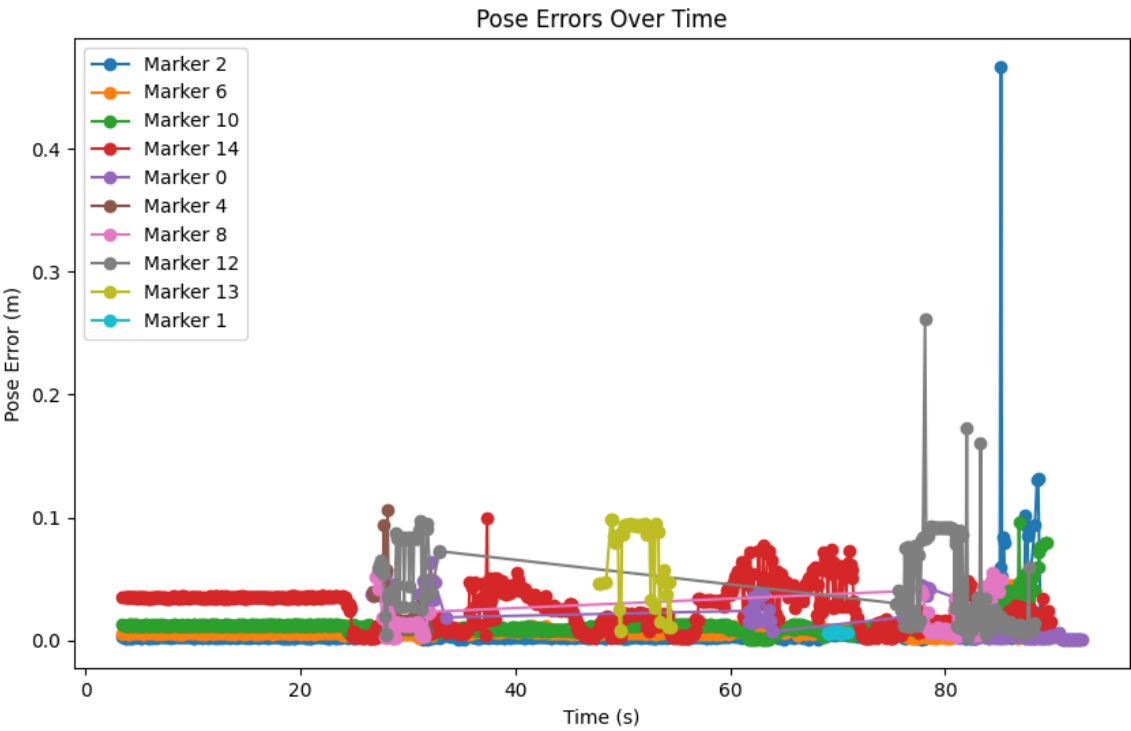


Informations:

Test: standard joint test

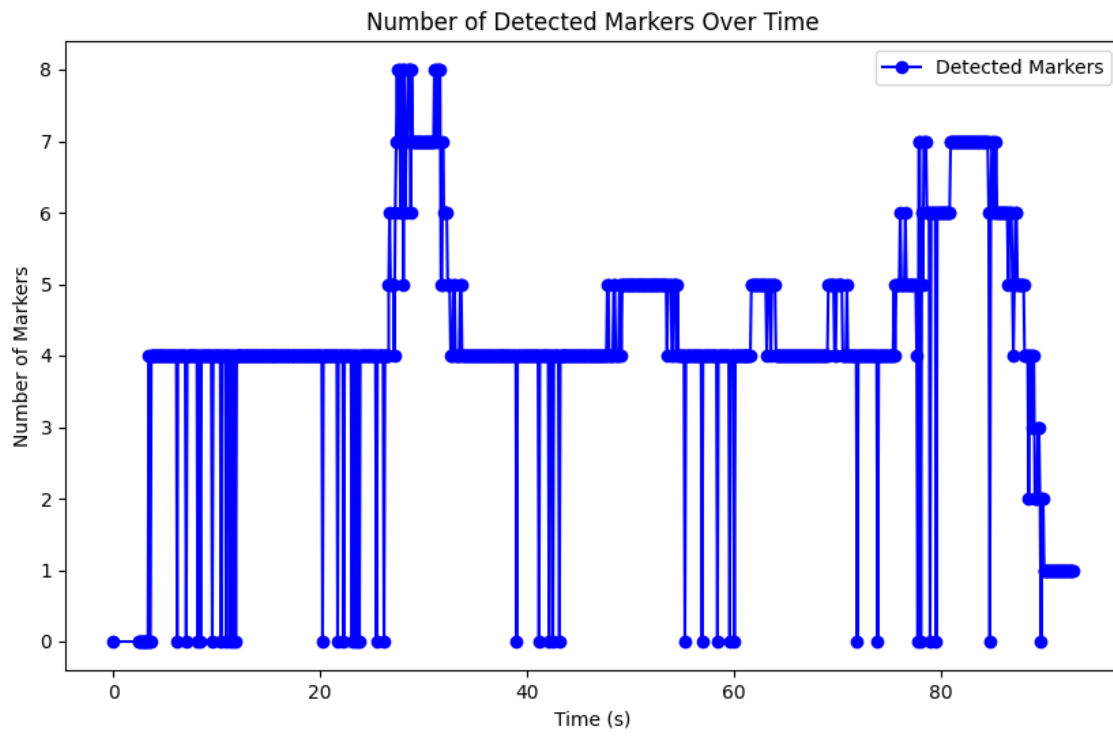
Positions reached:

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



Pose Errors Over Time

Number of Detected Markers Over Time



Error Statistics

Marker 2:

Mean: {'dx': -0.0018, 'dy': -0.0005, 'dz': -0.0002, 'rx': -0.0017, 'ry': -0.0312, 'rz': 0.0012}

Std: {'dx': 0.0192, 'dy': 0.0013, 'dz': 0.0049, 'rx': 0.0738, 'ry': 0.2449, 'rz': 0.0079}

Marker 6:

Mean: {'dx': -0.0045, 'dy': -0.0008, 'dz': -0.0002, 'rx': -0.0183, 'ry': -0.0358, 'rz': -0.0008}

Std: {'dx': 0.0072, 'dy': 0.0007, 'dz': 0.0007, 'rx': 0.2444, 'ry': 0.1652, 'rz': 0.01}

Marker 10:

Mean: {'dx': -0.0073, 'dy': -0.0006, 'dz': 0.0015, 'rx': -0.0237, 'ry': -0.02, 'rz': -0.0025}

Std: {'dx': 0.0116, 'dy': 0.0016, 'dz': 0.001, 'rx': 0.2538, 'ry': 0.1506, 'rz': 0.0132}

Marker 14:

Mean: {'dx': 0.0204, 'dy': -0.0012, 'dz': -0.0038, 'rx': 0.288, 'ry': -0.1354, 'rz': -0.0039}

Std: {'dx': 0.0208, 'dy': 0.0038, 'dz': 0.0054, 'rx': 0.5729, 'ry': 0.4658, 'rz': 0.0208}

Marker 0:

Mean: {'dx': 0.0131, 'dy': -0.0002, 'dz': 0.0039, 'rx': -0.1494, 'ry': 0.552, 'rz': 0.0036}

Std: {'dx': 0.0168, 'dy': 0.0015, 'dz': 0.0044, 'rx': 0.2923, 'ry': 0.9765, 'rz': 0.0224}

Marker 4:

Mean: {'dx': 0.0234, 'dy': -0.0006, 'dz': 0.0027, 'rx': -0.2005, 'ry': 1.7958, 'rz': -0.0311}

Std: {'dx': 0.0206, 'dy': 0.001, 'dz': 0.0026, 'rx': 0.1065, 'ry': 0.8864, 'rz': 0.033}

Marker 8:

Mean: {'dx': 0.0087, 'dy': -0.0001, 'dz': 0.0012, 'rx': 0.061, 'ry': 1.7967, 'rz': -0.0096}

Std: {'dx': 0.0204, 'dy': 0.0021, 'dz': 0.0025, 'rx': 0.2951, 'ry': 0.8926, 'rz': 0.0175}

Marker 12:

Mean: {'dx': 0.0238, 'dy': 0.0003, 'dz': -0.0031, 'rx': -0.1343, 'ry': 0.3097, 'rz': 0.0241}

Std: {'dx': 0.056, 'dy': 0.0066, 'dz': 0.0127, 'rx': 0.4673, 'ry': 0.6699, 'rz': 0.0187}

Marker 13:

Mean: {'dx': 0.0657, 'dy': -0.0023, 'dz': -0.0142, 'rx': 0.0445, 'ry': -2.2647, 'rz': -0.1142}

Std: {'dx': 0.0416, 'dy': 0.0024, 'dz': 0.009, 'rx': 0.0333, 'ry': 1.8014, 'rz': 0.1752}

Marker 1:

Mean: {'dx': 0.0055, 'dy': -0.0004, 'dz': 0.0023, 'rx': 0.0125, 'ry': -3.115, 'rz': -0.0191}

Std: {'dx': 0.0007, 'dy': 0.0, 'dz': 0.0002, 'rx': 0.0005, 'ry': 0.0005, 'rz': 0.0005}

Overall Pose Errors (Mean and Std):

dx: Mean=0.0046, Std=0.0242

dy: Mean=-0.0007, Std=0.0025

dz: Mean=-0.0007, Std=0.0053

rx: Mean=0.0411, Std=0.3650

ry: Mean=0.0179, Std=0.6806

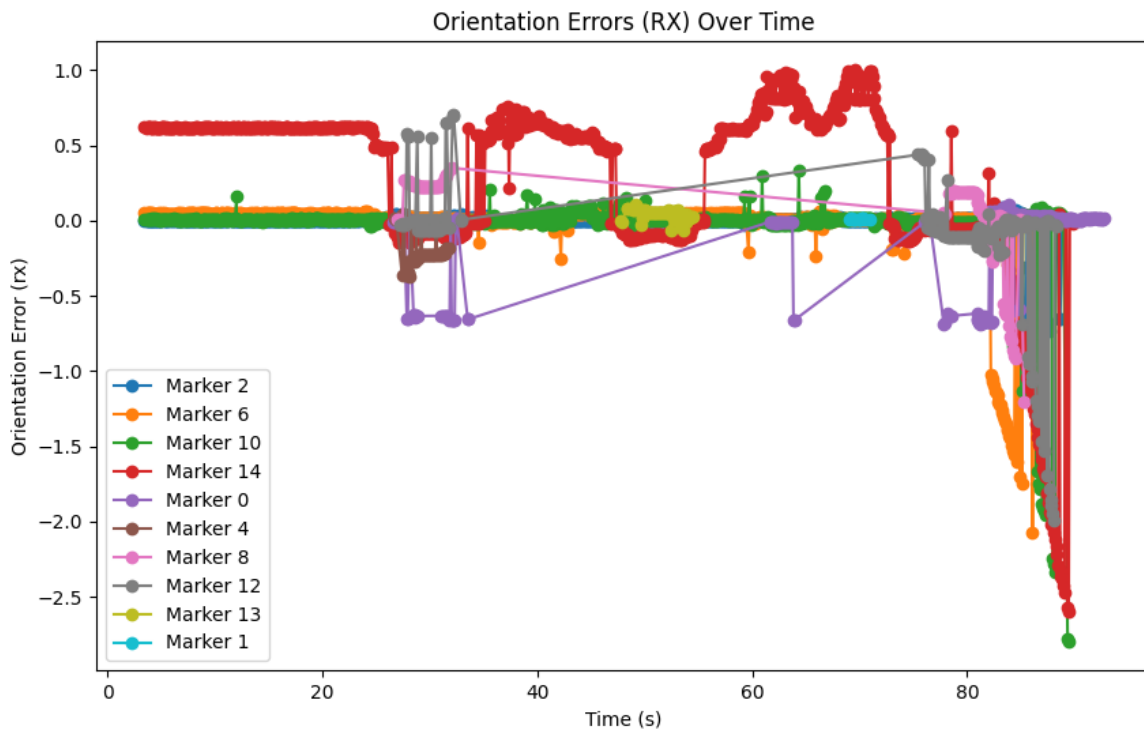
rz: Mean=-0.0025, Std=0.0299

Detection Analysis:

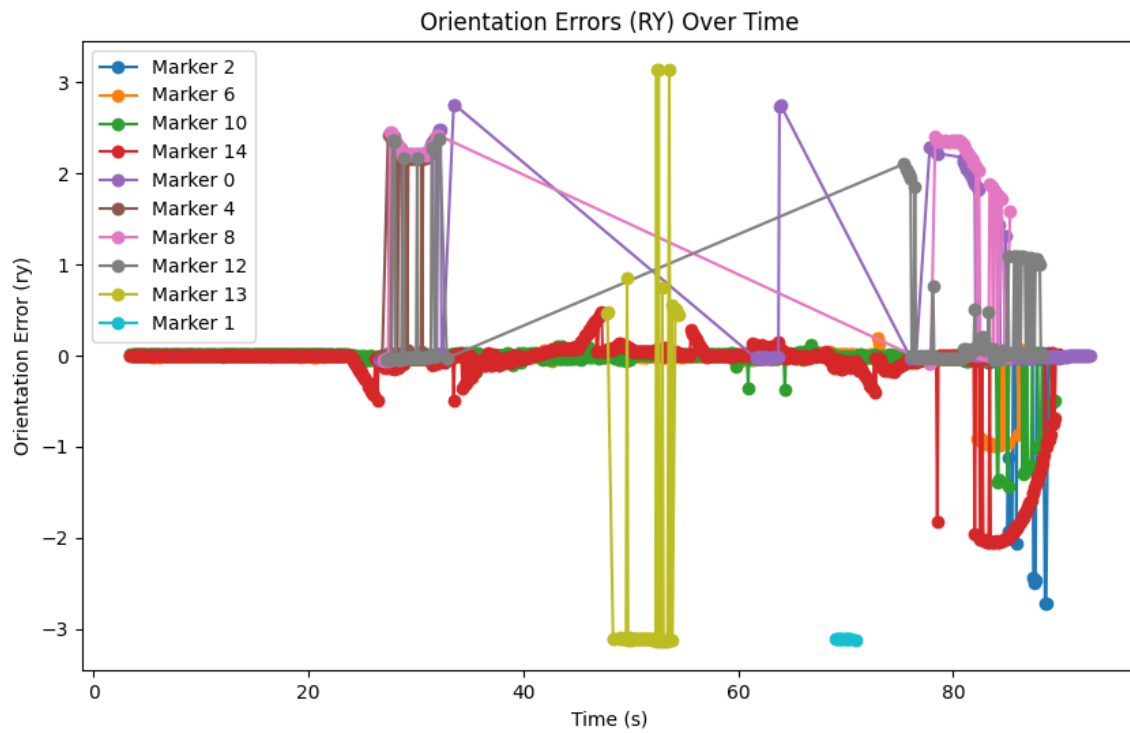
Mean Number of Detected Markers: 4.2285

Standard Deviation: 1.5345

Orientation Errors (RX) Over Time



Orientation Errors (RY) Over Time



Orientation Errors (RZ) Over Time

