## **ROS Package Stress Test**

Jaehyun Lim<sup>1</sup>

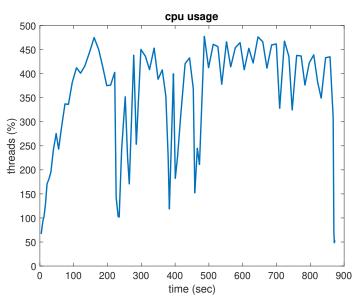
<sup>1</sup>Machine Learning and Control Systems (MLCS) Laboratory <sup>1</sup>School of Mechanical Engineering Yonsei University

June 18, 2020

## Test setup

- Gaming laptop
  - mot\_realsense
  - cartographer\_ros
  - teb\_local\_planner
  - pointcloud\_to\_laserscan
  - scan\_unifier
- Simulation desktop
  - gazebo\_ros w/ 10ms step size
  - two velodyne\_gazebo\_plugins w/ 20Hz

## cartographer\_ros usage



## teb\_local\_planner usage (30Hz target frequency)

