# Improving Image GPS tags

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## Week 12

# Progress

- Have tested many methods for improving GPS tags using similar images within the Dataset
- Put in Ground Truth results for comparisons.
- Fixed some problems with Ground Truth

# Errors in Ground Truth

- Sometimes the ground truth was off by large amounts.
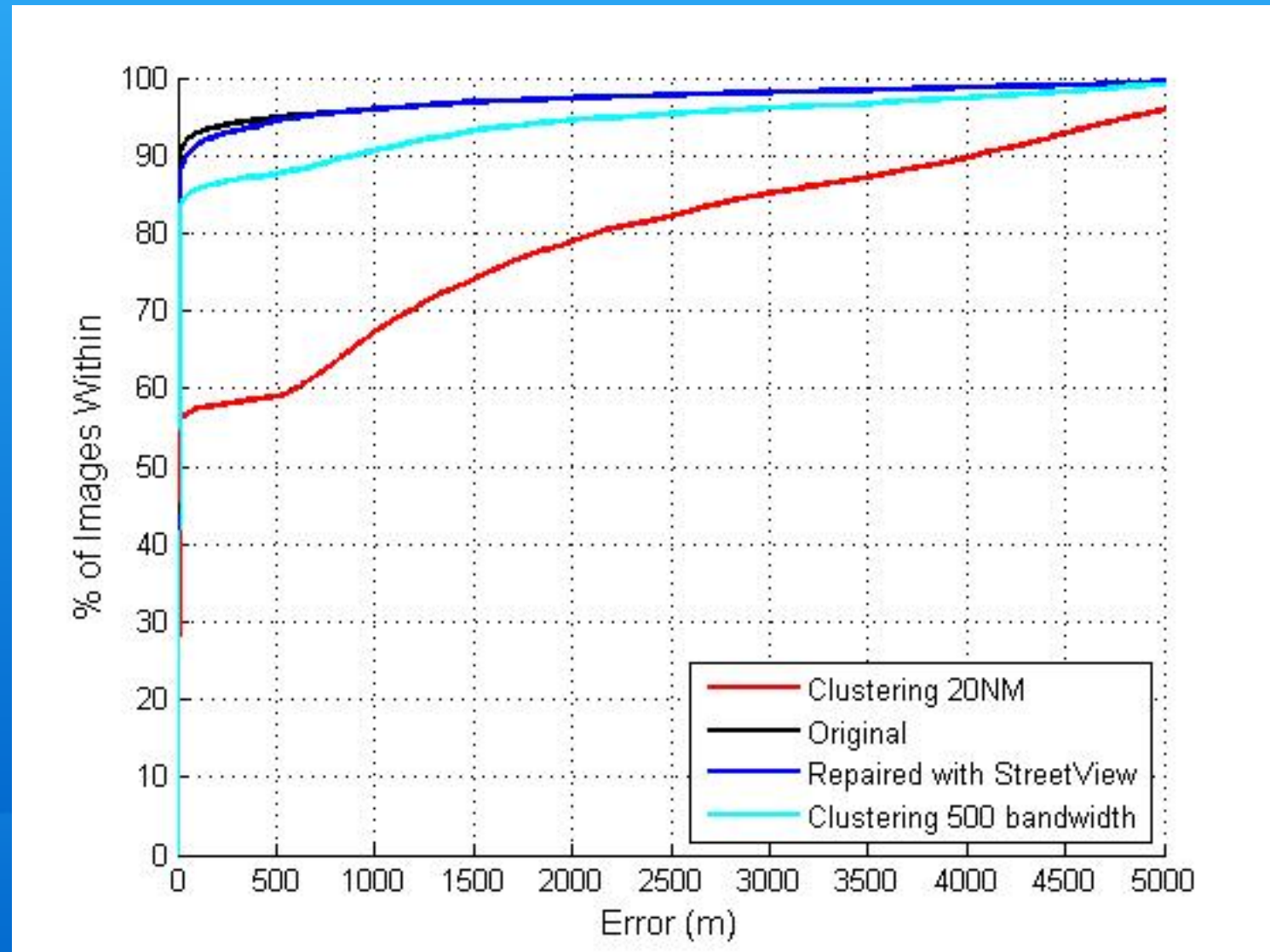- Examples like this were hand fixed.



Err=29.74m   00381

Query Number=35

Err=6179m   00381

Query Number=35

# Tag Comparison

# Conclusions from Ground Truth

- Only 10% of tags have significant error.
- By increasing bandwidth and number of nearest matches to be compared with, we were actually decreasing overall tag accuracy significantly.
- Tags from online sources are precise to 1m.