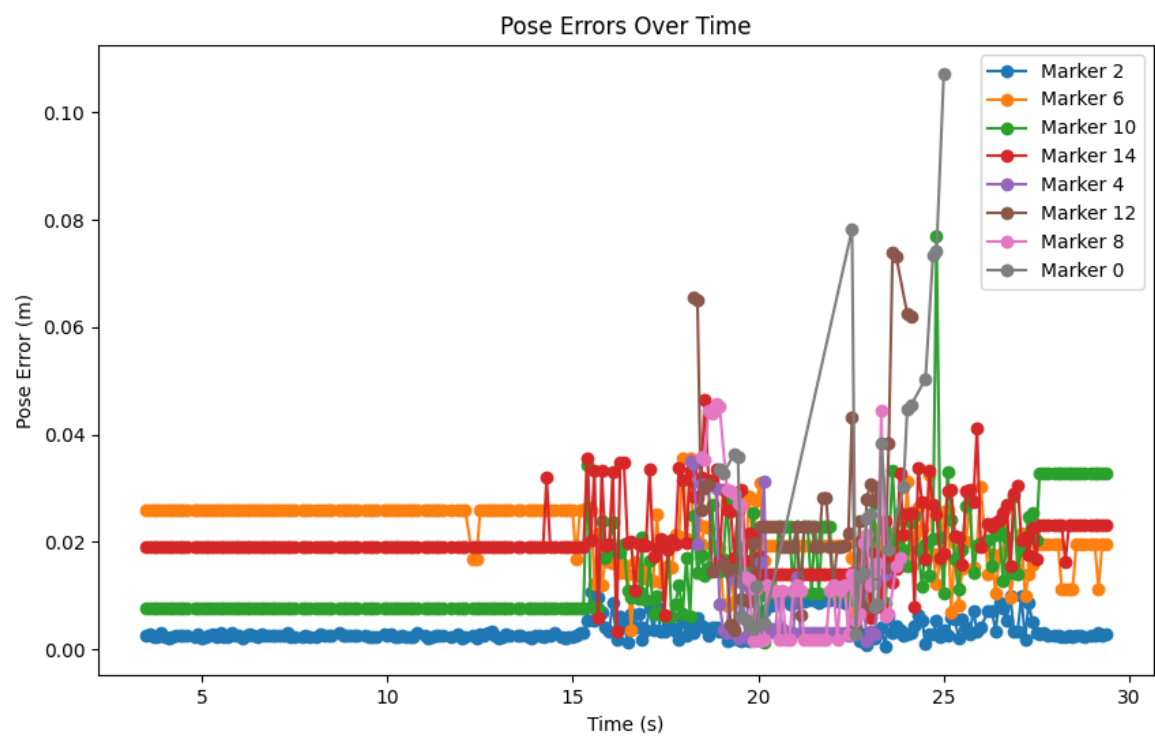Informations:

Test: standard joint test

Positions reached:
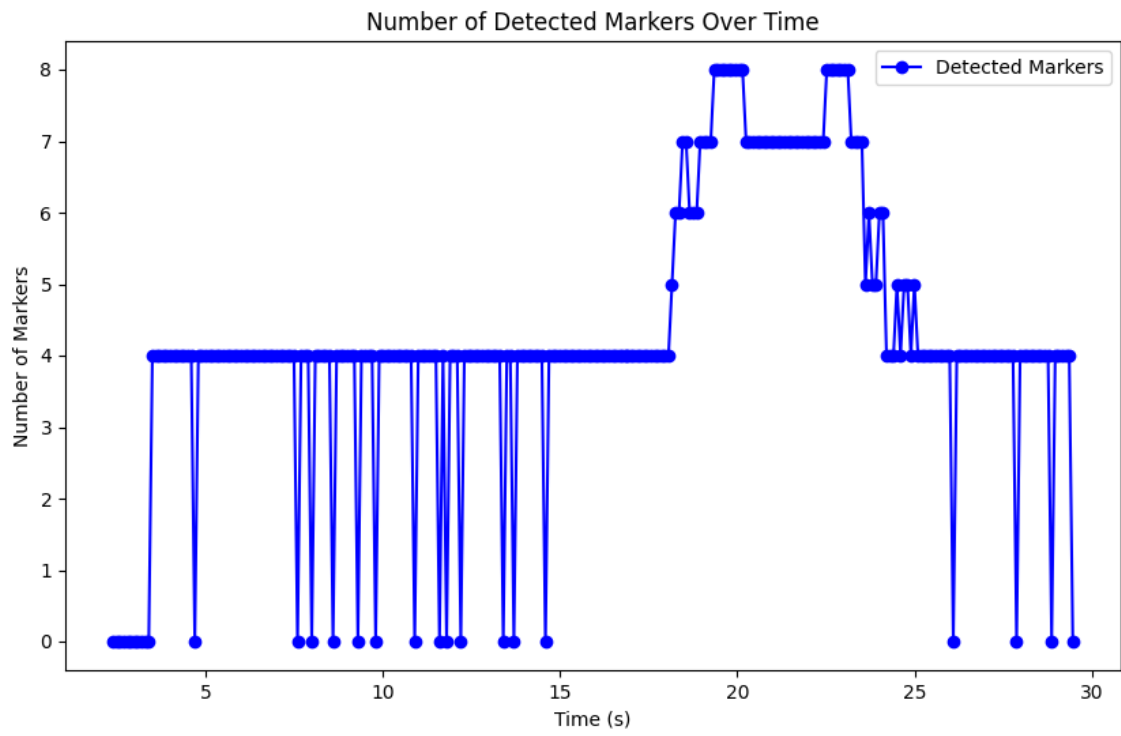
- [0, 0, 0, 0, 0]

- [0.5, 0, 0, 0, 0]

- [0, 0.5, 0, 0, 0]

Conditions:

Initial correct test, 1 camera, full light, matthieu

Pose Errors Over Time

Number of Detected Markers Over Time

Number of Detected Markers Over Time

Error Statistics

Marker 2:

   Mean: {'dx': -0.0036, 'dy': -0.0004, 'dz': -0.0006, 'rx': 0.0064, 'ry': -0.0056, 'rz': 0.0012}

   Std: {'dx': 0.0025, 'dy': 0.0006, 'dz': 0.0006, 'rx': 0.0096, 'ry': 0.0126, 'rz': 0.0027}

Marker 6:

   Mean: {'dx': -0.0212, 'dy': -0.0005, 'dz': -0.0022, 'rx': -0.0149, 'ry': -0.0285, 'rz': 0.0003}

   Std: {'dx': 0.0059, 'dy': 0.0007, 'dz': 0.0008, 'rx': 0.0808, 'ry': 0.0834, 'rz': 0.0113}

Marker 10:

   Mean: {'dx': -0.0139, 'dy': -0.0005, 'dz': 0.0017, 'rx': -0.0533, 'ry': -0.0154, 'rz': 0.0003}

   Std: {'dx': 0.0092, 'dy': 0.001, 'dz': 0.0008, 'rx': 0.1008, 'ry': 0.1043, 'rz': 0.0097}

Marker 14:

   Mean: {'dx': -0.0194, 'dy': -0.0009, 'dz': 0.0056, 'rx': 0.0002, 'ry': -0.0327, 'rz': -0.003}

   Std: {'dx': 0.0058, 'dy': 0.0016, 'dz': 0.0015, 'rx': 0.1181, 'ry': 0.0981, 'rz': 0.0123}

Marker 4:

   Mean: {'dx': 0.0026, 'dy': -0.001, 'dz': 0.001, 'rx': -0.0001, 'ry': 0.0299, 'rz': -0.0085}

   Std: {'dx': 0.0129, 'dy': 0.0006, 'dz': 0.0014, 'rx': 0.0375, 'ry': 0.3221, 'rz': 0.0144}

Marker 12:

   Mean: {'dx': -0.0024, 'dy': -0.0023, 'dz': 0.0009, 'rx': 0.2408, 'ry': 0.9871, 'rz': 0.0151}

   Std: {'dx': 0.0295, 'dy': 0.0025, 'dz': 0.0068, 'rx': 0.2654, 'ry': 1.1438, 'rz': 0.0151}

Marker 8:

   Mean: {'dx': 0.0133, 'dy': -0.0015, 'dz': -0.0008, 'rx': 0.0109, 'ry': 0.0722, 'rz': 0.008}

   Std: {'dx': 0.0146, 'dy': 0.0014, 'dz': 0.0013, 'rx': 0.0489, 'ry': 0.45, 'rz': 0.0107}

Marker 0:

   Mean: {'dx': 0.028, 'dy': 0.0011, 'dz': 0.0072, 'rx': 0.0045, 'ry': -0.016, 'rz': -0.0005}

   Std: {'dx': 0.0271, 'dy': 0.002, 'dz': 0.0065, 'rx': 0.0108, 'ry': 0.0163, 'rz': 0.0132}

Overall Pose Errors (Mean and Std):

   dx: Mean=-0.0109, Std=0.0152

dy: Mean=-0.0007, Std=0.0013

dz: Mean=0.0012, Std=0.0035

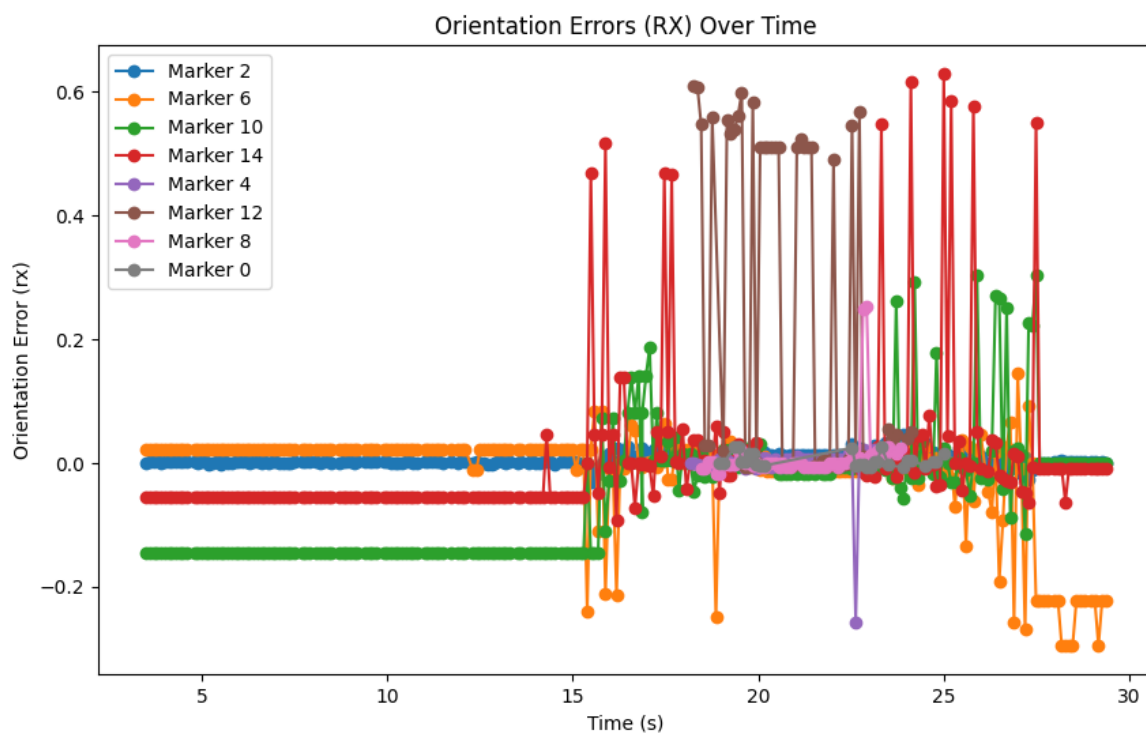rx: Mean=-0.0010, Std=0.1151

ry: Mean=0.0333, Std=0.3536
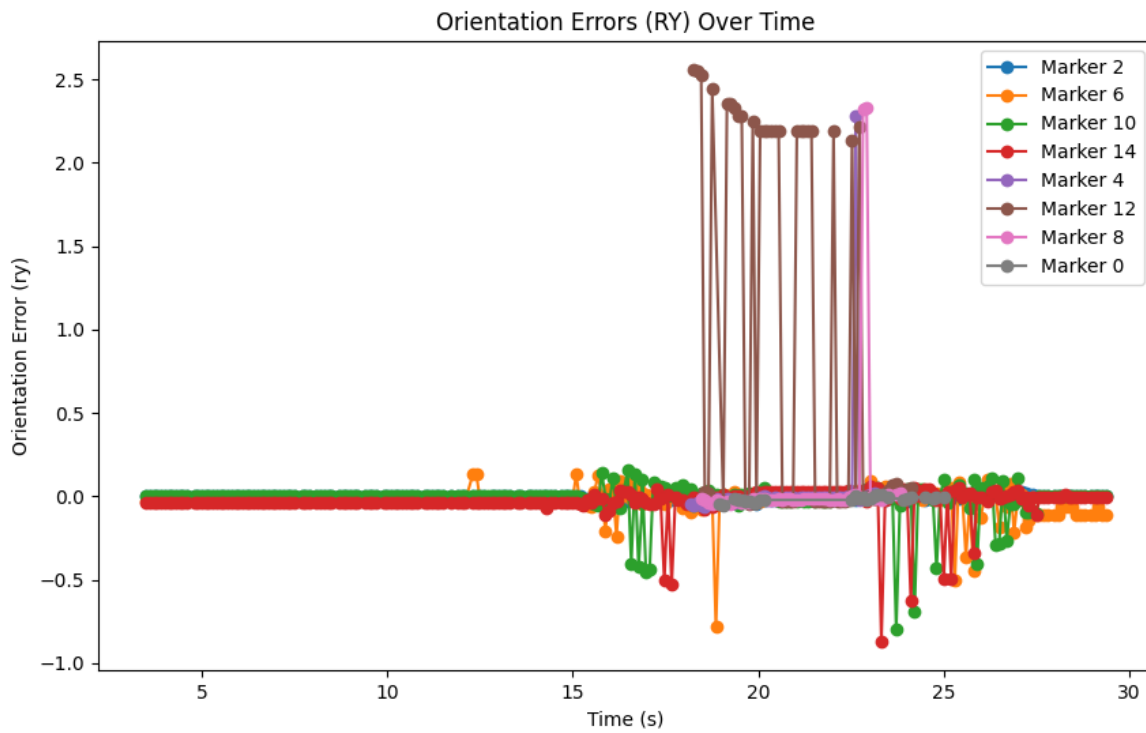
rz: Mean=0.0005, Std=0.0113

Detection Analysis:

Mean Number of Detected Markers: 4.2737

Standard Deviation: 1.9334

Orientation Errors (RX) Over Time

Orientation Errors (RX) Over Time

Orientation Errors (RY) Over Time

Orientation Errors (RZ) Over Time