

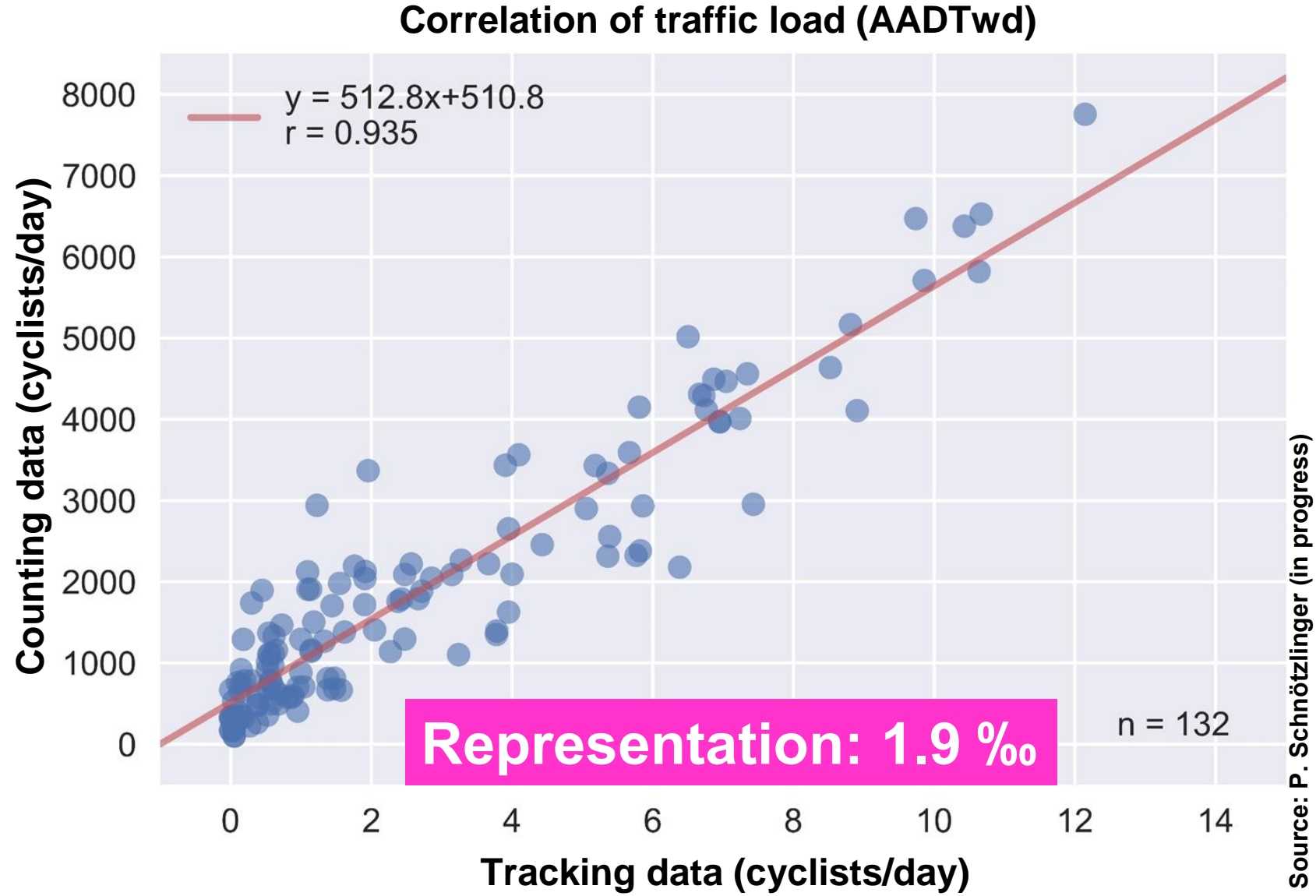
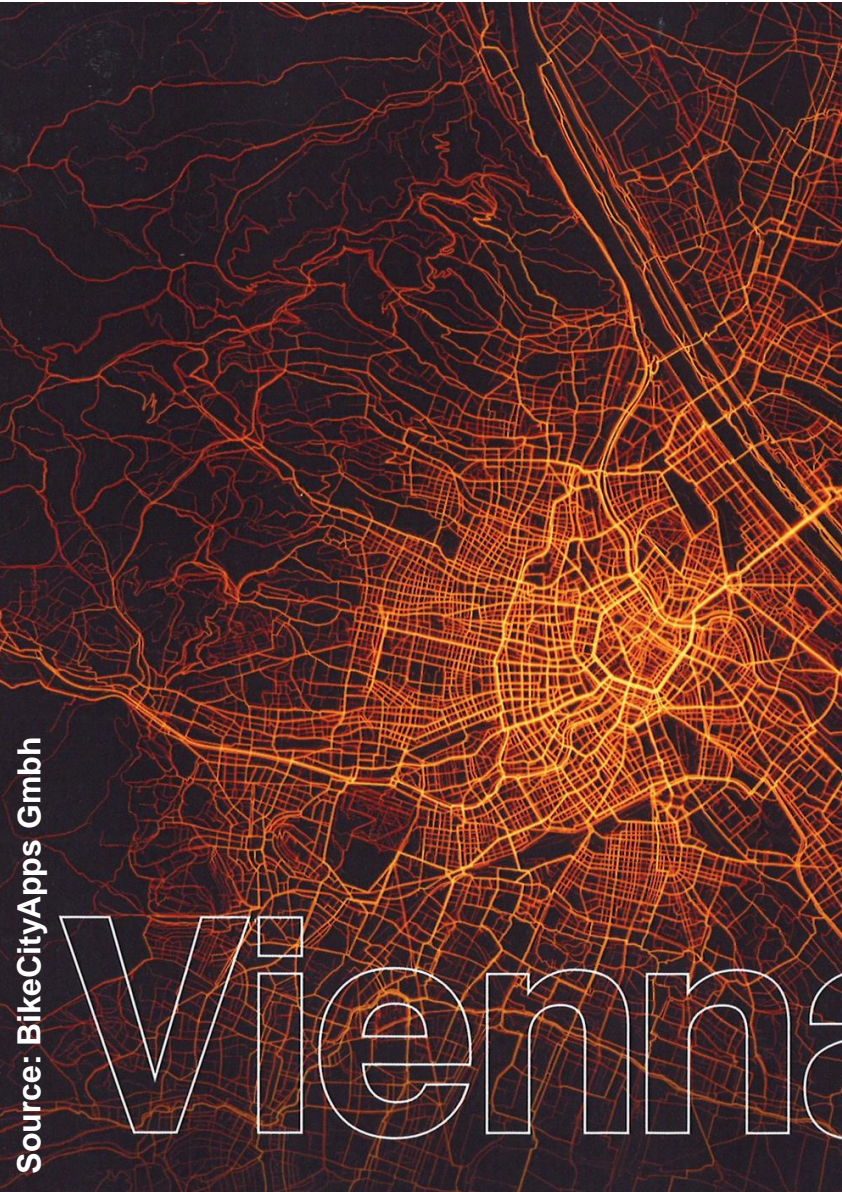
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# Mobility data: A balancing act of representation

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- Very diverse data landscape
- “Everybody is an expert“
- Trend: centralized data collection  
→ (passive) citizen science
- Trend: cross section counts  
→ household surveys → self tracking
- Trend: high repres. of small area  
→ low repres. in large area
- OA/OG data:
  - Geometry, physical world (infrastr.)
  - Social flows on infrastructure

- ~ 1/3 contract research (municipal & regional govt., agencies, operators):
  - Extra effort to publish results
  - Double extra effort for data preservation
- Contractors: data preservation and OA are **no** priority (sometimes: unwished)
- Data preservation not yet issue with
  - Research grants
  - Thesis research

# Mobility data: Needs, challenges ... reservations?

- “Freedom of information“ notion vs. data privacy (“Amtsgeheimnis“)
- Contract research:
  - Data often considered as proprietary (who paid for collection, on whose premises did it happen)
  - Even though  $\leq 100\%$  takes place on publicly (co-)financed infrastructure
- Data management plans → big shrugs
- Traffic counts of today = forecasting base of tomorrow
- Long-time accessible historic data highly valuable
- Big data ... “data graveyards“ of the future?