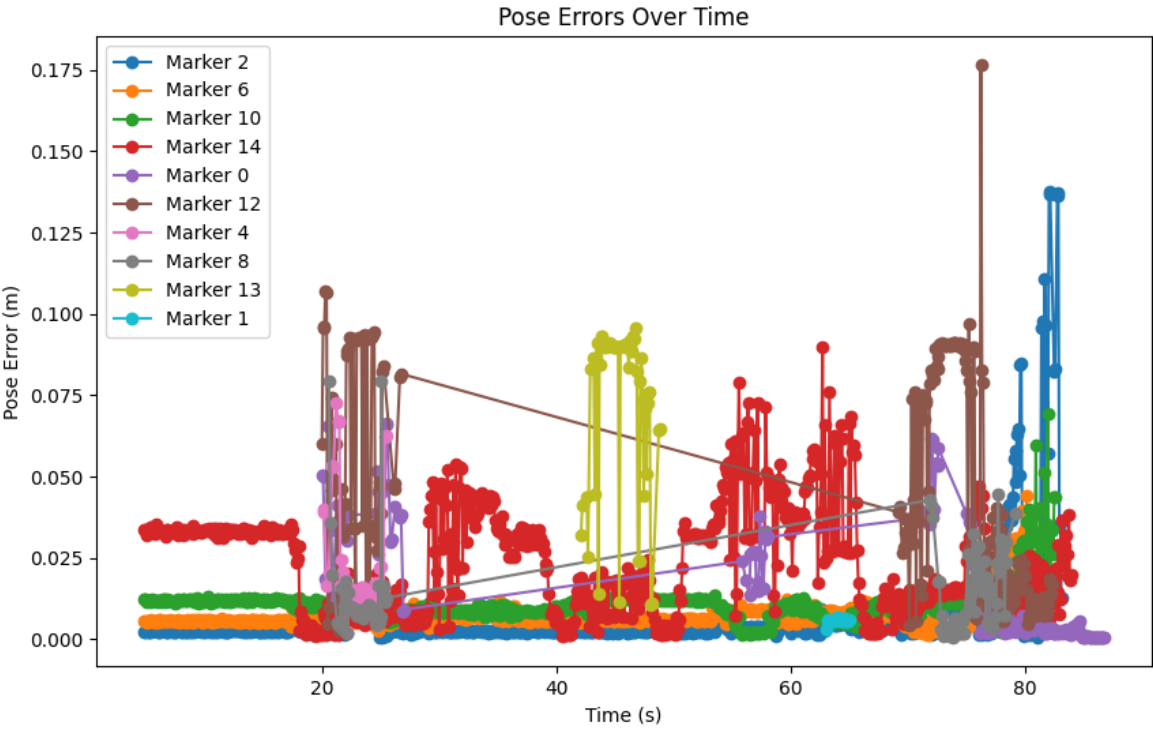


Informations:

Test: standard joint test

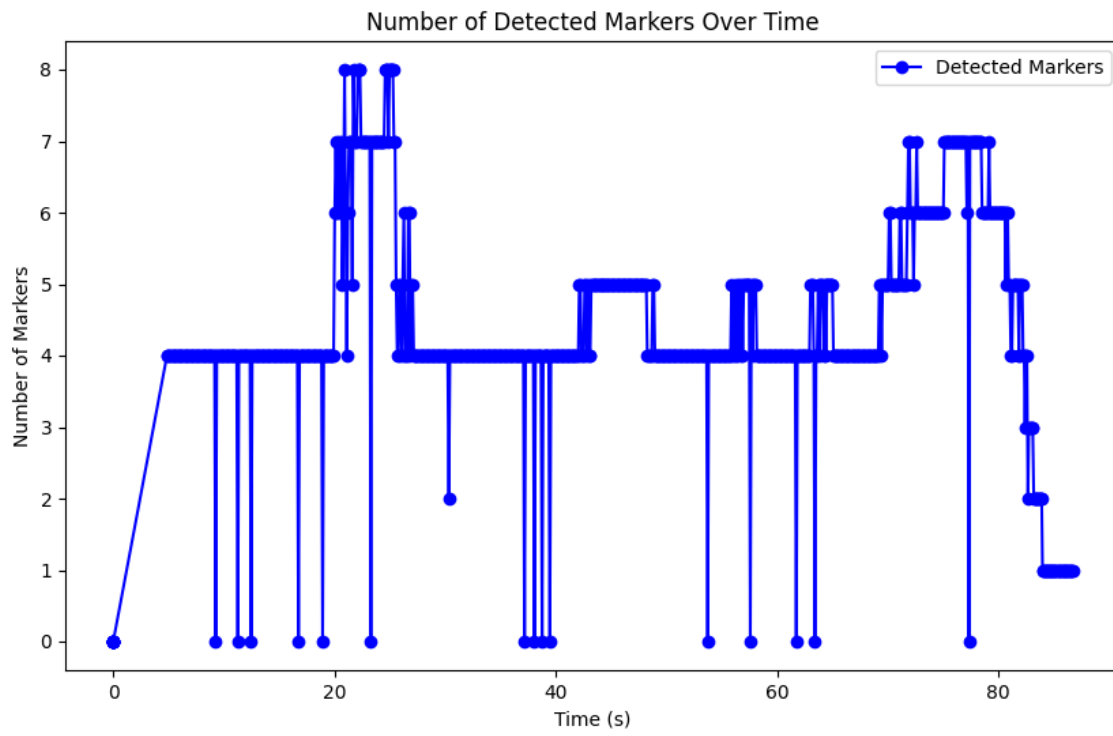
Positions reached:

- [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': -0.0006, 'dy': -0.0007, 'dz': 0.0002, 'rx': -0.0062, 'ry': -0.0501, 'rz': 0.0013}

Std: {'dx': 0.0156, 'dy': 0.0012, 'dz': 0.0041, 'rx': 0.0971, 'ry': 0.3163, 'rz': 0.011}

Marker 6:

Mean: {'dx': -0.0042, 'dy': -0.0008, 'dz': -0.0002, 'rx': -0.0368, 'ry': -0.0465, 'rz': -0.0014}

Std: {'dx': 0.0081, 'dy': 0.0007, 'dz': 0.0009, 'rx': 0.2826, 'ry': 0.1892, 'rz': 0.0105}

Marker 10:

Mean: {'dx': -0.0075, 'dy': -0.0006, 'dz': 0.0015, 'rx': -0.0238, 'ry': -0.0252, 'rz': -0.0022}

Std: {'dx': 0.0096, 'dy': 0.0014, 'dz': 0.0008, 'rx': 0.2397, 'ry': 0.1663, 'rz': 0.013}

Marker 14:

Mean: {'dx': 0.0173, 'dy': -0.0014, 'dz': -0.0028, 'rx': 0.2256, 'ry': -0.1656, 'rz': -0.0047}

Std: {'dx': 0.0213, 'dy': 0.0036, 'dz': 0.0057, 'rx': 0.6143, 'ry': 0.5079, 'rz': 0.0214}

Marker 0:

Mean: {'dx': 0.0136, 'dy': -0.0003, 'dz': 0.0041, 'rx': -0.1359, 'ry': 0.507, 'rz': 0.002}

Std: {'dx': 0.018, 'dy': 0.0017, 'dz': 0.0047, 'rx': 0.2855, 'ry': 0.9463, 'rz': 0.022}

Marker 12:

Mean: {'dx': 0.0252, 'dy': 0.0006, 'dz': -0.0033, 'rx': -0.1763, 'ry': 0.4575, 'rz': 0.0216}

Std: {'dx': 0.052, 'dy': 0.0062, 'dz': 0.0122, 'rx': 0.5742, 'ry': 0.7963, 'rz': 0.0218}

Marker 4:

Mean: {'dx': 0.0219, 'dy': -0.0007, 'dz': 0.0025, 'rx': -0.1922, 'ry': 1.8195, 'rz': -0.0333}

Std: {'dx': 0.018, 'dy': 0.0008, 'dz': 0.0022, 'rx': 0.1007, 'ry': 0.8603, 'rz': 0.0327}

Marker 8:

Mean: {'dx': 0.0054, 'dy': -0.0004, 'dz': 0.0012, 'rx': 0.0818, 'ry': 1.8783, 'rz': -0.0099}

Std: {'dx': 0.0186, 'dy': 0.0017, 'dz': 0.0023, 'rx': 0.2586, 'ry': 0.8312, 'rz': 0.0171}

Marker 13:

Mean: {'dx': 0.0674, 'dy': -0.0026, 'dz': -0.0146, 'rx': 0.0419, 'ry': -2.266, 'rz': -0.1321}

Std: {'dx': 0.0362, 'dy': 0.0017, 'dz': 0.0079, 'rx': 0.0328, 'ry': 1.6485, 'rz': 0.1705}

Marker 1:

Mean: {'dx': 0.0054, 'dy': -0.0004, 'dz': 0.0022, 'rx': 0.0126, 'ry': -3.1152, 'rz': -0.019}

Std: {'dx': 0.0008, 'dy': 0.0001, 'dz': 0.0002, 'rx': 0.0006, 'ry': 0.0007, 'rz': 0.001}

Overall Pose Errors (Mean and Std):

dx: Mean=0.0047, Std=0.0234

dy: Mean=-0.0008, Std=0.0025

dz: Mean=-0.0004, Std=0.0052

rx: Mean=0.0189, Std=0.3848

ry: Mean=0.0193, Std=0.7317

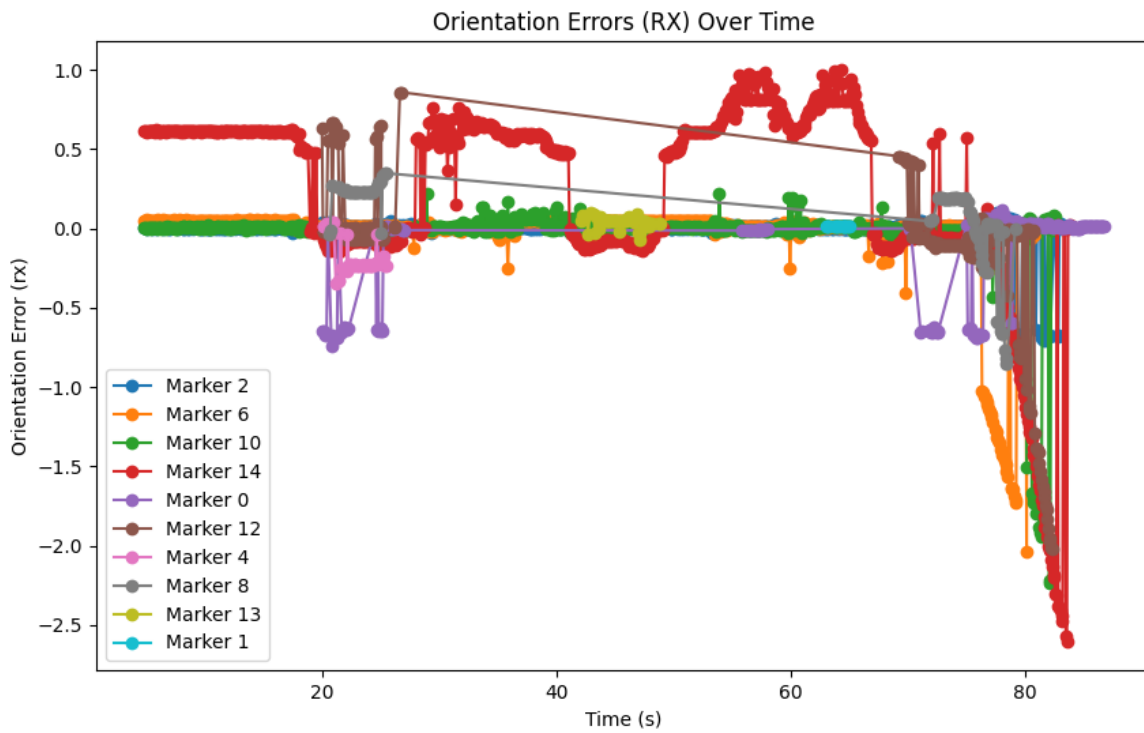
rz: Mean=-0.0031, Std=0.0319

Detection Analysis:

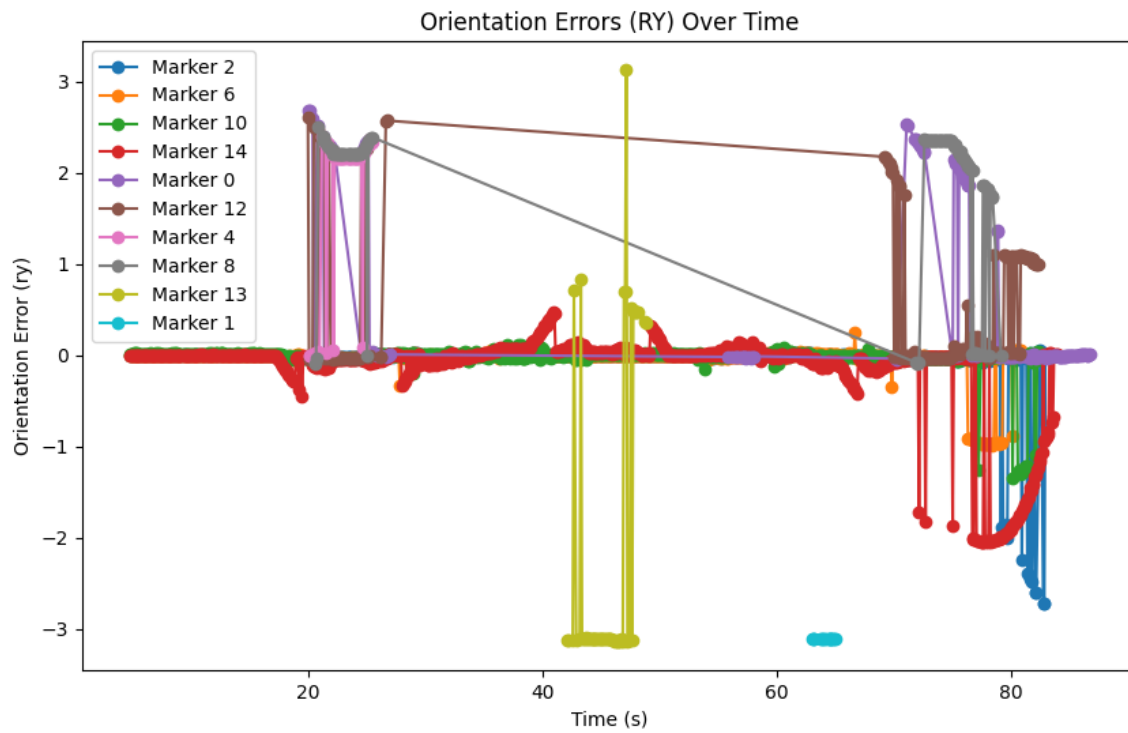
Mean Number of Detected Markers: 4.3731

Standard Deviation: 1.4892

## Orientation Errors (RX) Over Time



### Orientation Errors (RY) Over Time



## Orientation Errors (RZ) Over Time

