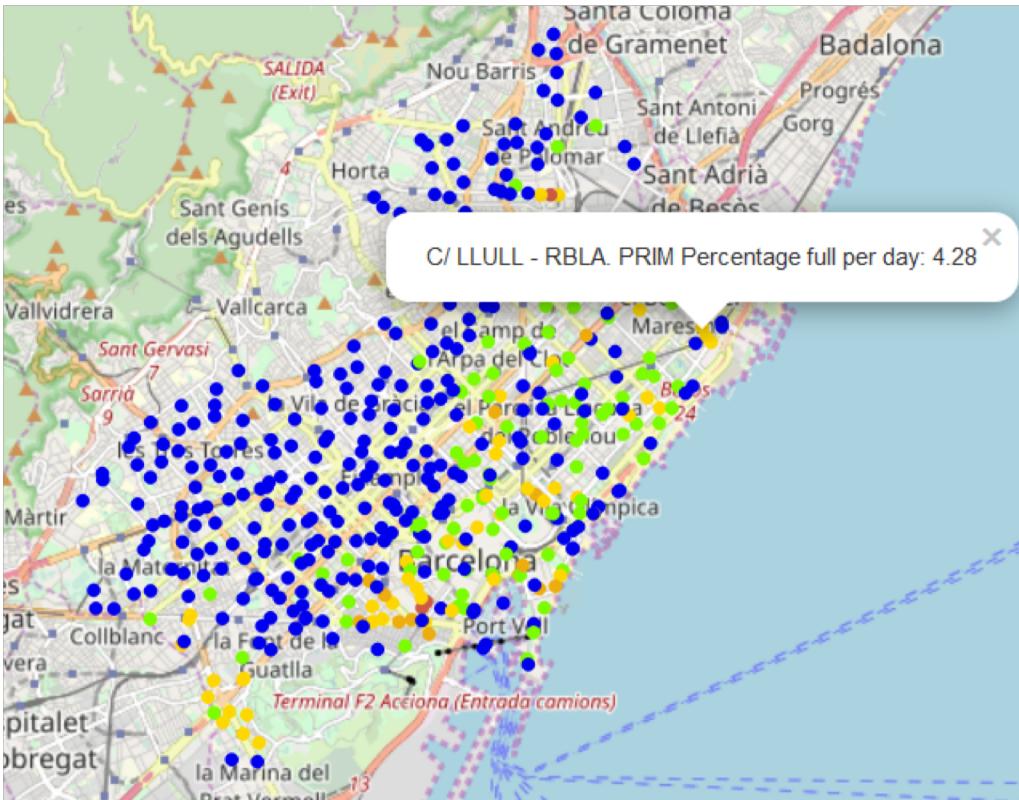
Short term

http://rpubs.com/Japhilko82/bikemap_barcelona



Long term

Can we link current usage of the bike system with demographic data?



Long term

And if so, can we develop scenarios to think about future usage?

E.g. if we motivate more elderly people to bike, then where and how will the bike system be affected?

