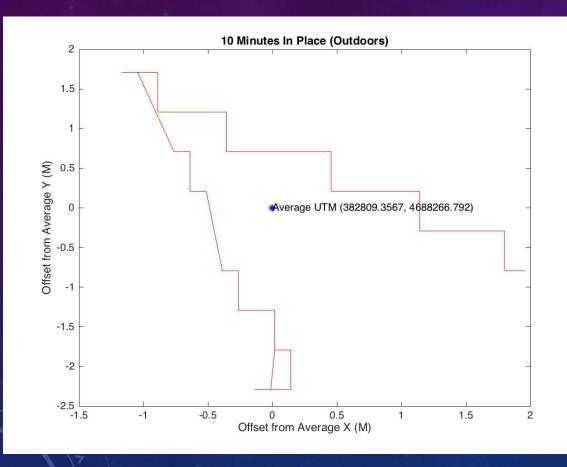
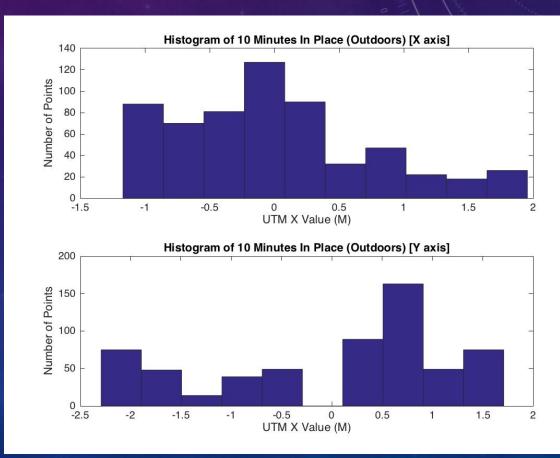


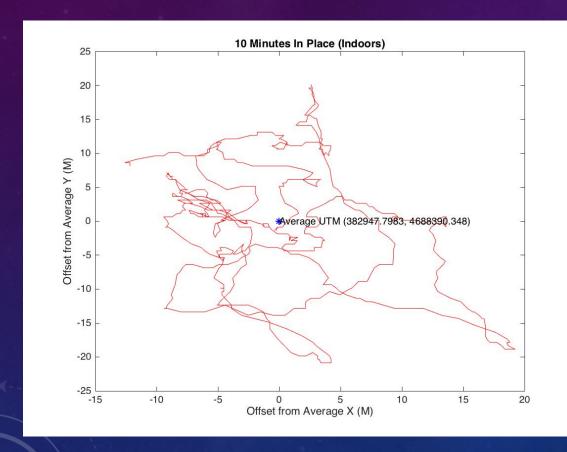
10 MIN IN PLACE OUTDOORS



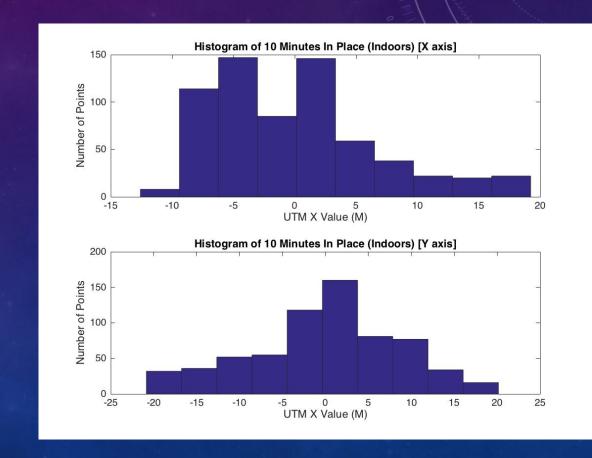
- +/- 3 meters of accuracy when outside
- Errors fall where there were buildings, i.e. standing between Eagan and Dana, buildings are North West and South East. GPS errors are in same directions!



10 MIN IN PLACE INDOORS



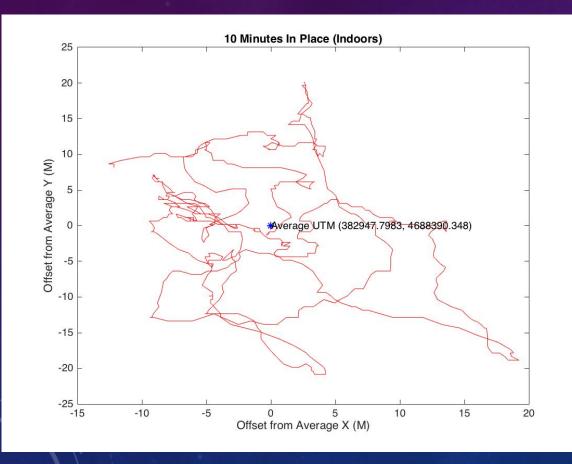
- Variation N/S direction is normally distributed
- Variation E/W is skewed toward the West
- +/- 20 m of error when inside in any direction

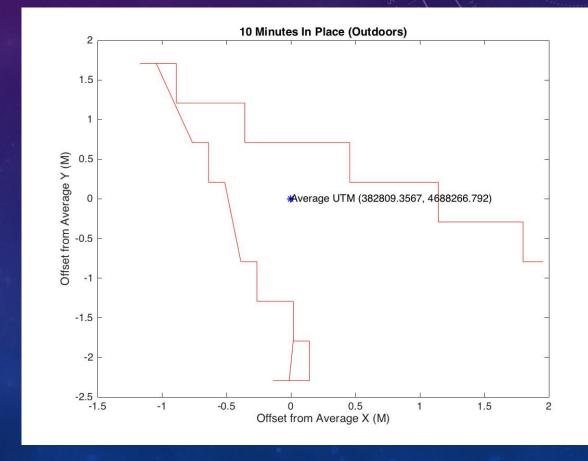


SIGNIFICANTLY GREATER VARIATION INDOORS

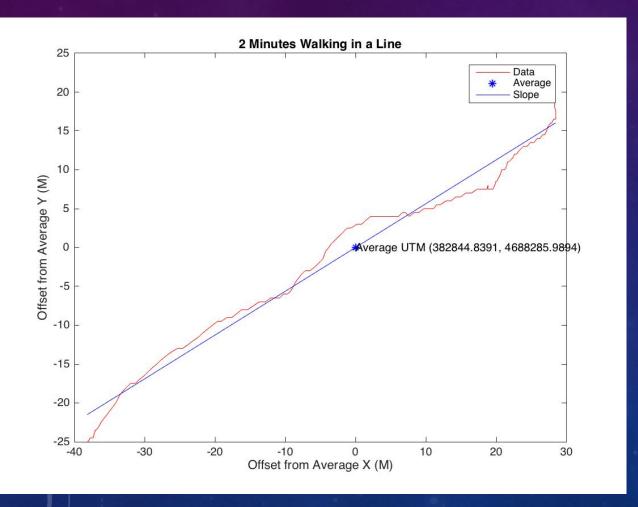
Error is significantly greater outside than inside.

Data is more skewed outdoors while more circular indoors





2 MIN WALKING IN A LINE



- Best fit line using least squares regression
- R^2 Value of . 976
- P Value of 3.07e-114