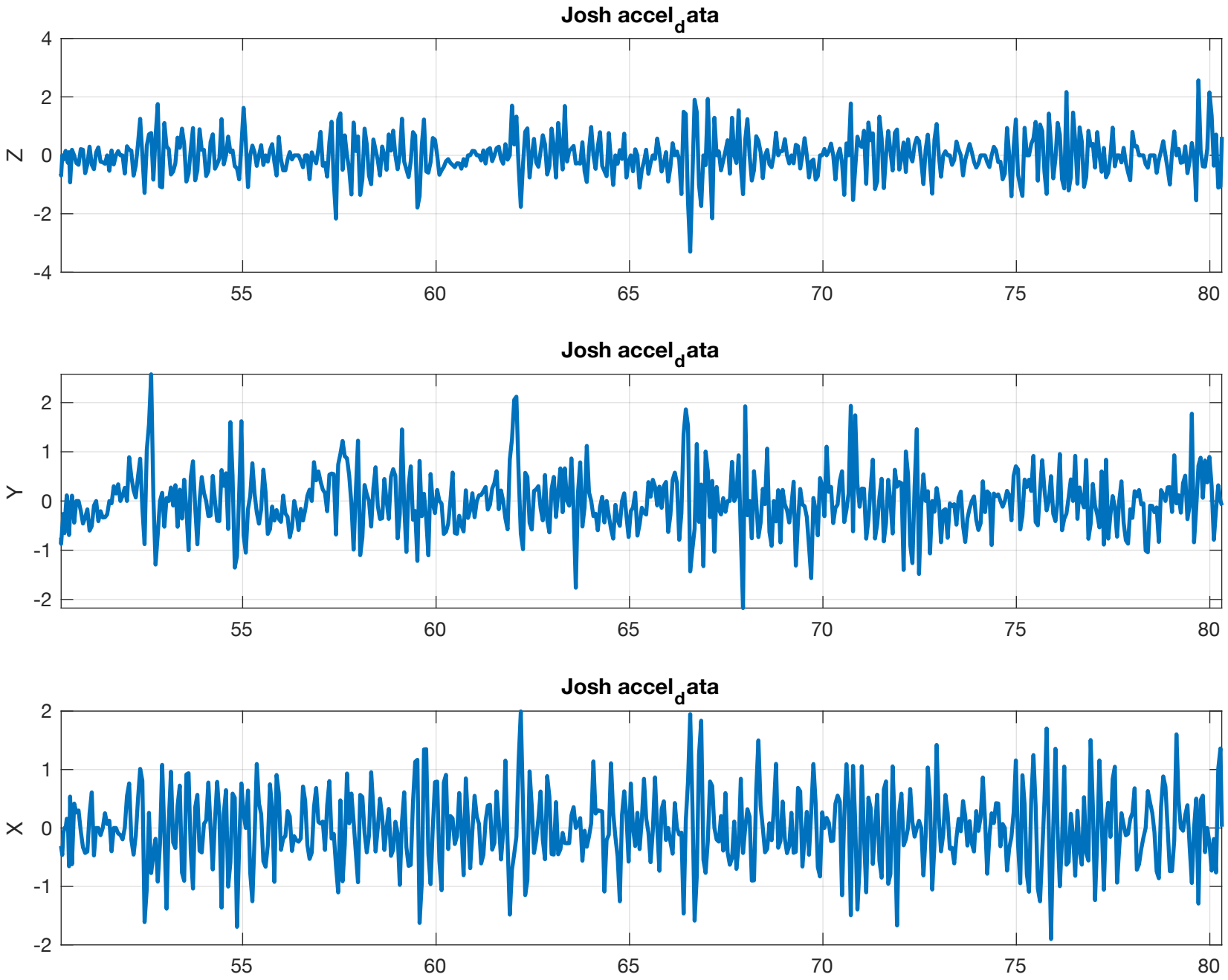
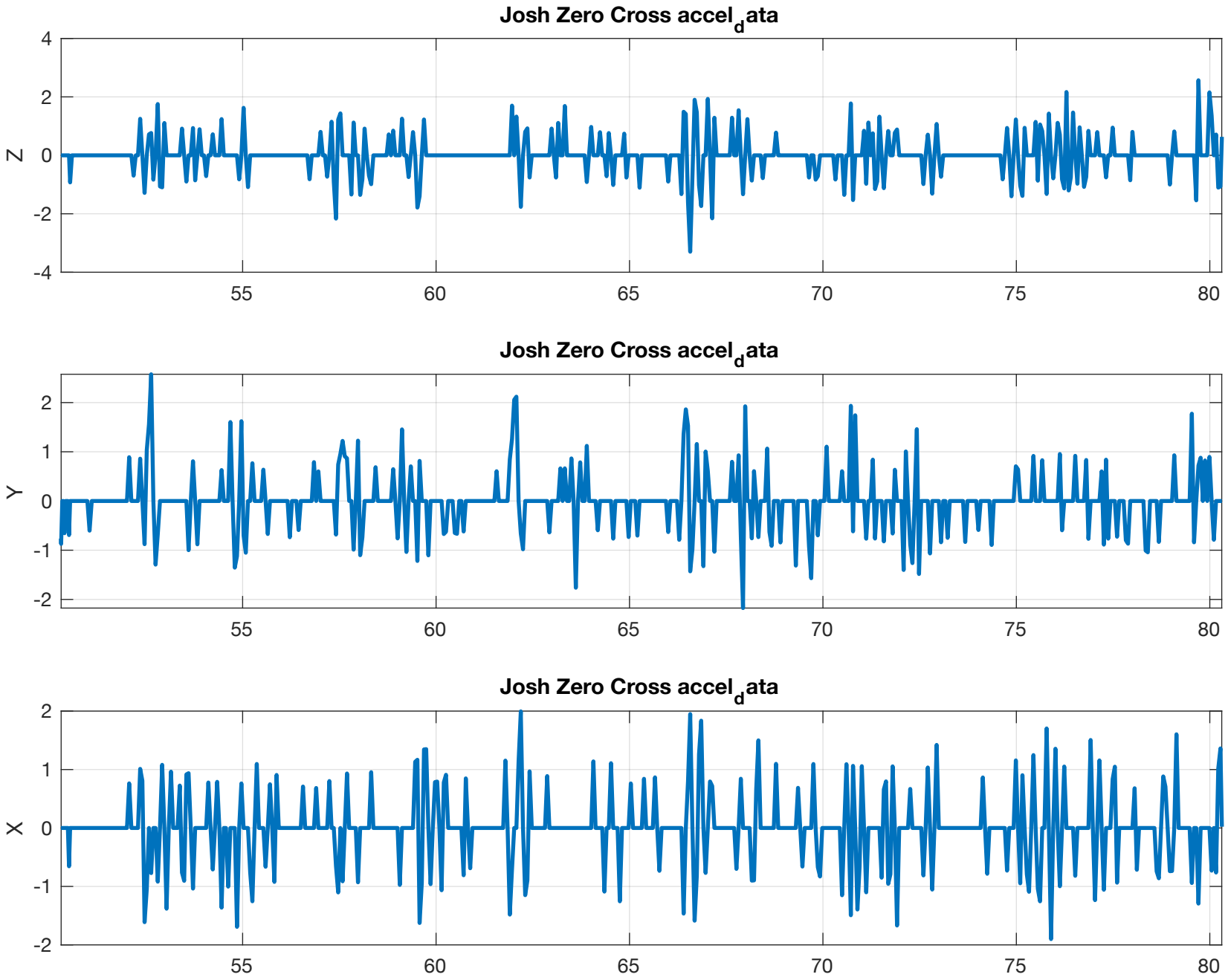
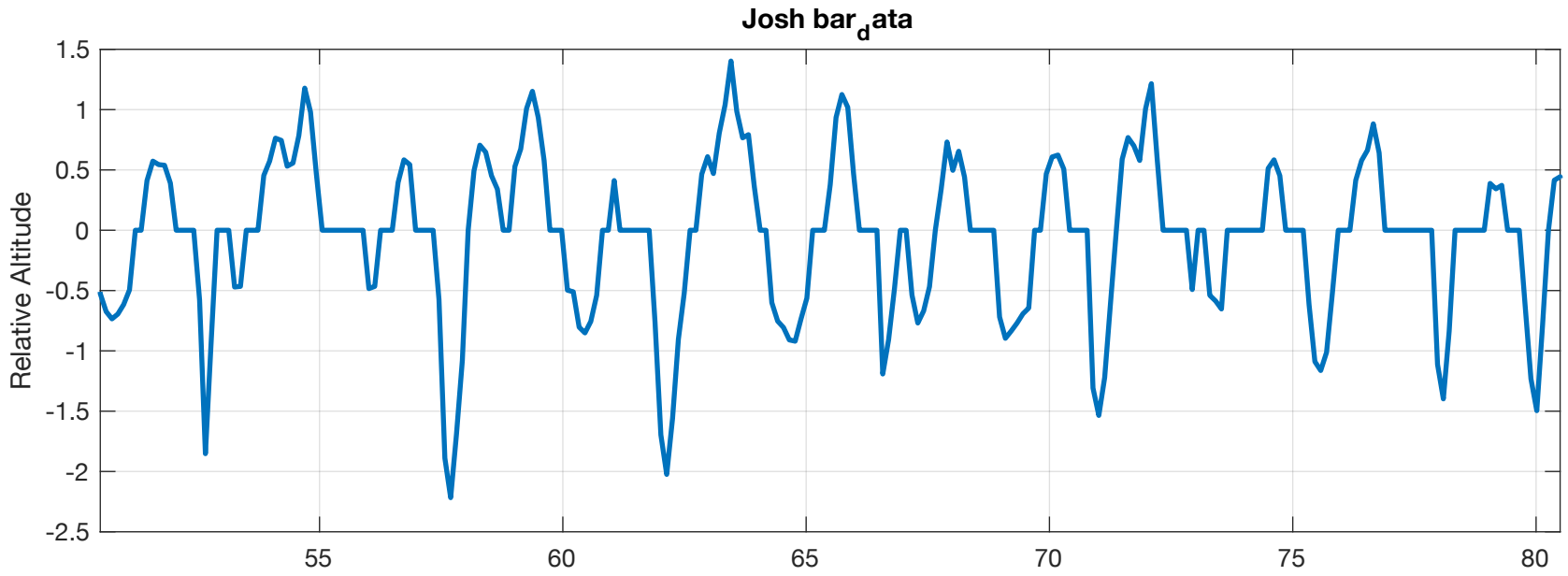
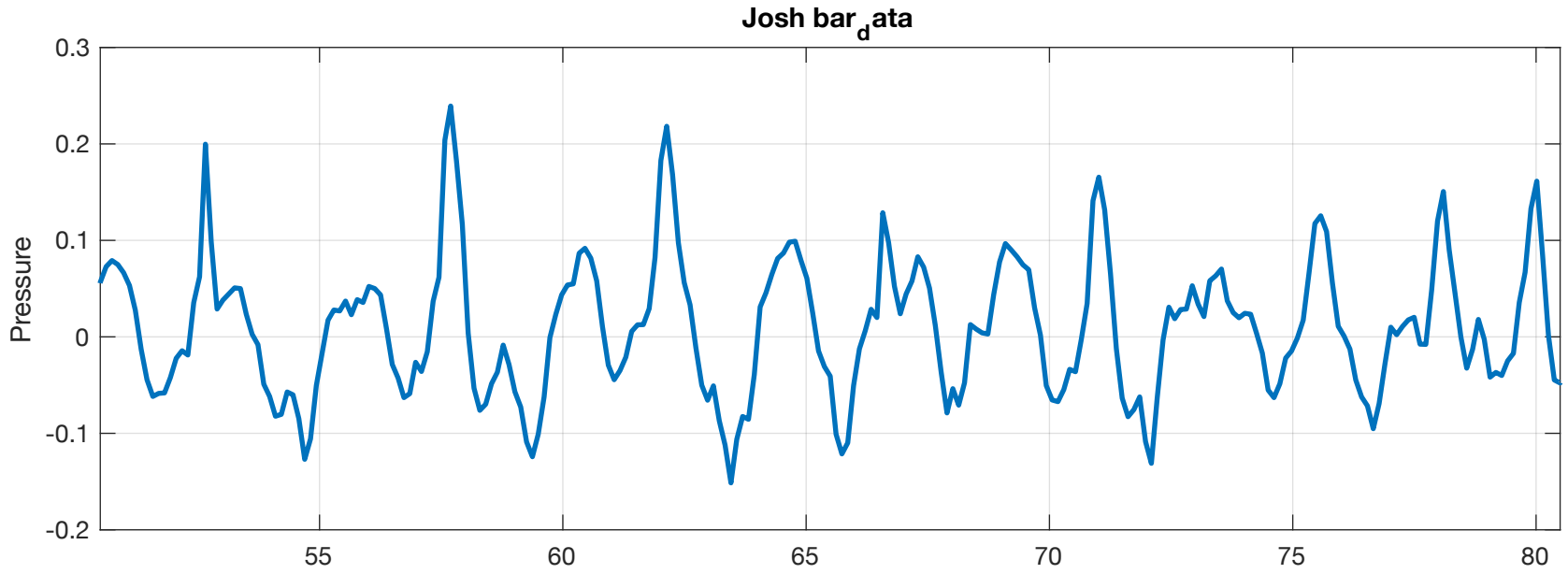
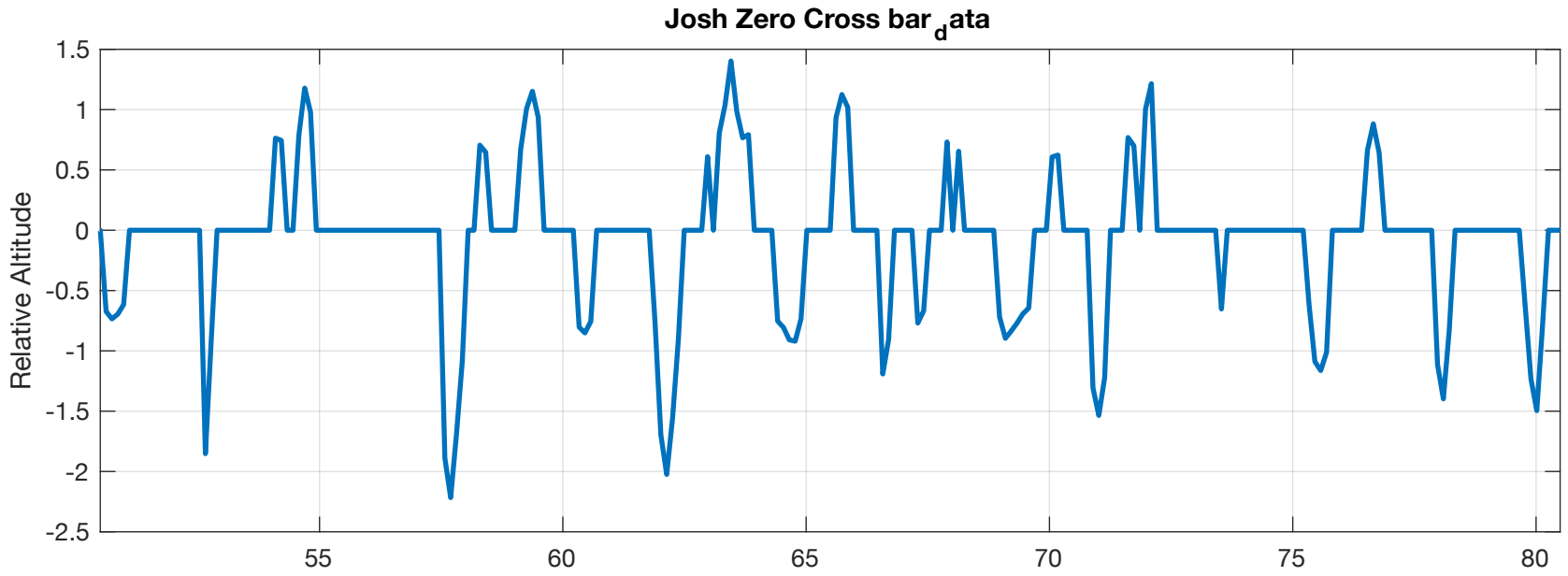

Josh accel_data
Z
4
2
0
-2
-4
55
60
65
70
75
80
Josh accel_data
Y
2
1
0
-1
-2
55
60
65
70
75
80
Josh accel_data
X
2
1
0
-1
-2
55
60
65
70
75
80

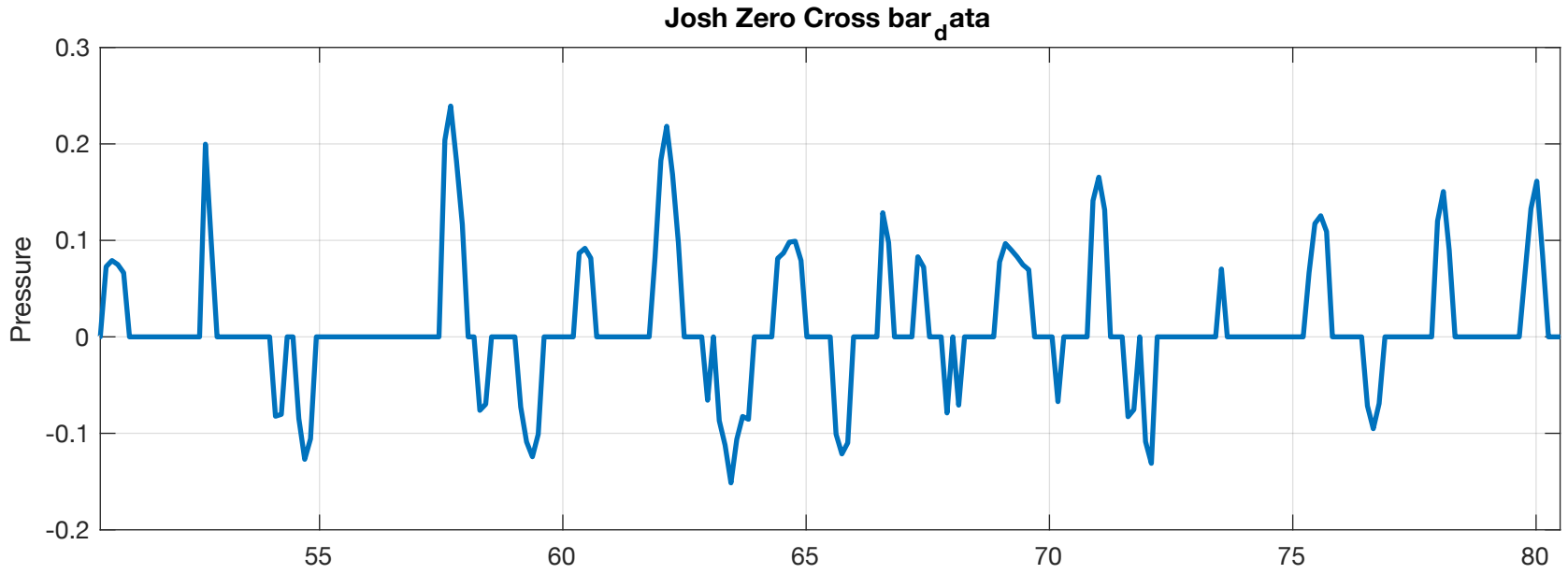

Josh Zero Cross accel_data
Z
4
2
0
-2
-4
55
60
65
70
75
80
Josh Zero Cross accel_data
Y
2
1
0
-1
-2
55
60
65
70
75
80
Josh Zero Cross accel_data
X
2
1
0
-1
-2
55
60
65
70
75
80

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-354	-301	-96	-115.5000	"accel_data"
'Y'	-376	-306	-106	-134	"accel_data"
'X'	-332	-294	-96	-116.7500	"accel_data"

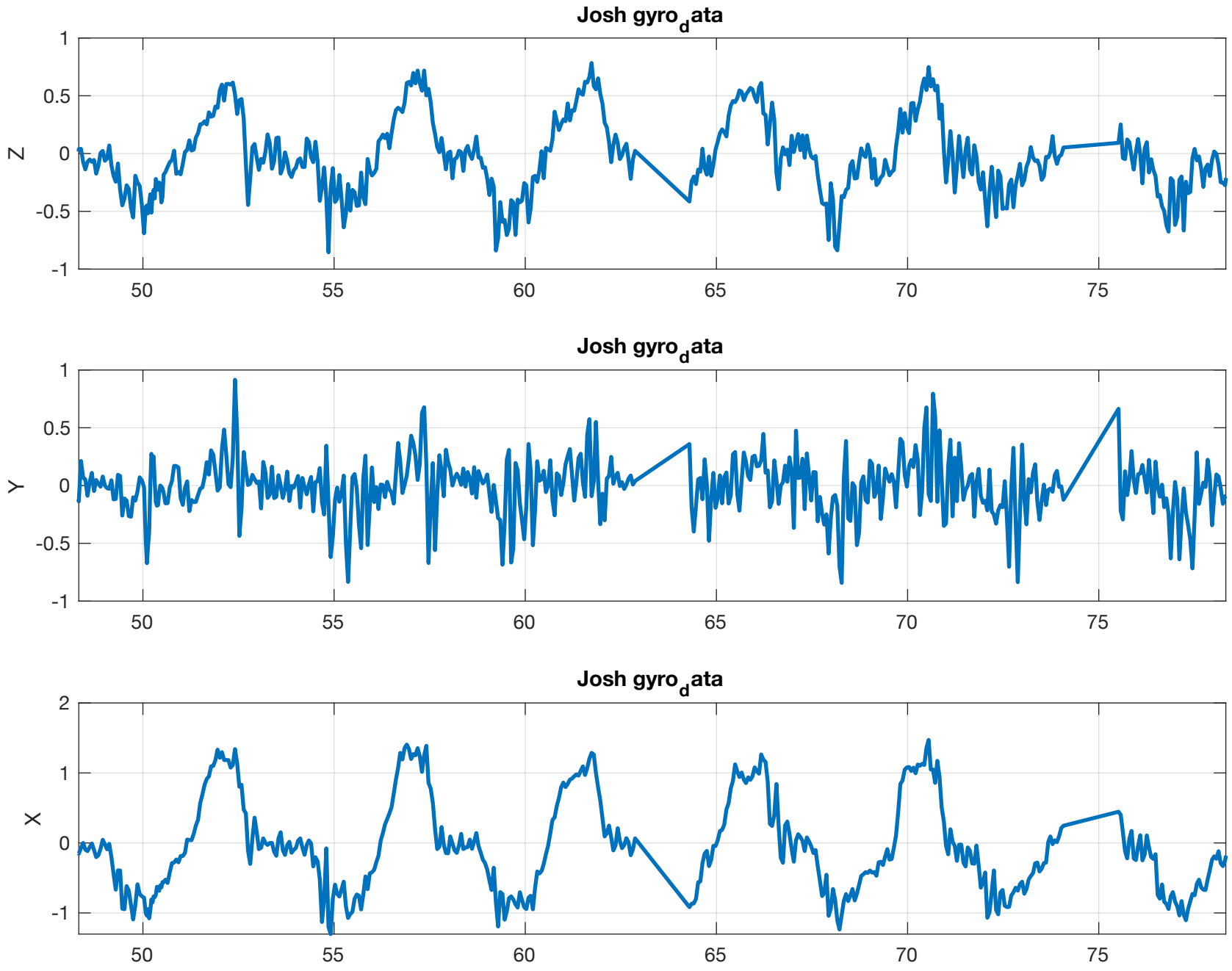

Josh bar_data
Relative Altitude
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
55
60
65
70
75
80

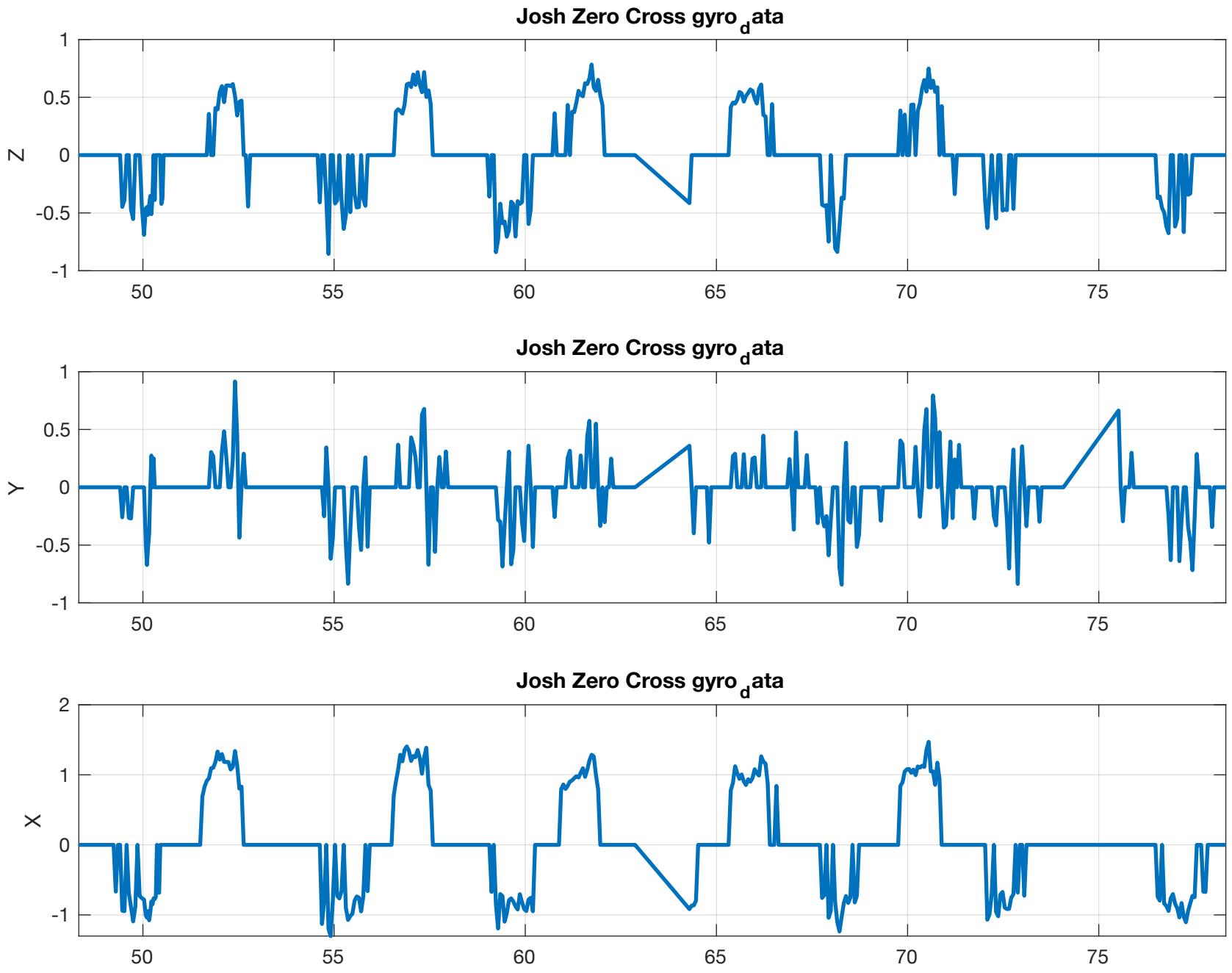

Josh bar_data
Pressure
0.3
0.2
0.1
0
-0.1
-0.2
55
60
65
70
75
80


Josh Zero Cross bar_data
Relative Altitude
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
55
60
65
70
75
80

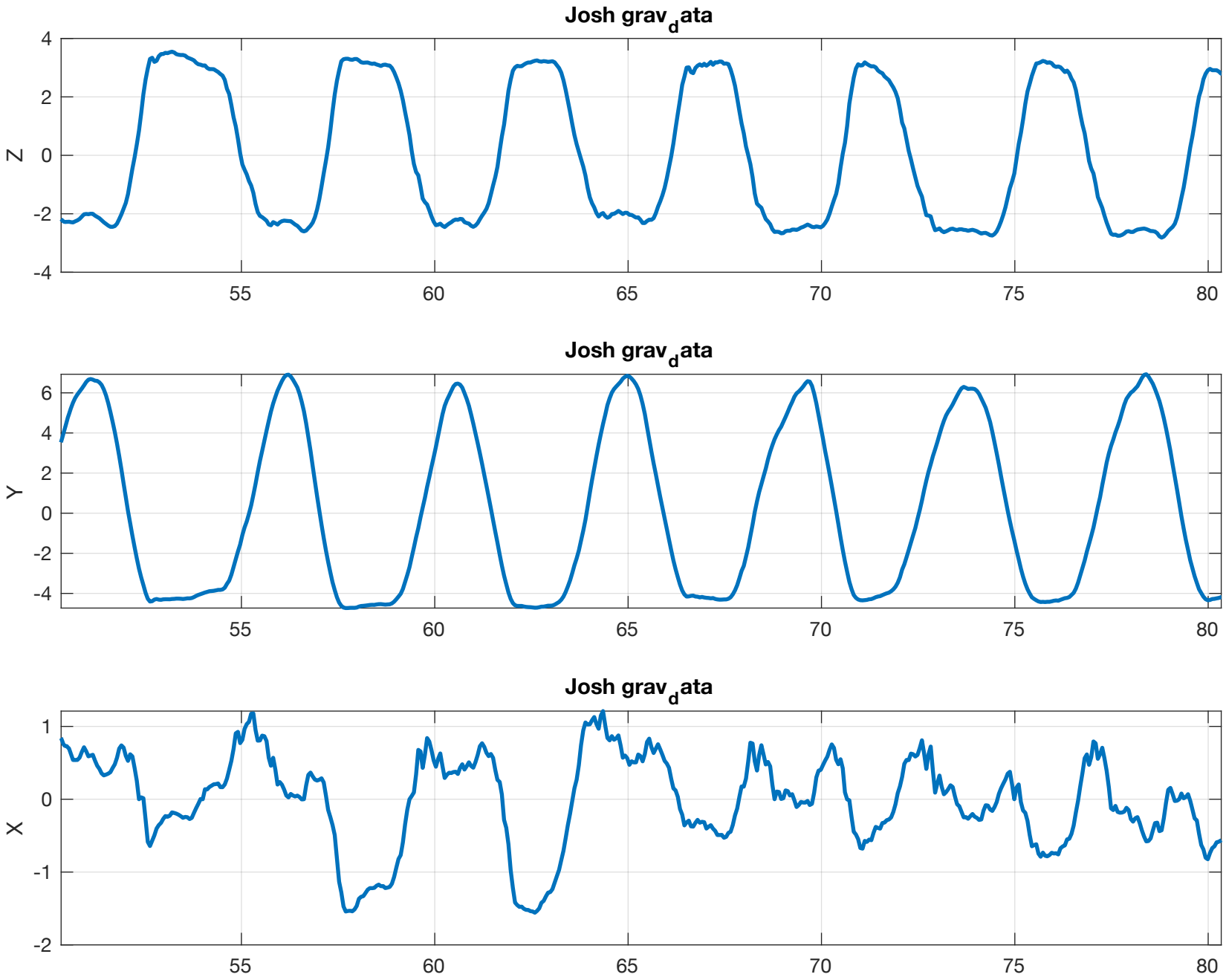

Josh Zero Cross bar_data
Pressure
0.3
0.2
0.1
0
-0.1
-0.2
55
60
65
70
75
80

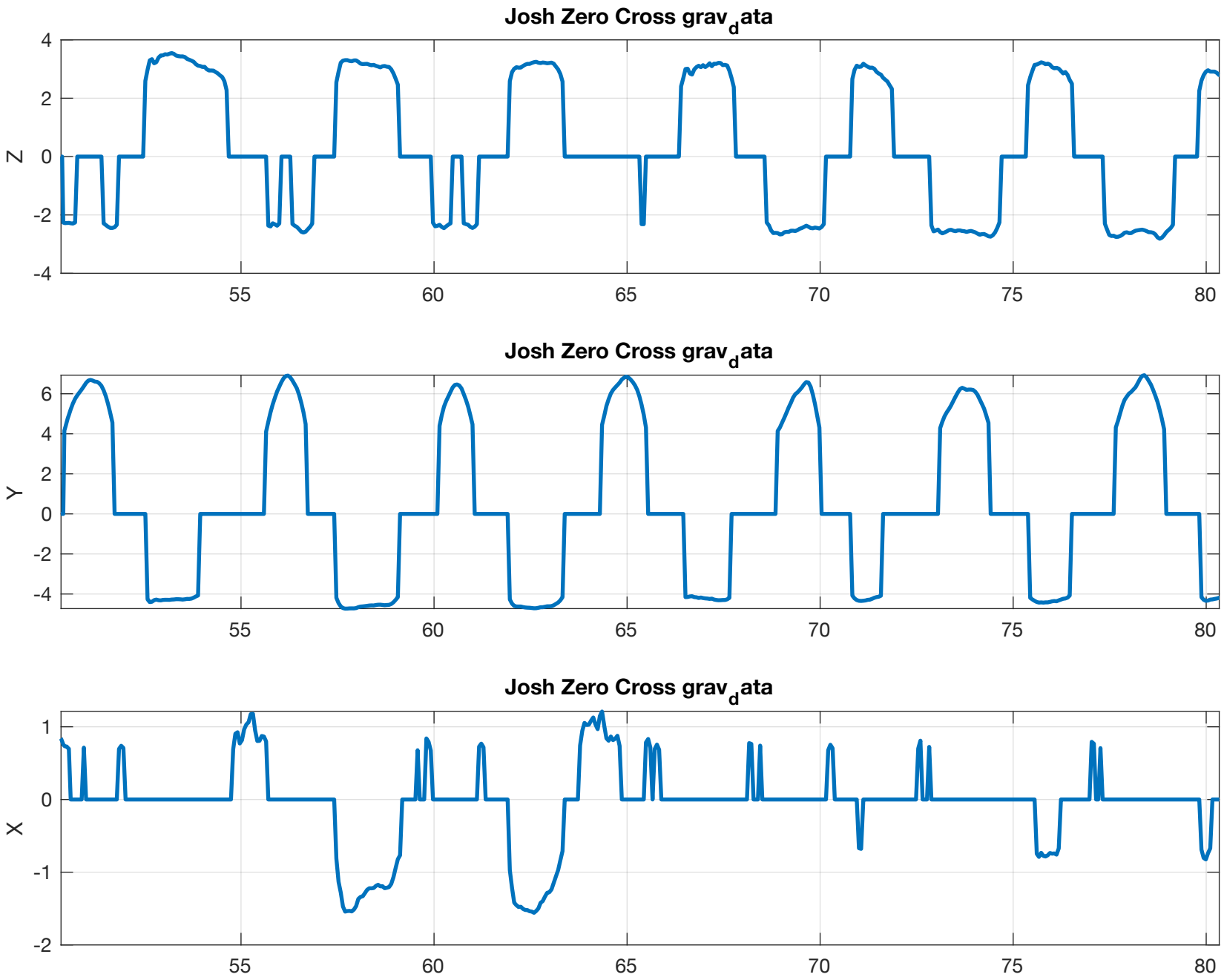
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-44	-37	-3	-9.7500	"bar_data"
"Pressure"	-80	-47	-14	-9.7500	"bar_data"


Josh gyro_data
Z
1
0.5
0
-0.5
-1
50
55
60
65
70
75
Josh gyro_data
Y
1
0.5
0
-0.5
-1
50
55
60
65
70
75
Josh gyro_data
X
2
1
0
-1
50
55
60
65
70
75

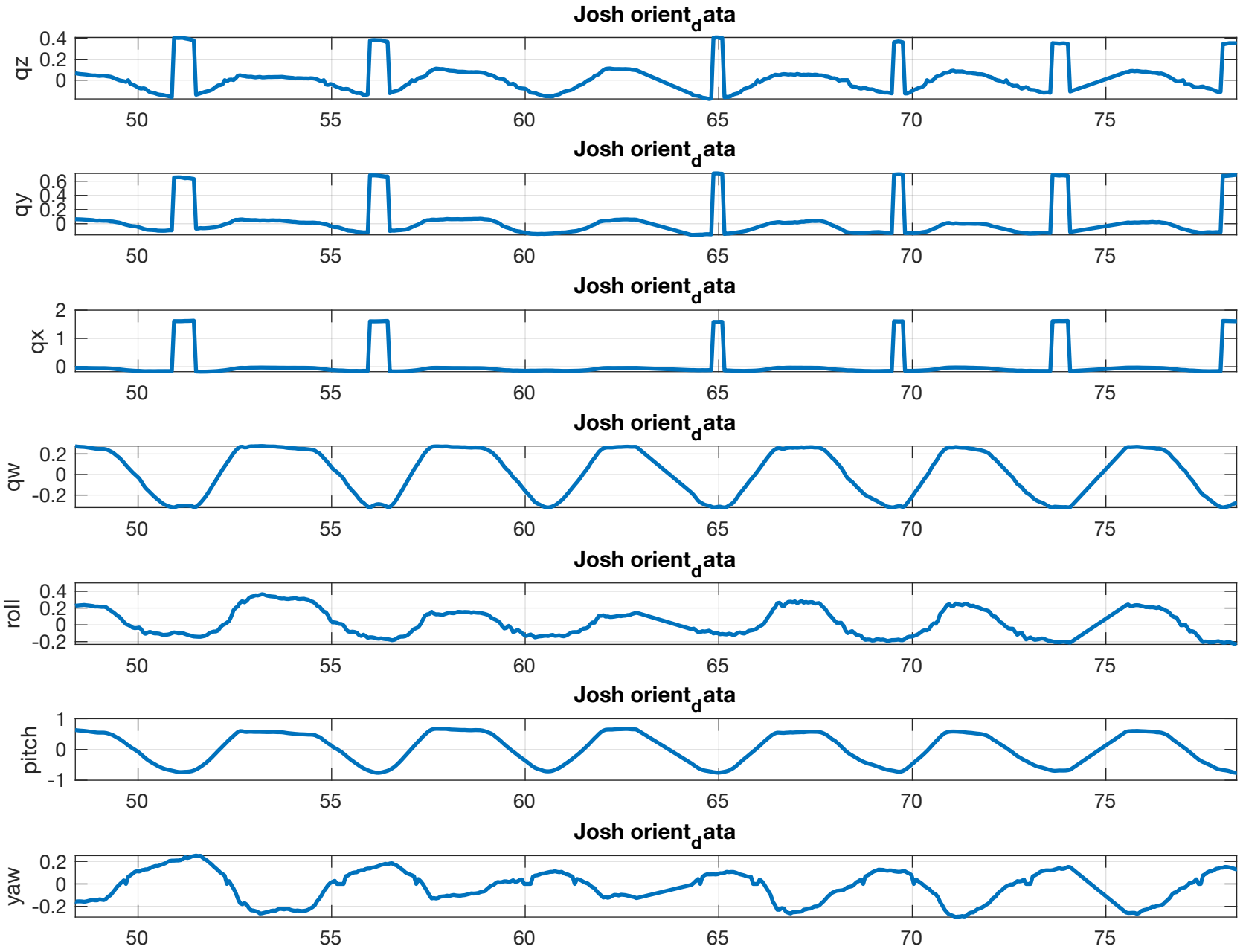

Josh Zero Cross gyro_data
Z
1
0.5
0
-0.5
-1
50
55
60
65
70
75
Josh Zero Cross gyro_data
Y
1
0.5
0
-0.5
-1
50
55
60
65
70
75
Josh Zero Cross gyro_data
X
2
1
0
-1
50
55
60
65
70
75

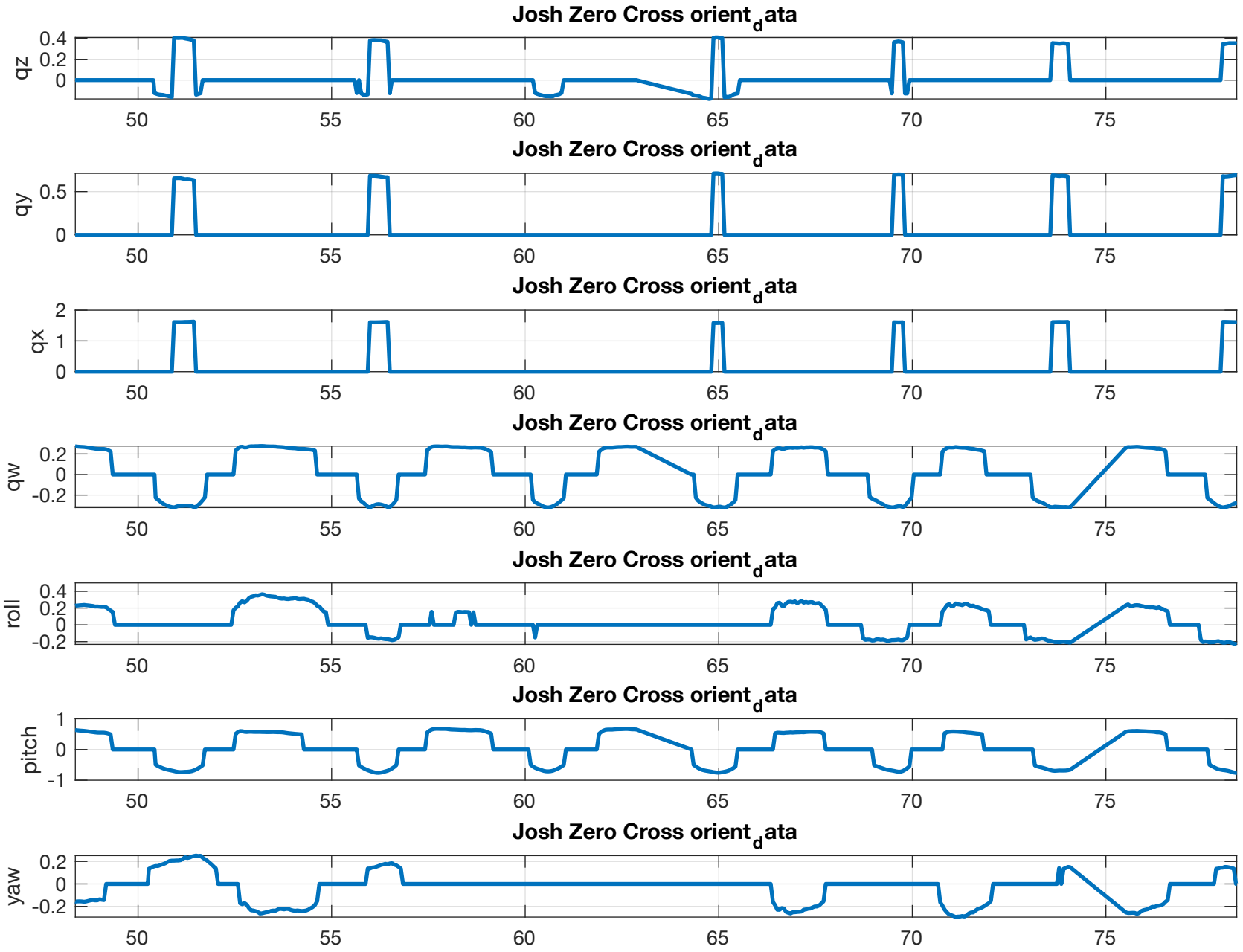
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-286	-171	-38	-31	"gyro_data"
'Y'	-290	-252	-81	-77	"gyro_data"
'X'	-240	-118	-25	-19.5000	"gyro_data"


Josh grav_data
Z
4
2
0
-2
-4
55
60
65
70
75
80
Josh grav_data
Y
6
4
2
0
-2
-4
55
60
65
70
75
80
Josh grav_data
X
1
0
-1
-2
55
60
65
70
75
80


Josh Zero Cross grav_data
Z
4
2
0
-2
-4
55
60
65
70
75
80
Josh Zero Cross grav_data
Y
6
4
2
0
-2
-4
55
60
65
70
75
80
Josh Zero Cross grav_data
X
1
0
-1
-2
55
60
65
70
75
80

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-113	-54	-1	-2	"grav_data"
'Y'	-36	-4	2	0.5000	"grav_data"
'X'	-177	-117	-20	-5.2500	"grav_data"


Josh orientdata
qz
0.4
0.2
0
50
55
60
65
70
75
Josh orientdata
qy
0.6
0.4
0.2
0
50
55
60
65
70
75
Josh orientdata
qx
2
1
0
50
55
60
65
70
75
Josh orientdata
qw
0.2
0
-0.2
50
55
60
65
70
75
Josh orientdata
roll
0.4
0.2
0
-0.2
50
55
60
65
70
75
Josh orientdata
pitch
1
0
-1
50
55
60
65
70
75
Josh orientdata
yaw
0.2
0
-0.2
50
55
60
65
70
75


Josh Zero Cross orientdata
qz
0.4
0.2
0
50
55
60
65
70
75
Josh Zero Cross orientdata
qy
0.5
0
50
55
60
65
70
75
Josh Zero Cross orientdata
qx
2
1
0
50
55
60
65
70
75
Josh Zero Cross orientdata
qw
0.2
0
-0.2
50
55
60
65
70
75
Josh Zero Cross orientdata
roll
0.4
0.2
0
-0.2
50
55
60
65
70
75
Josh Zero Cross orientdata
pitch
1
0
-1
50
55
60
65
70
75
Josh Zero Cross orientdata
yaw
0.2
0
-0.2
50
55
60
65
70
75

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-130	-77	-17	0	"orient_data"
'qy'	-105	-72	-15	8.5000	"orient_data"
'qx'	-100	-5	4	10	"orient_data"
'qw'	-51	-37	0	0.5000	"orient_data"
'roll'	-164	-79	-10	1	"orient_data"
'pitch'	-25	-21	5	0.2500	"orient_data"
'yaw'	-120	-73	-4	5	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Z"	'double_findpeaks'	96
'bar_data'	"Relative Altitude"	'double_findpeaks'	3
'gyro_data'	"X"	'zero_cross'	19.5
'grav_data'	"Y"	'zero_cross'	0.5
'orient_data'	"qw"	'double_findpeaks'	0