

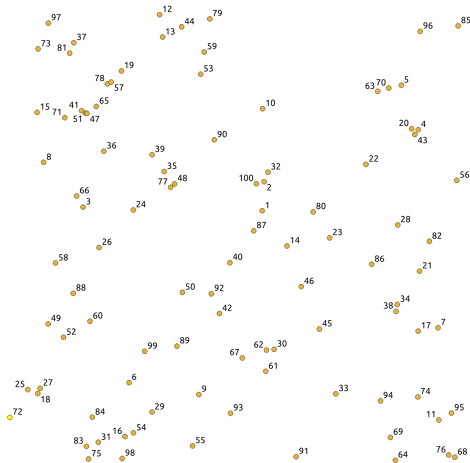
# PFLOCK Report

Andres Calderon

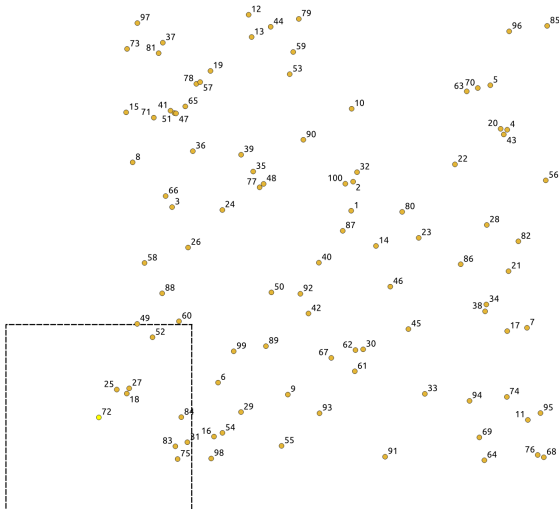
University of California, Riverside

August 28, 2023

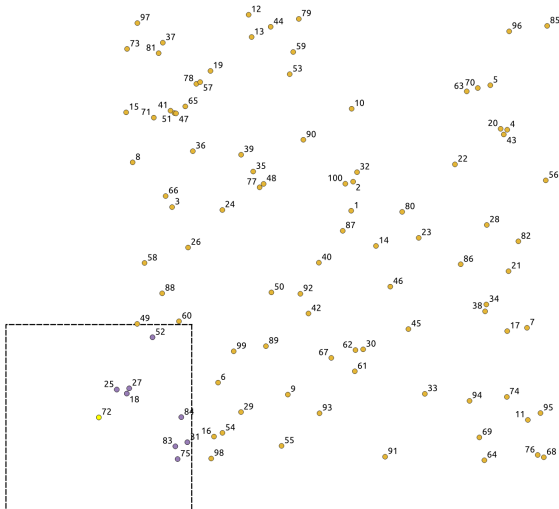
# PSI stages...



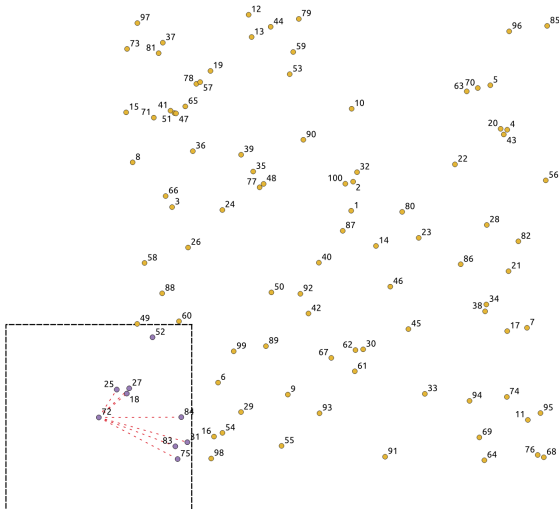
# PSI stages...



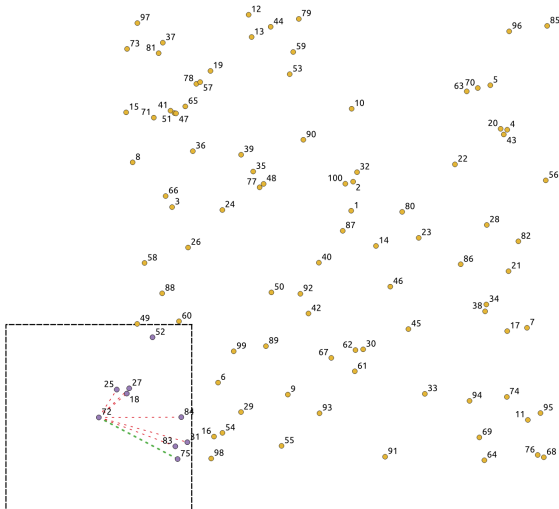
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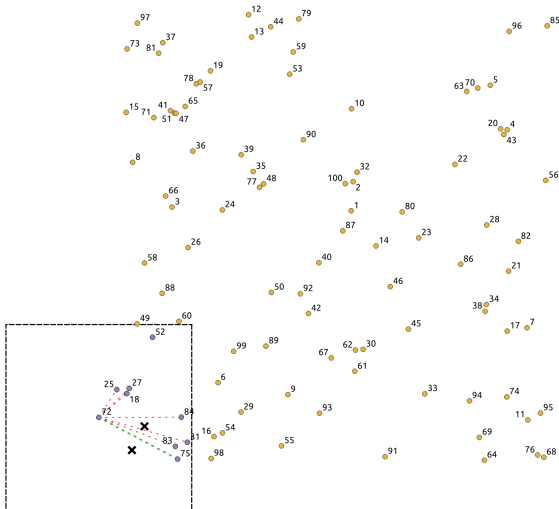
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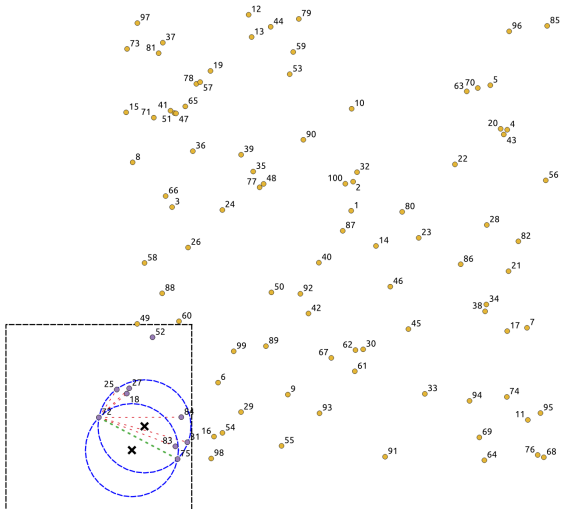
# PSI stages...



# PSI stages...

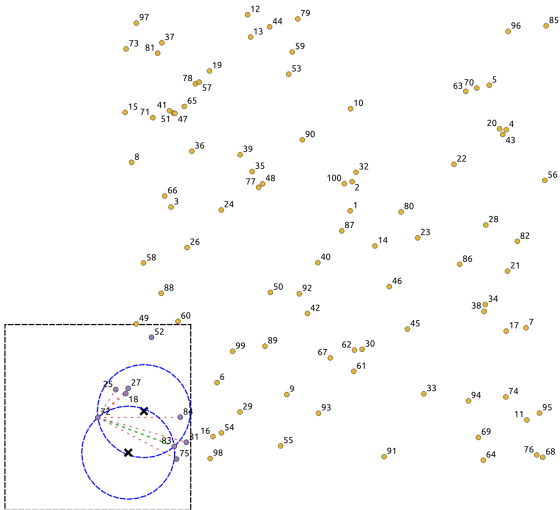


# PSI stages...

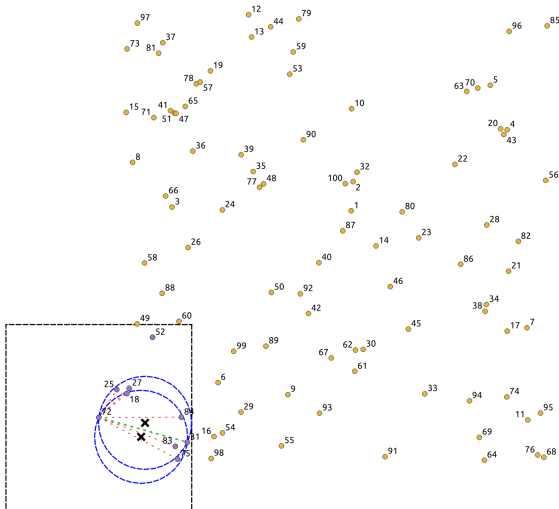




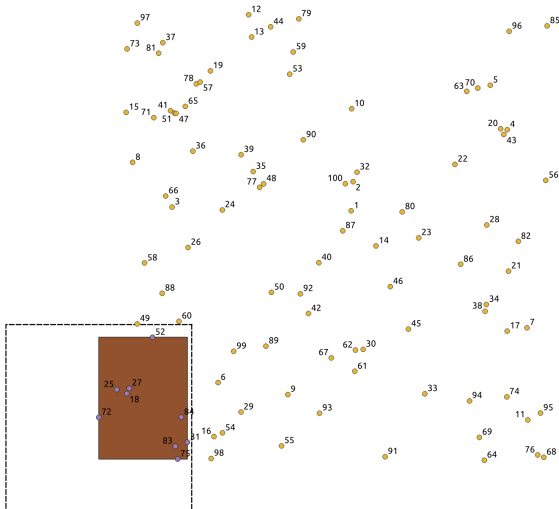
## PSI stages...



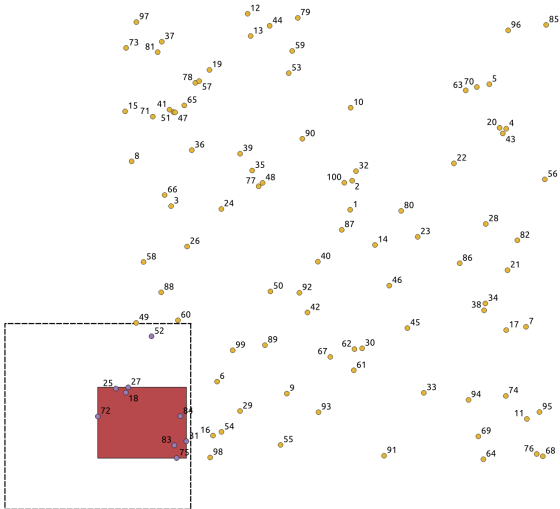
# PSI stages...



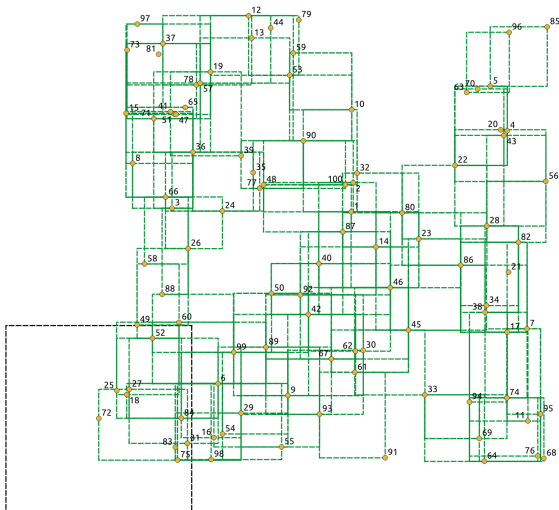
# PSI stages...



## PSI stages...



# PSI stages...



# What's next?

- ▶ Fixing some minor details during testing...
- ▶ Re-run performance experiments using BFE and PSI for dense datasets en parallel...
- ▶ Start working on temporal dimension...
  - ▶ Explore 3D partitioners...