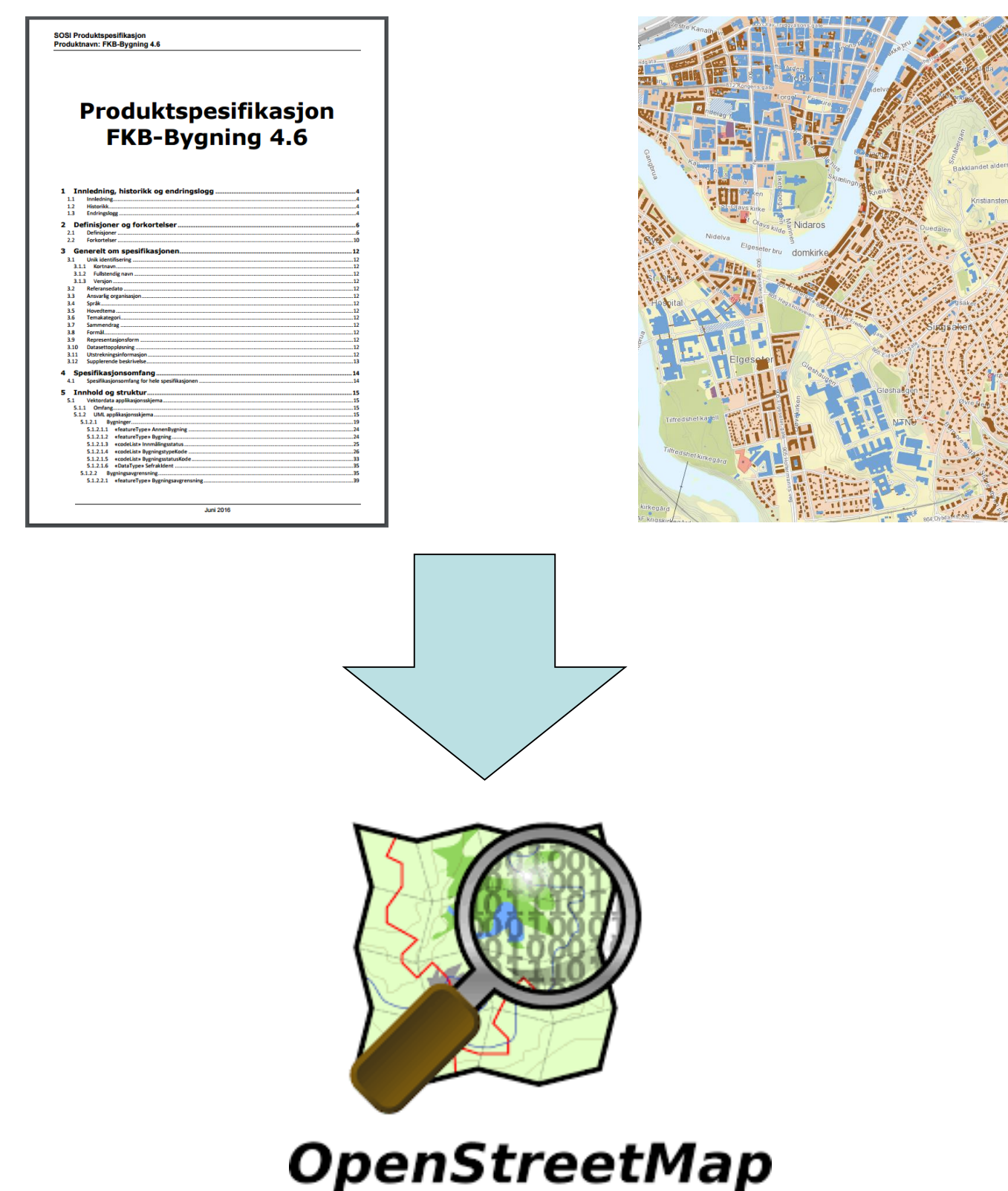


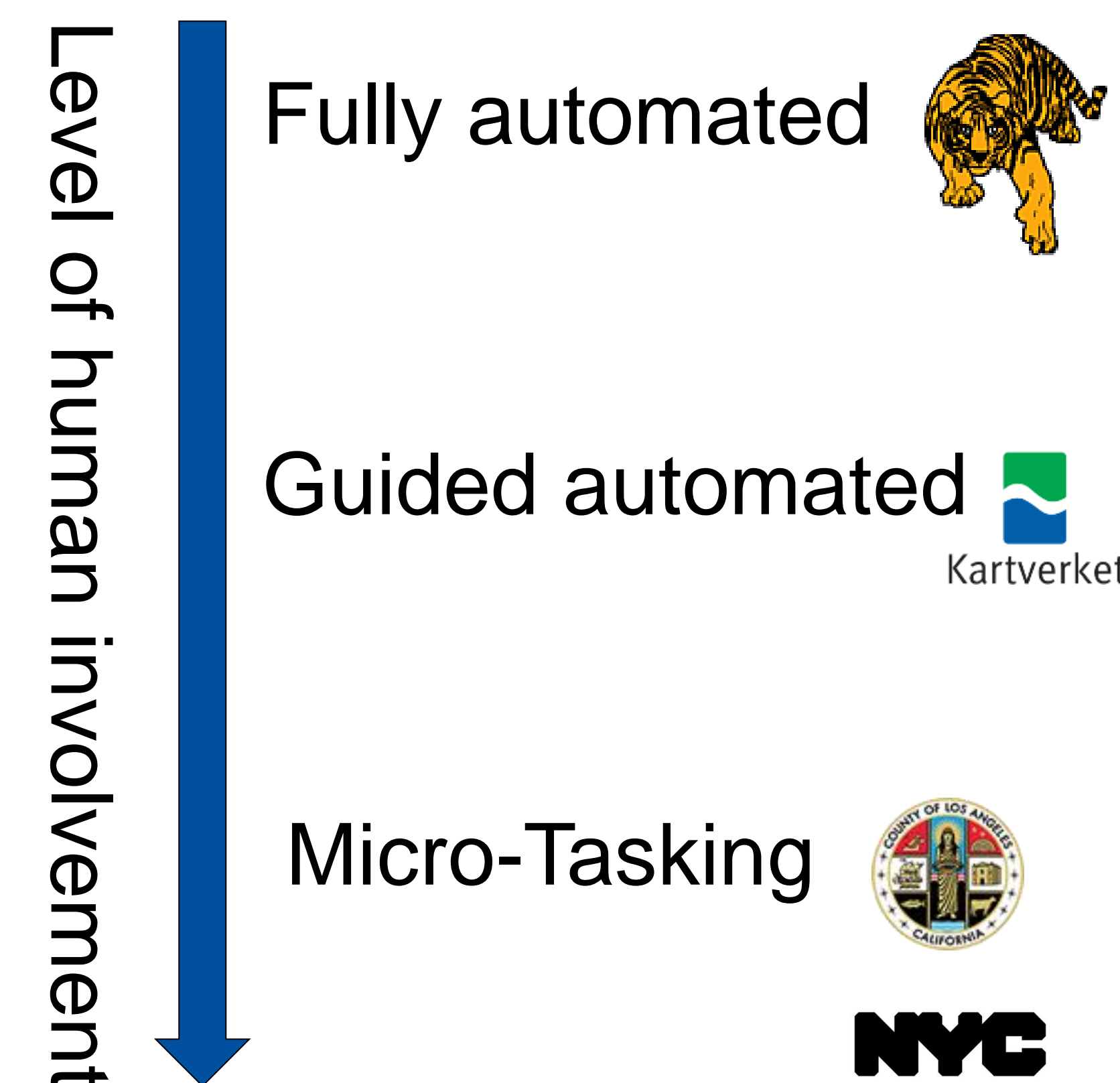
# Evaluation of the Micro-Tasking Method for OpenStreetMap Imports

## The problem

How to import detailed (building) data to OSM?



## Import Strategies



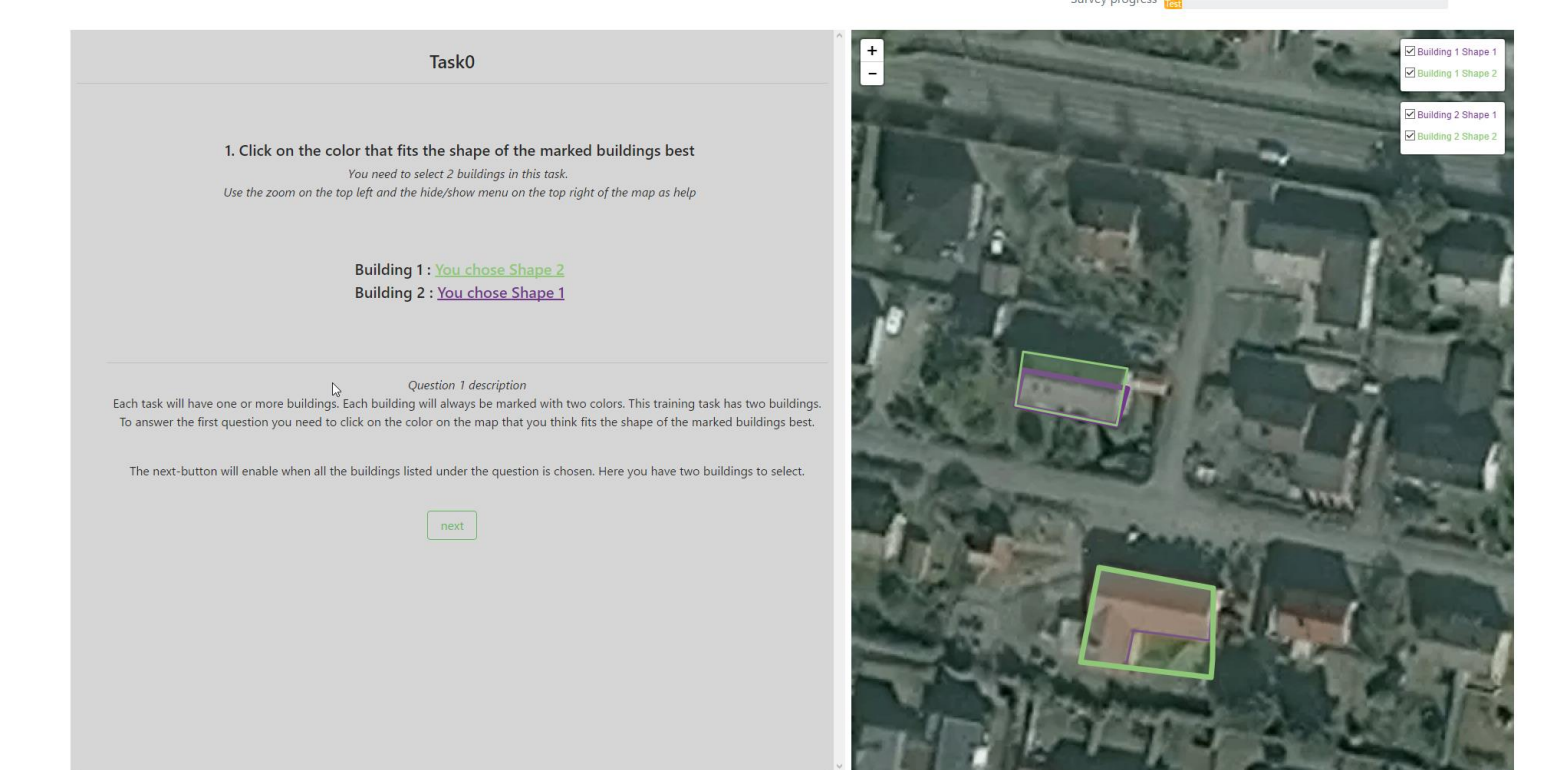
## Micro-Tasking

“Computers are incredibly fast, accurate, but stupid. Humans are incredibly slow, inaccurate, but brilliant. Together they may be powerful beyond imagination”  
– A. Einstein

- Split problem into small parts
- Distribute to volunteers
- Solvable within minutes
- No training required

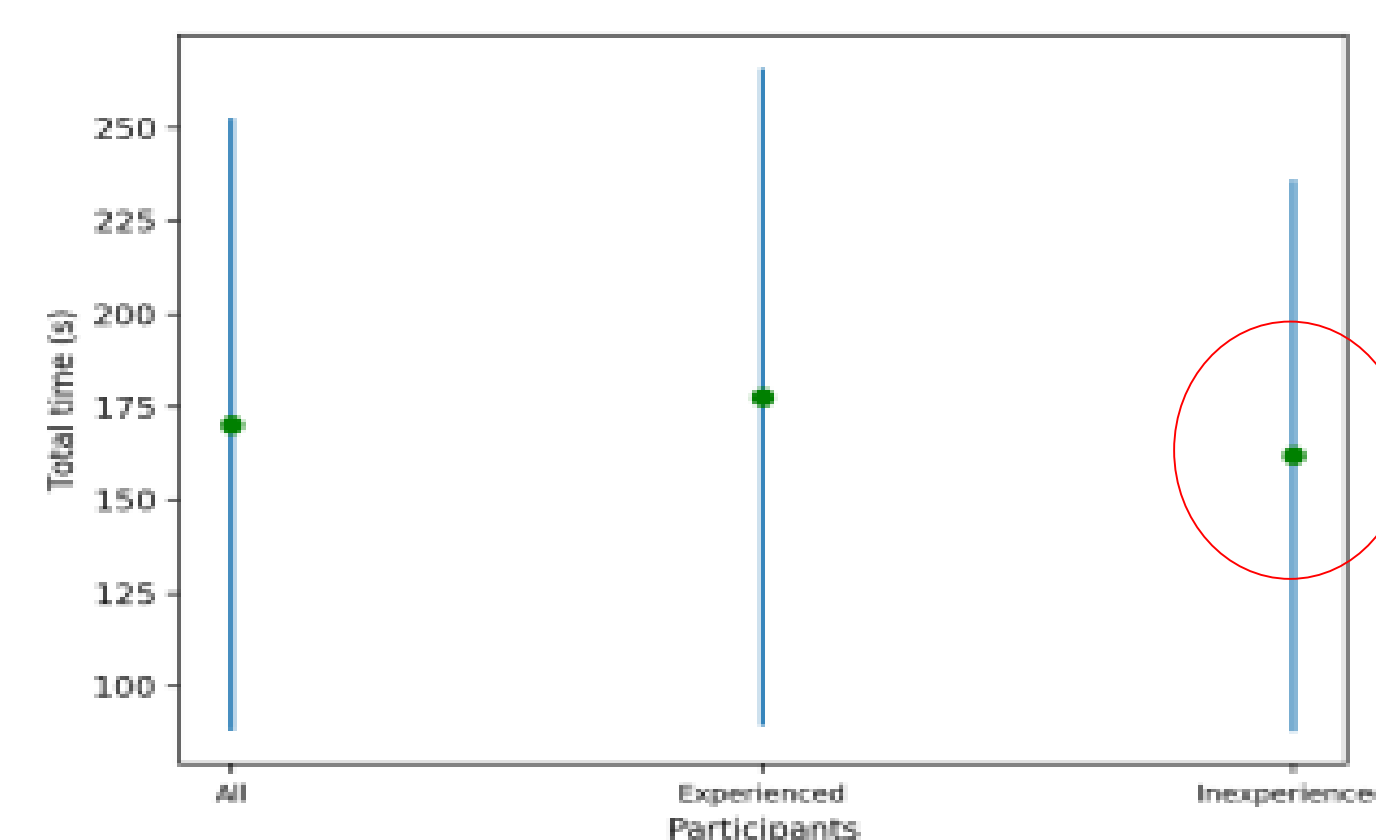
## Experiment

- Online survey (~400 participants)
- Choose best building shape
- Vary number of buildings per task
- Measure time and accuracy

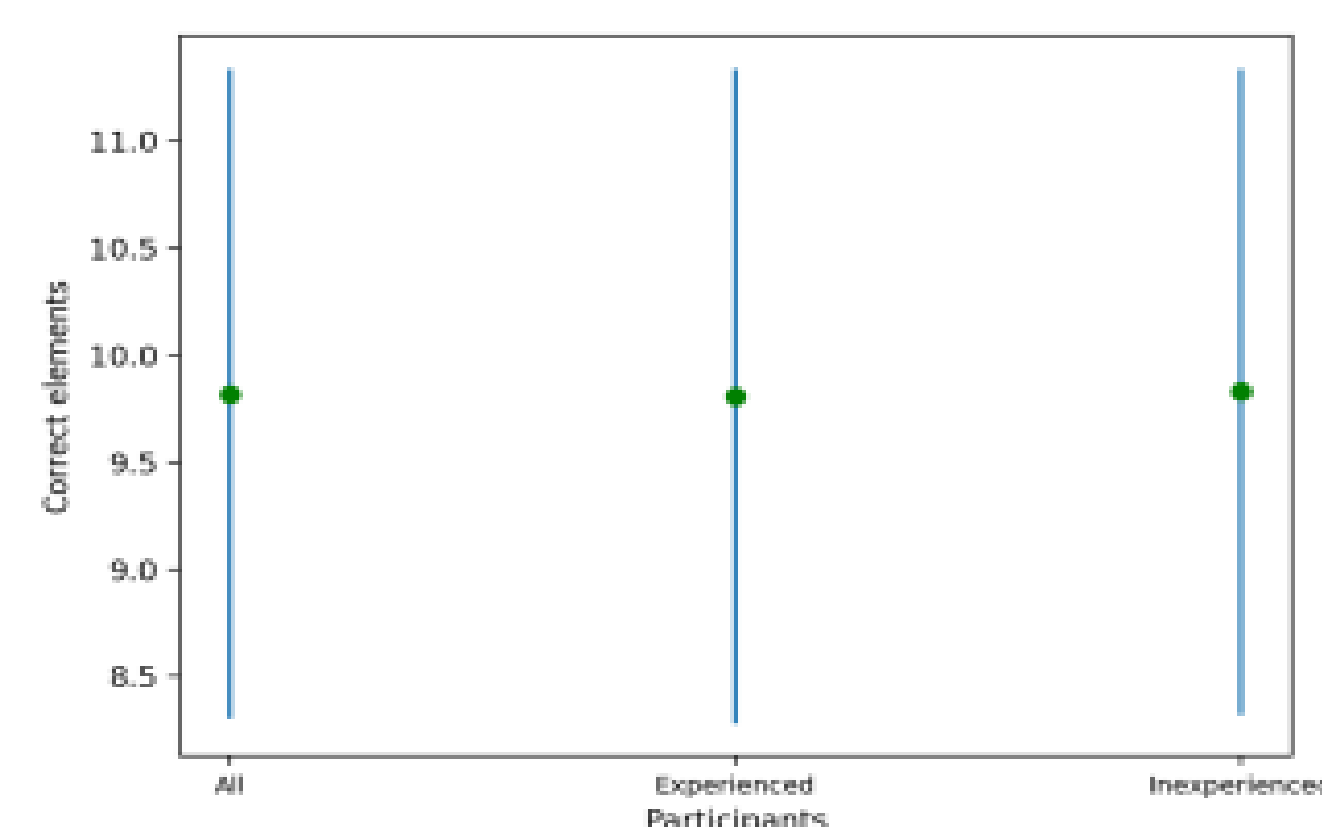


## Results

### Experience

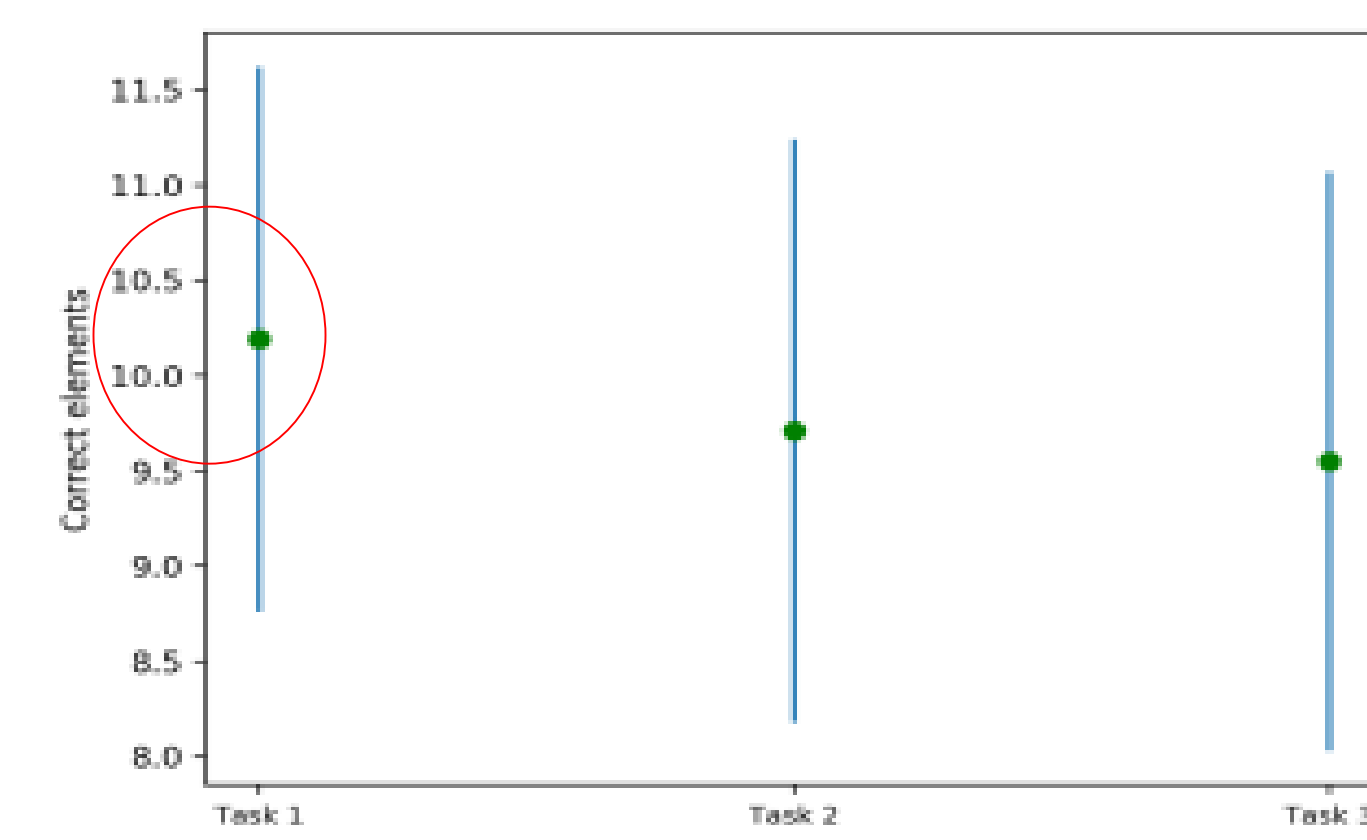


Inexperienced → faster

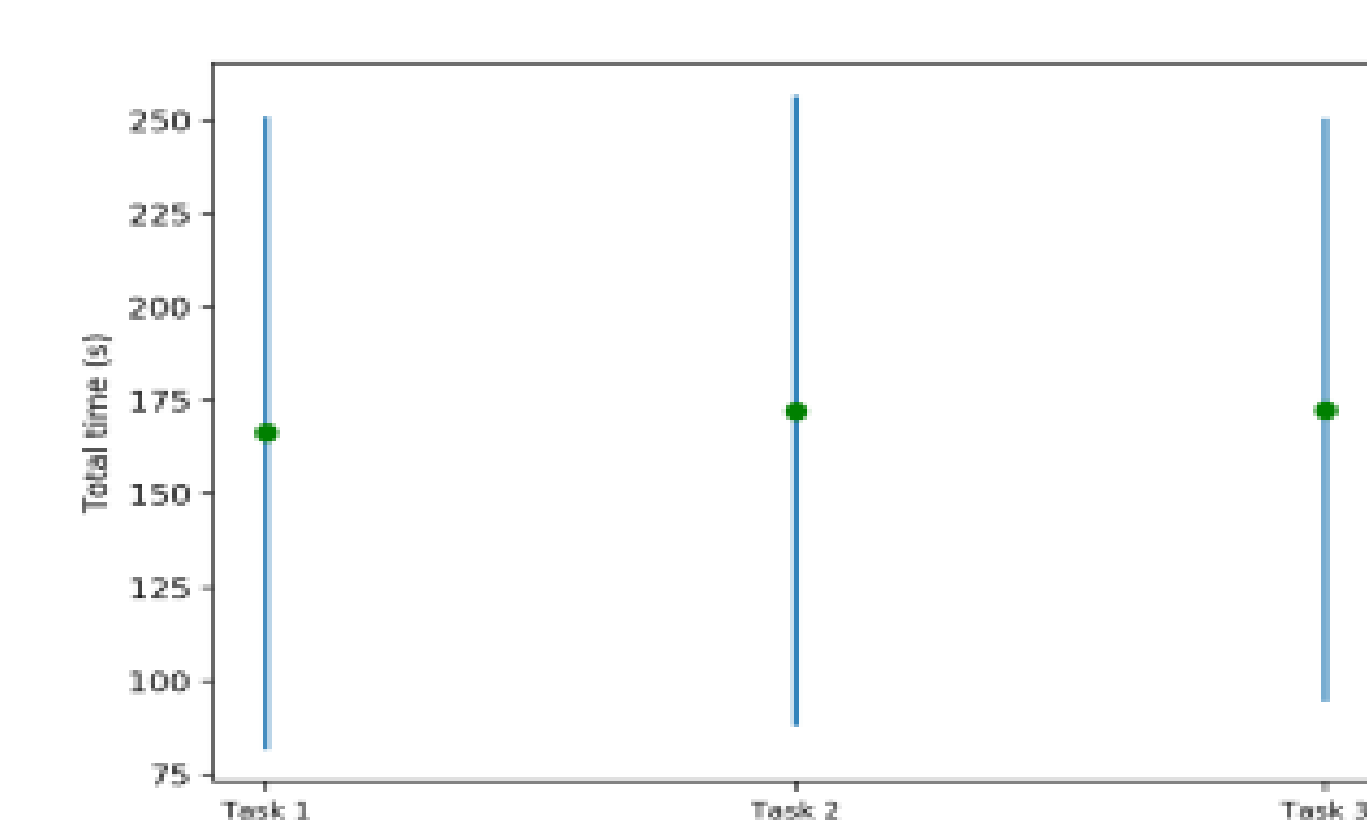


No difference on # correct

### Buildings per task



Fewer → more correct



Time: no difference

## Conclusion

- Micro-tasking is a feasible solution for OSM data imports
- Suitable for inexperienced participants
- Keep number of elements per task at minimum

More information at:

<http://docs.atlefren.net/osm>

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