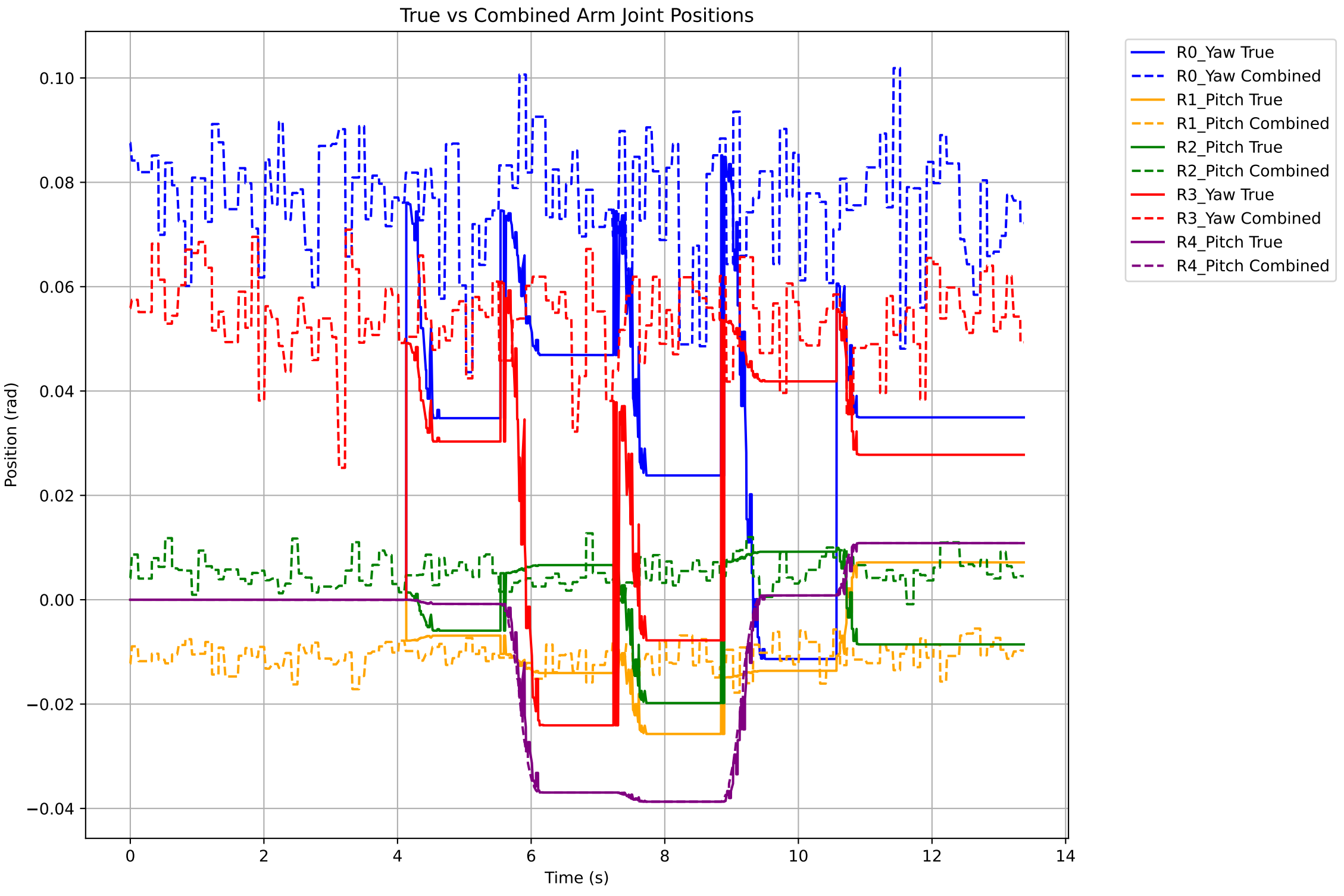
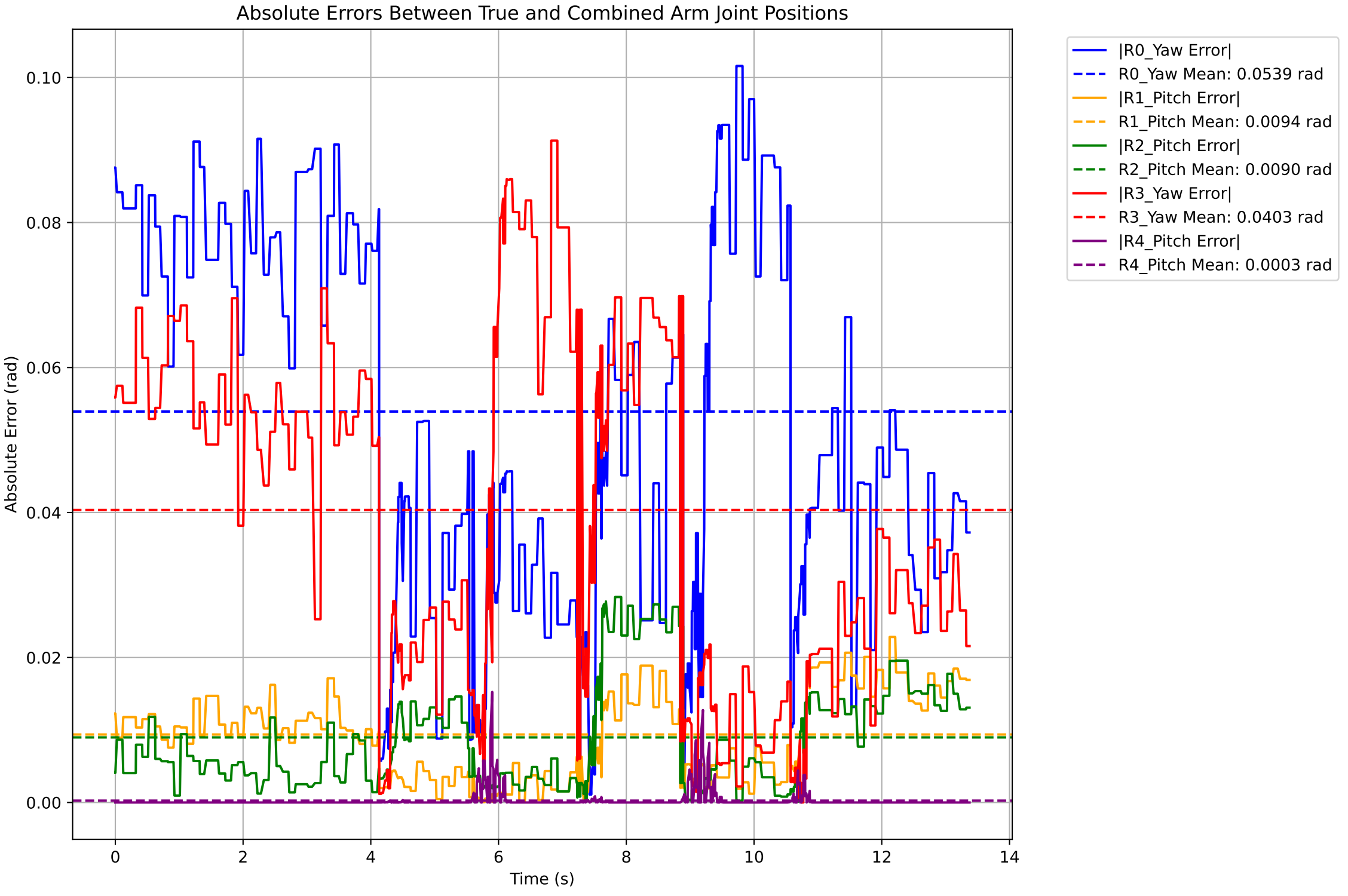

True vs Combined Arm Joint Positions
R0_Yaw True
R0_Yaw Combined
R1_Pitch True
R1_Pitch Combined
R2_Pitch True
R2_Pitch Combined
R3_Yaw True
R3_Yaw Combined
R4_Pitch True
R4_Pitch Combined
Position (rad)
Time (s)
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
0
2
4
6
8
10
12
14


Absolute Errors Between True and Combined Arm Joint Positions
Absolute Error (rad)
Time (s)
0.00
0.02
0.04
0.06
0.08
0.10
0
2
4
6
8
10
12
14
|R0_Yaw Error|
R0_Yaw Mean: 0.0539 rad
|R1_Pitch Error|
R1_Pitch Mean: 0.0094 rad
|R2_Pitch Error|
R2_Pitch Mean: 0.0090 rad
|R3_Yaw Error|
R3_Yaw Mean: 0.0403 rad
|R4_Pitch Error|
R4_Pitch Mean: 0.0003 rad

Statistical Analysis of Arm Joint Errors

Joint	Mean Error (rad)	Standard Deviation (rad)
R0_Yaw	0.0539	0.0255
R1_Pitch	0.0094	0.0059
R2_Pitch	0.0090	0.0072
R3_Yaw	0.0403	0.0234
R4_Pitch	0.0003	0.0012