

Week 5

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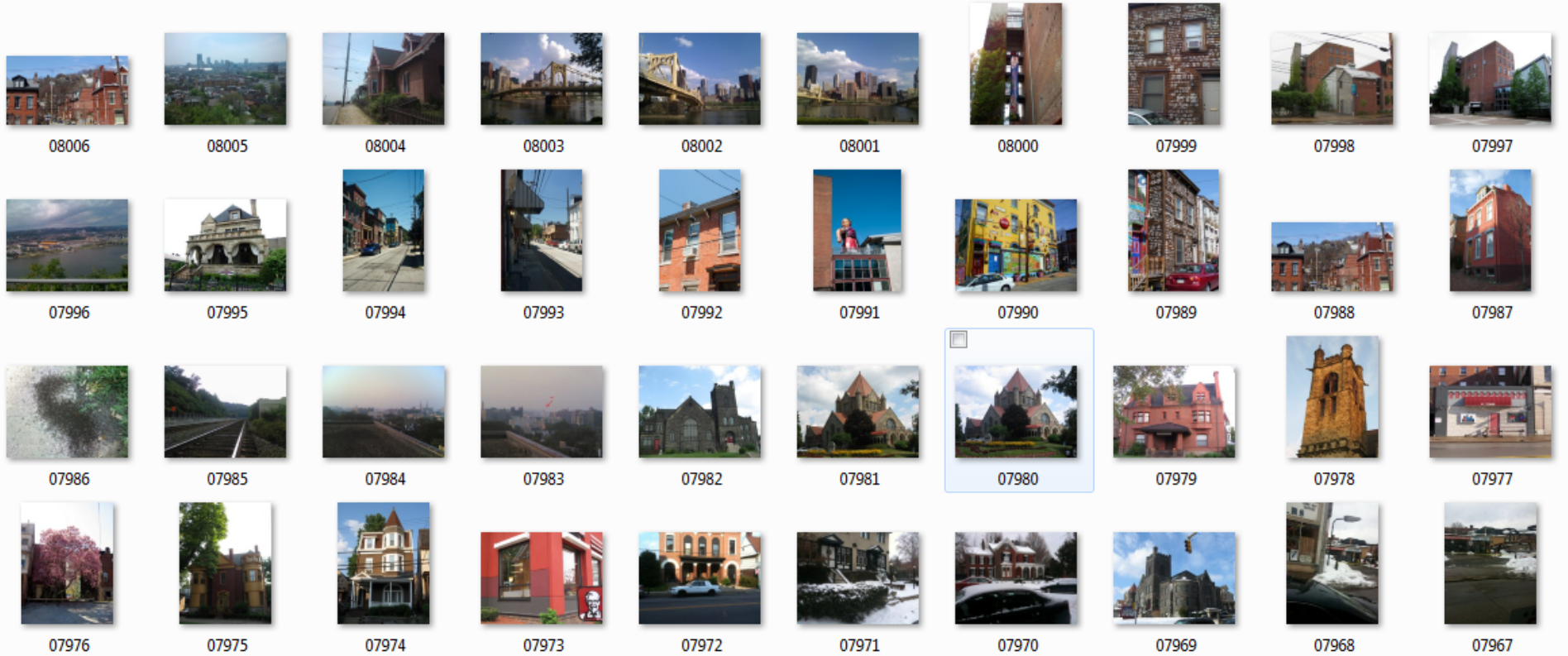
Purpose

- To replace the dataset from "Where am I?" with an unstructured dataset collected from online sources.
- Develop methods of improving these results intuitively.

Comparison of Dataset to Street View



Sample of Dataset



Sample results

Err=367.6m 04010



Err=206.6m 03833



Err=174.3m 00560



Err=308.2m 02689



Query Number=82



Query Number=70



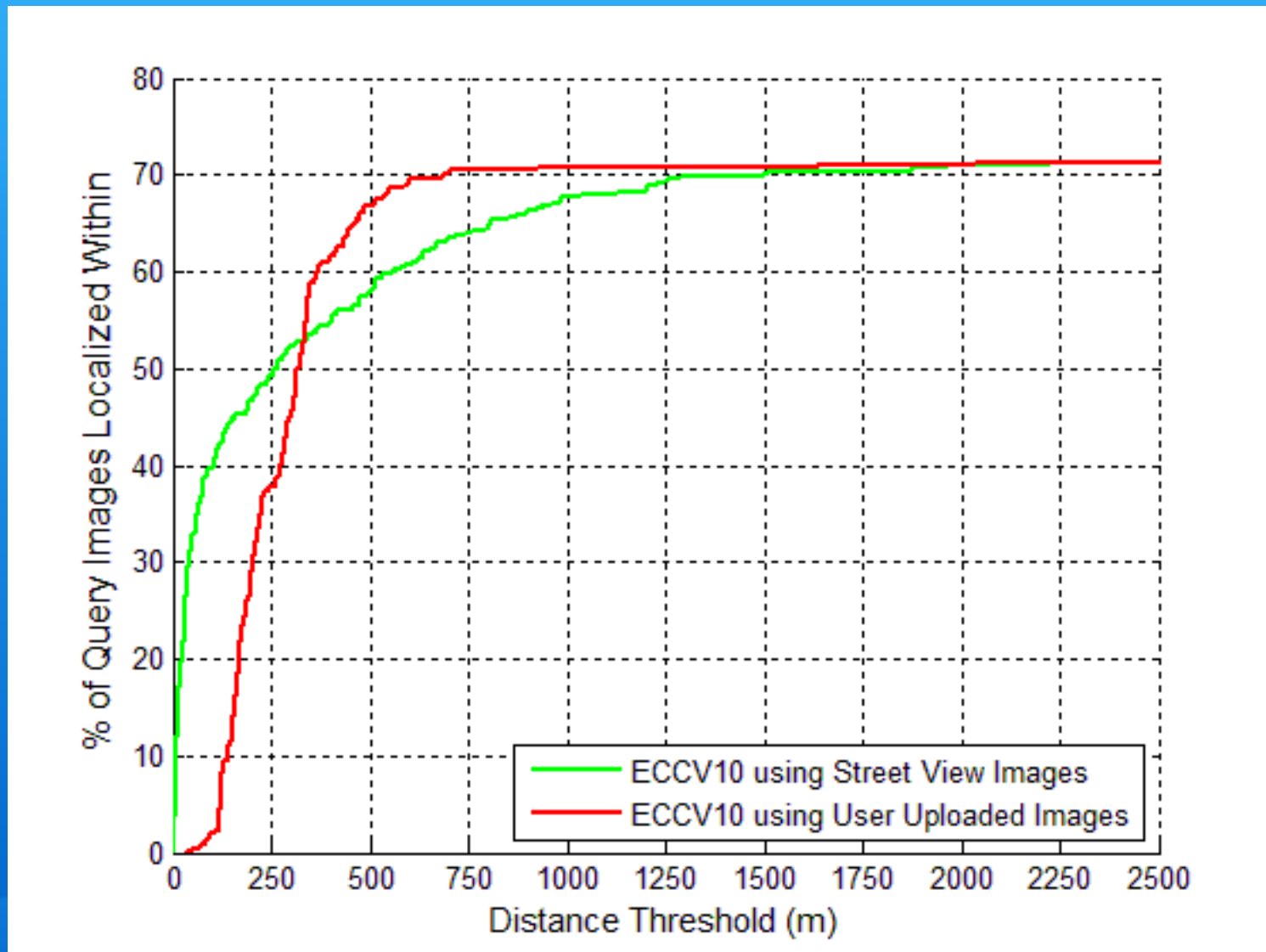
Query Number=103



Query Number=114



Comparison to "Where am I"



"Blacklisting"

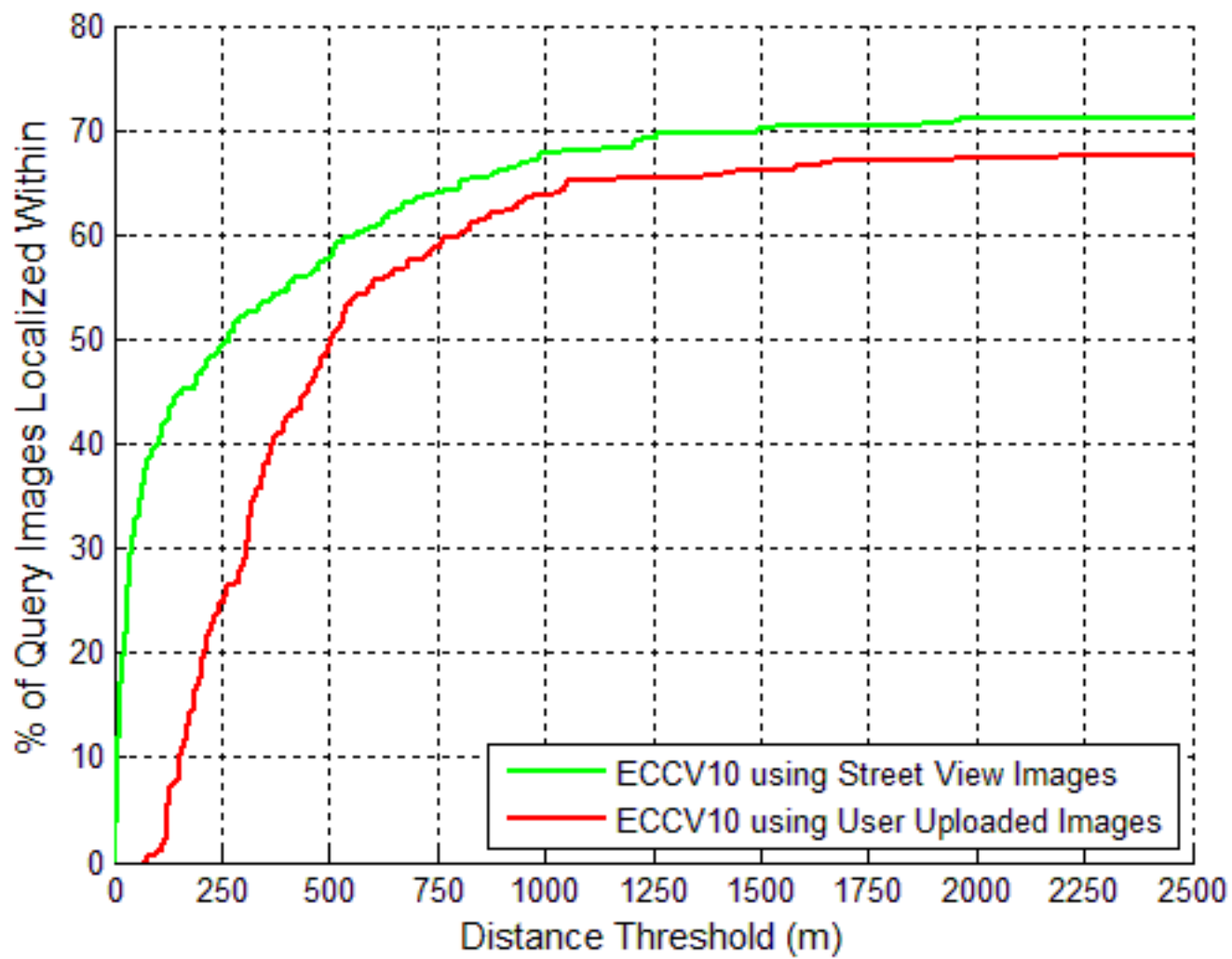
Sometimes, queries are the same as dataset images. We excluded the identical images from dataset to actually localize, instead of match similar images.

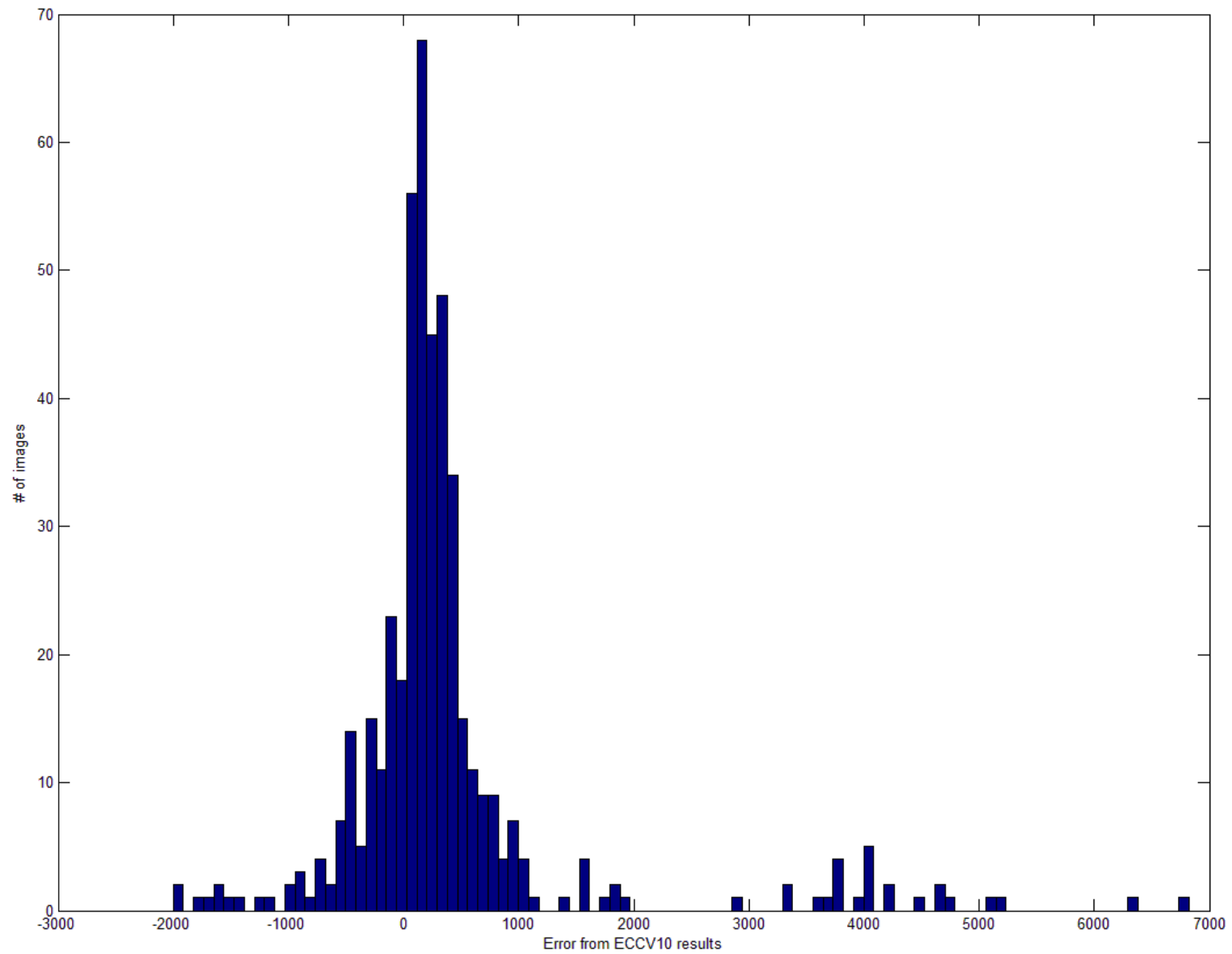
Err=169.7m 01317



Query Number=71







Problems

- Incorrect Geotagging leads to large error.
- Some images from dataset were in query set (not really a problem)

What's next?

- Check errors for image tags compared to actual images.
- Collect statistics from these results.
- Collect data from Moscow/Beijing and localize images using current methods.