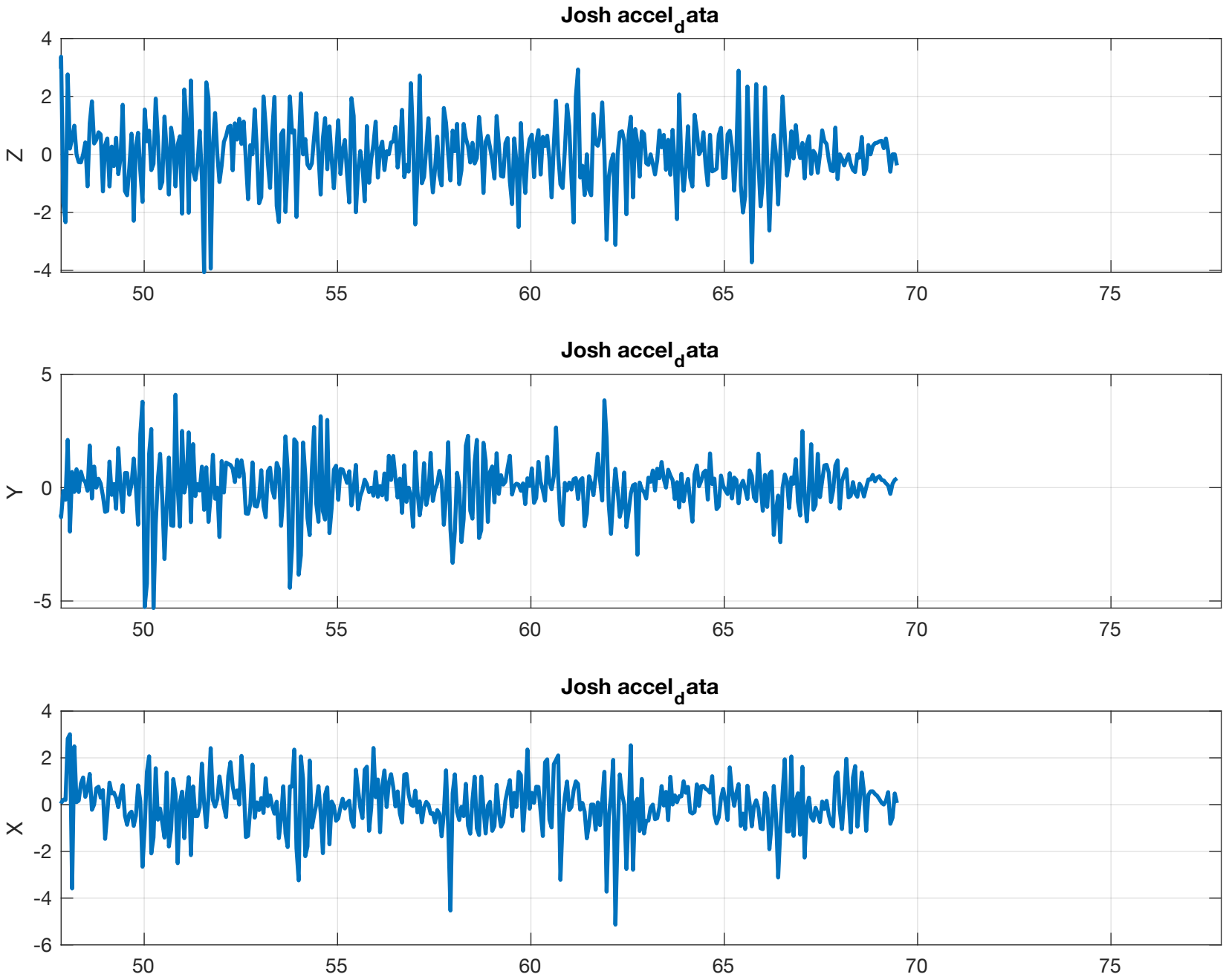
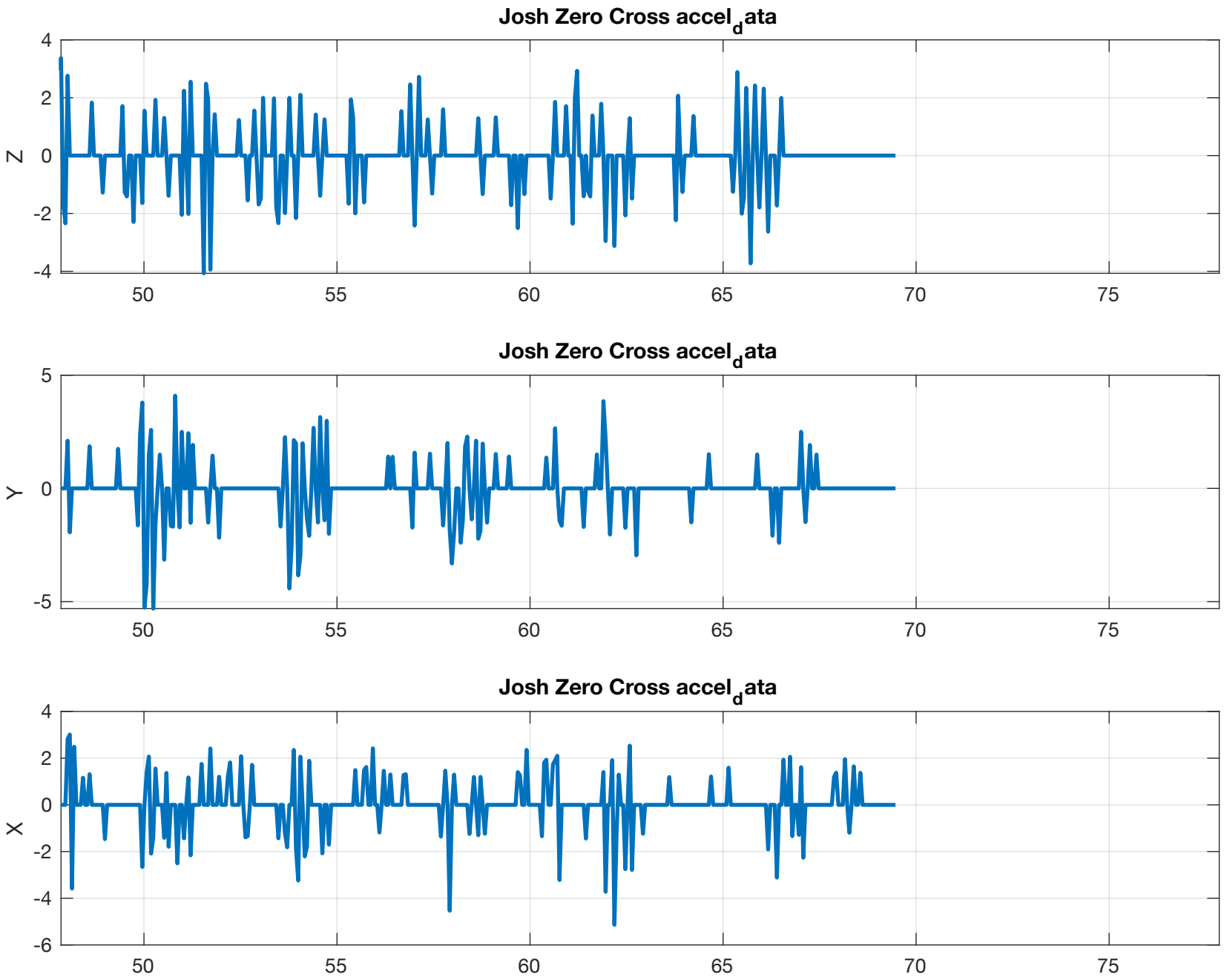
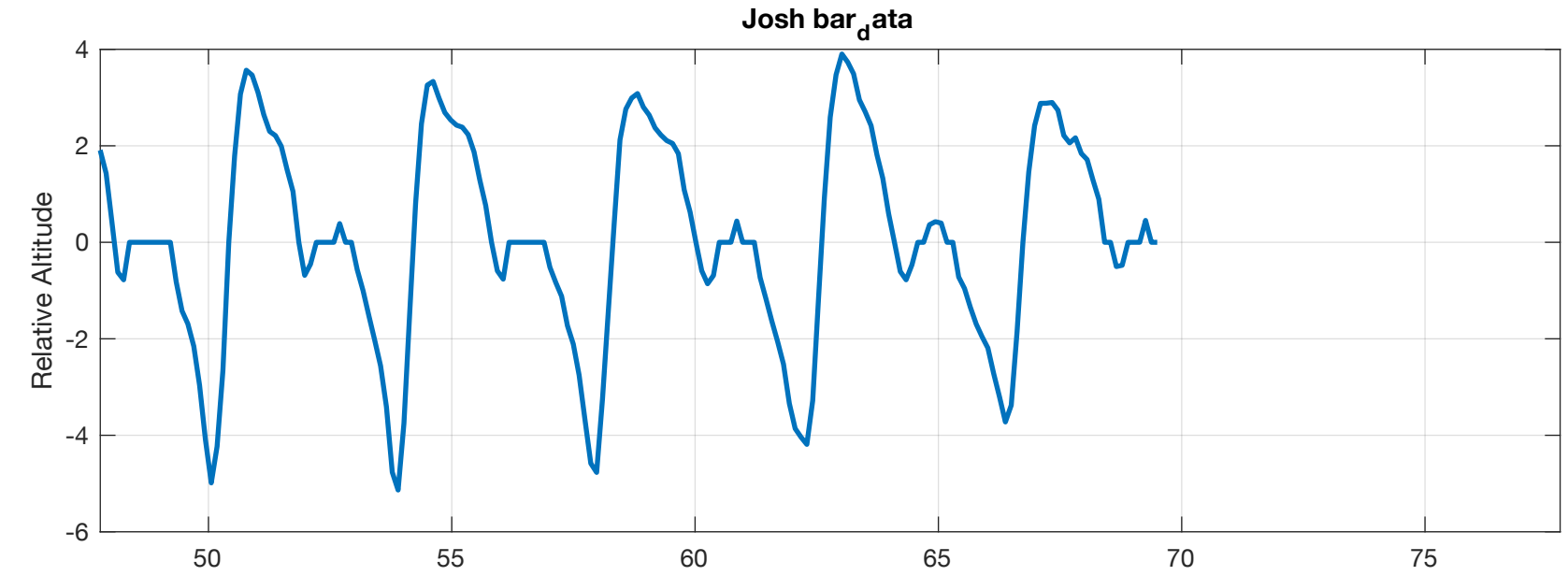
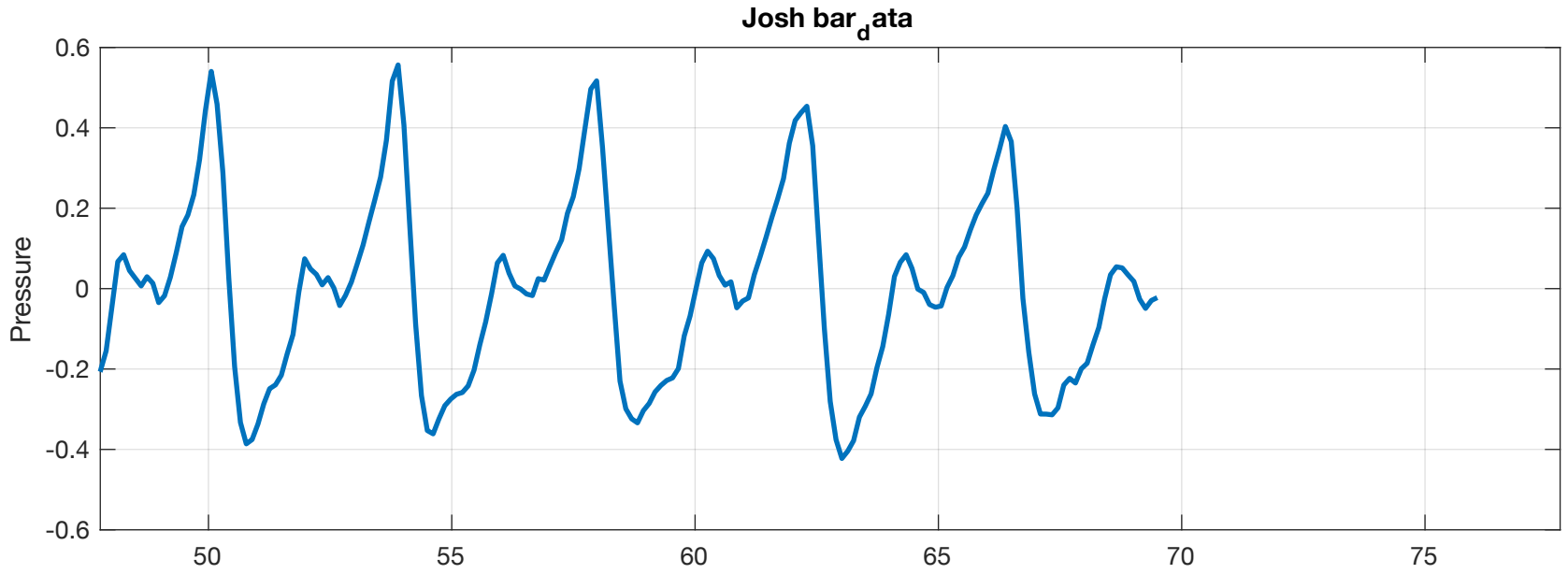
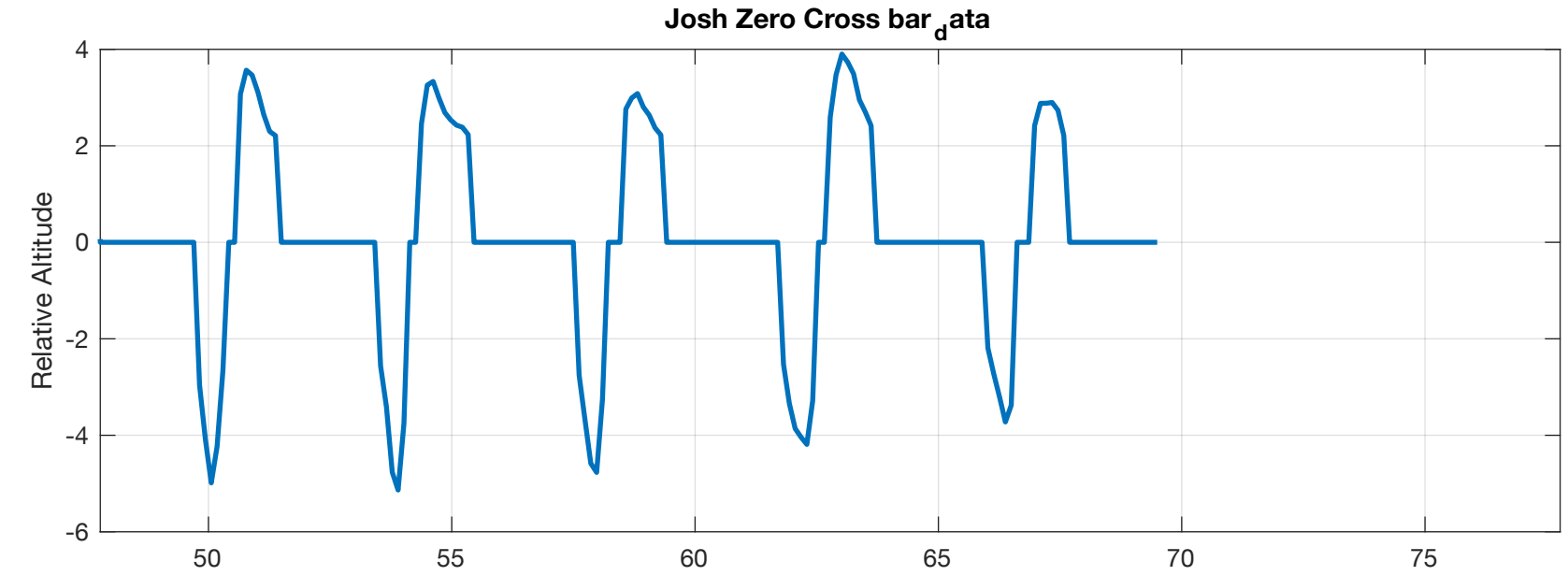

Josh accel_data
Z
4
2
0
-2
-4
50
55
60
65
70
75
Josh accel_data
Y
5
0
-5
50
55
60
65
70
75
Josh accel_data
X
4
2
0
-2
-4
-6
50
55
60
65
70
75

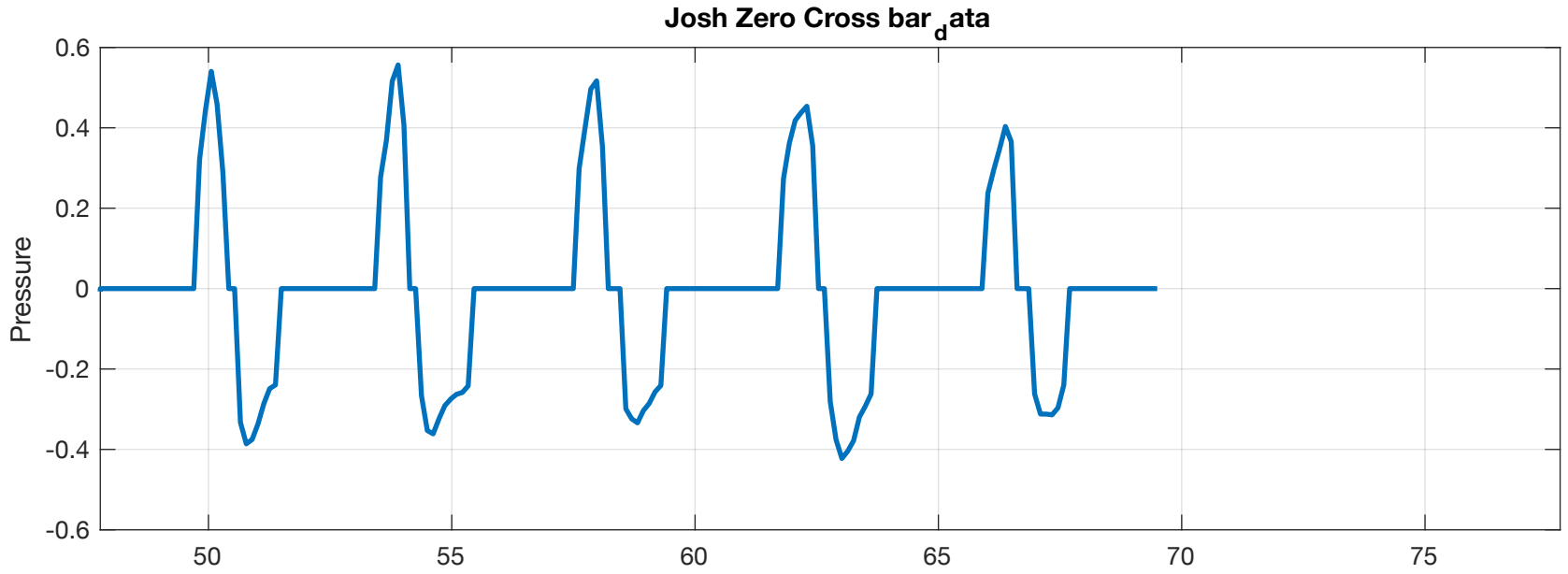

Josh Zero Cross accel_data
Z
4
2
0
-2
-4
50
55
60
65
70
75
Josh Zero Cross accel_data
Y
5
0
-5
50
55
60
65
70
75
Josh Zero Cross accel_data
X
4
2
0
-2
-4
-6
50
55
60
65
70
75

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-142	-131	-43	-52.5000	"accel_data"
'Y'	-150	-141	-41	-44.5000	"accel_data"
'X'	-149	-135	-41	-52.5000	"accel_data"

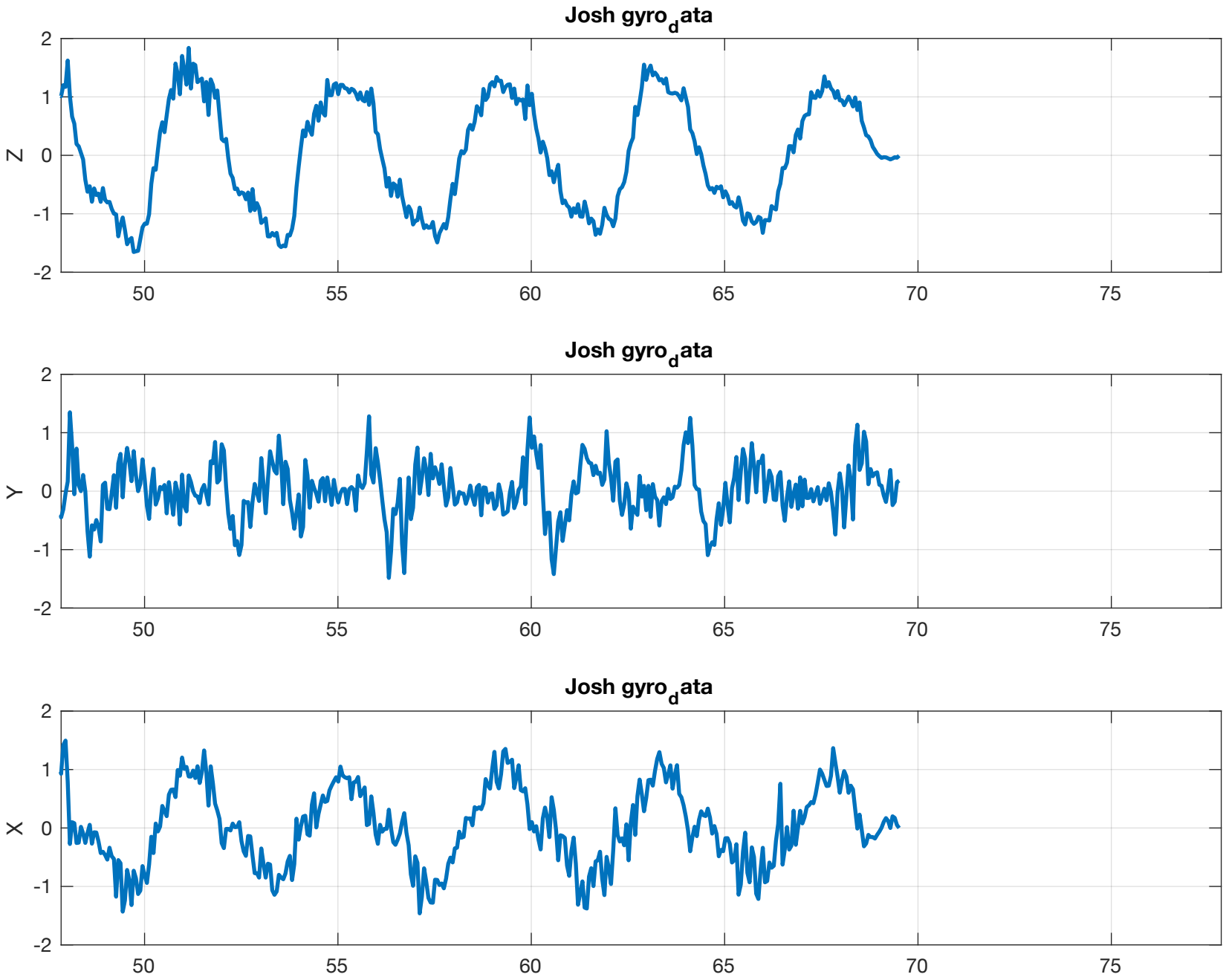

Josh bar_data
Relative Altitude
4
2
0
-2
-4
-6
50
55
60
65
70
75

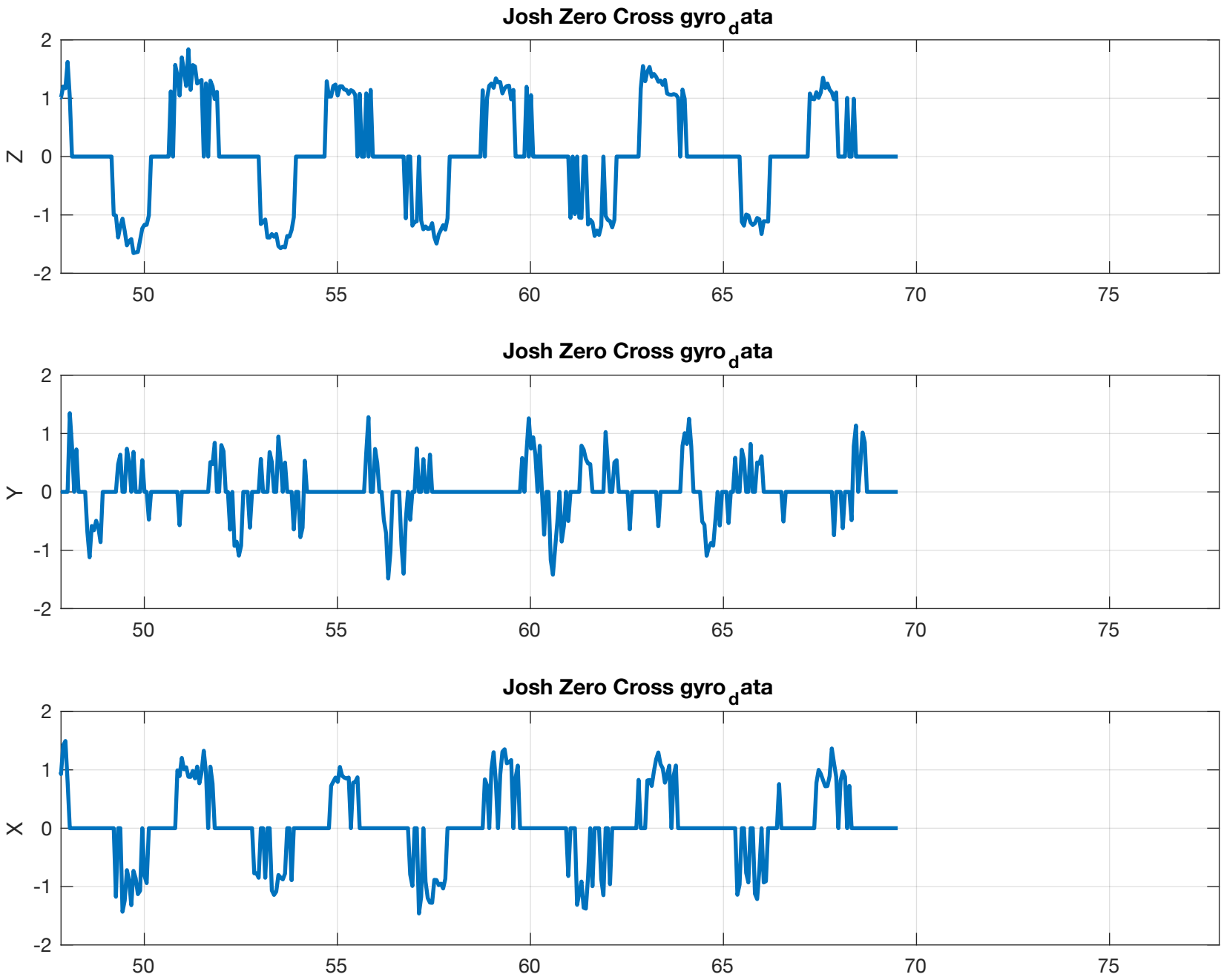

Josh bar_data
Pressure
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
50
55
60
65
70
75


Josh Zero Cross bar_data
Relative Altitude
4
2
0
-2
-4
-6
50
55
60
65
70
75

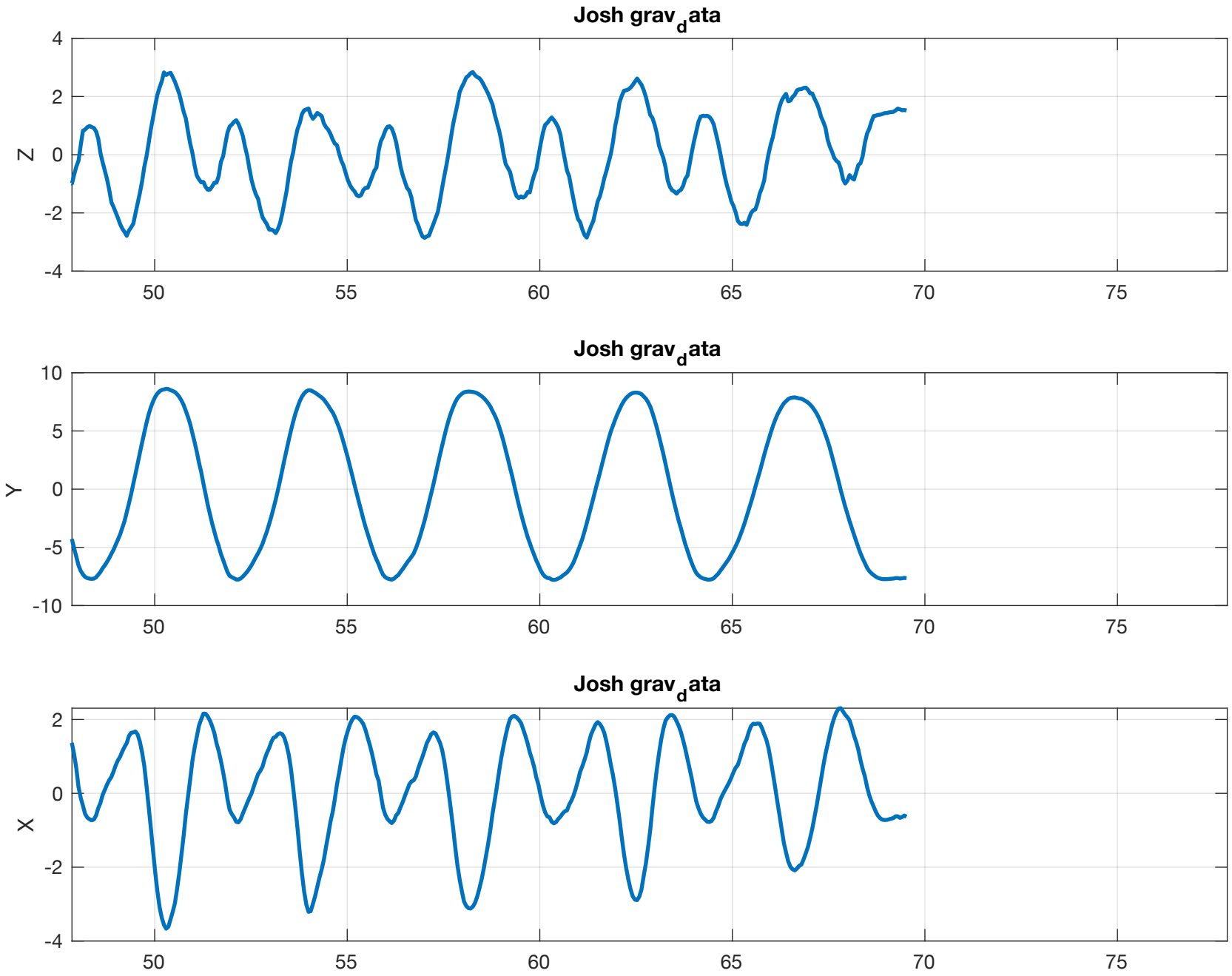

Josh Zero Cross bar_data
Pressure
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
50
55
60
65
70
75

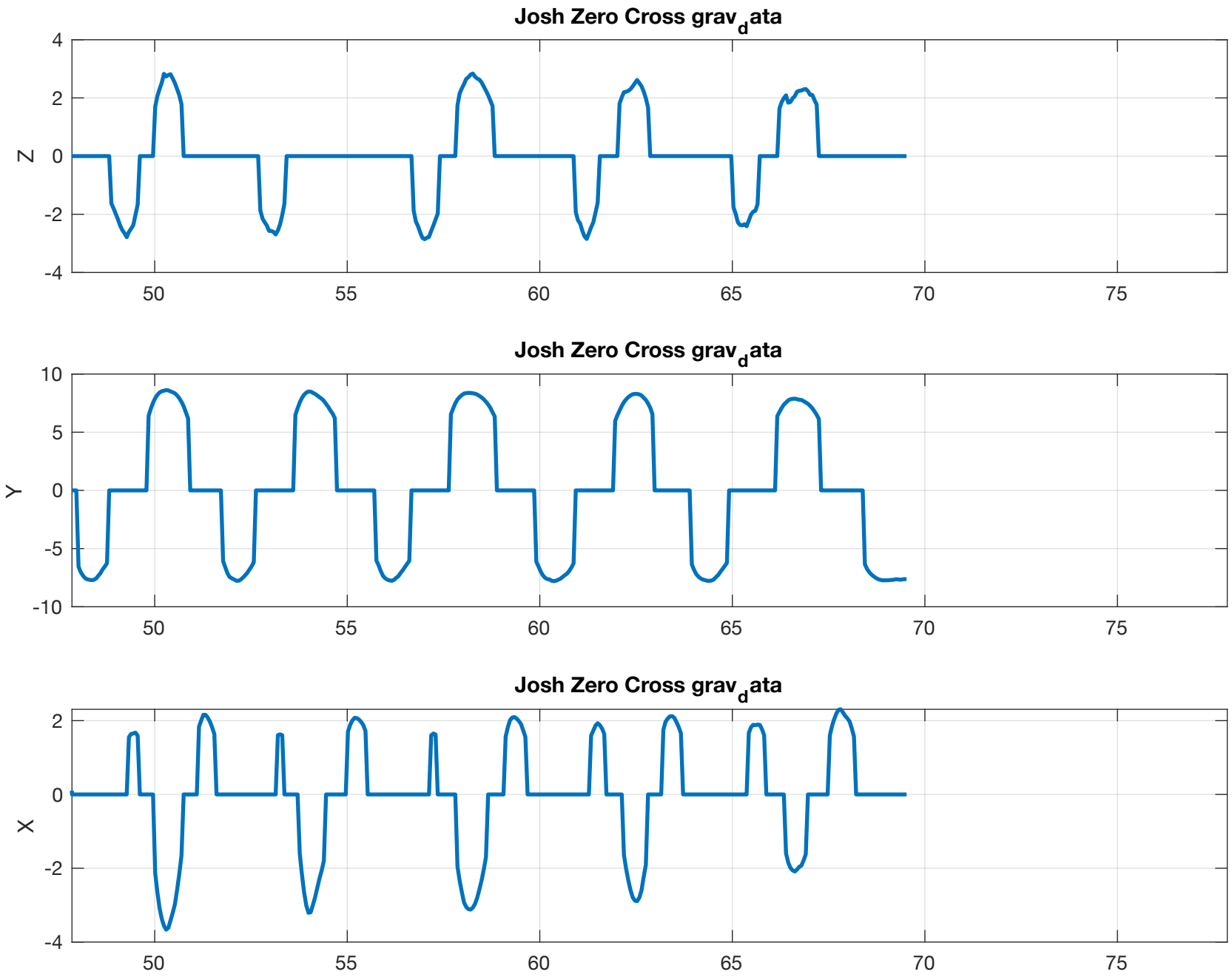
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-9	-5	0	0	"bar_data"
"Pressure"	-14	-13	0	0	"bar_data"


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

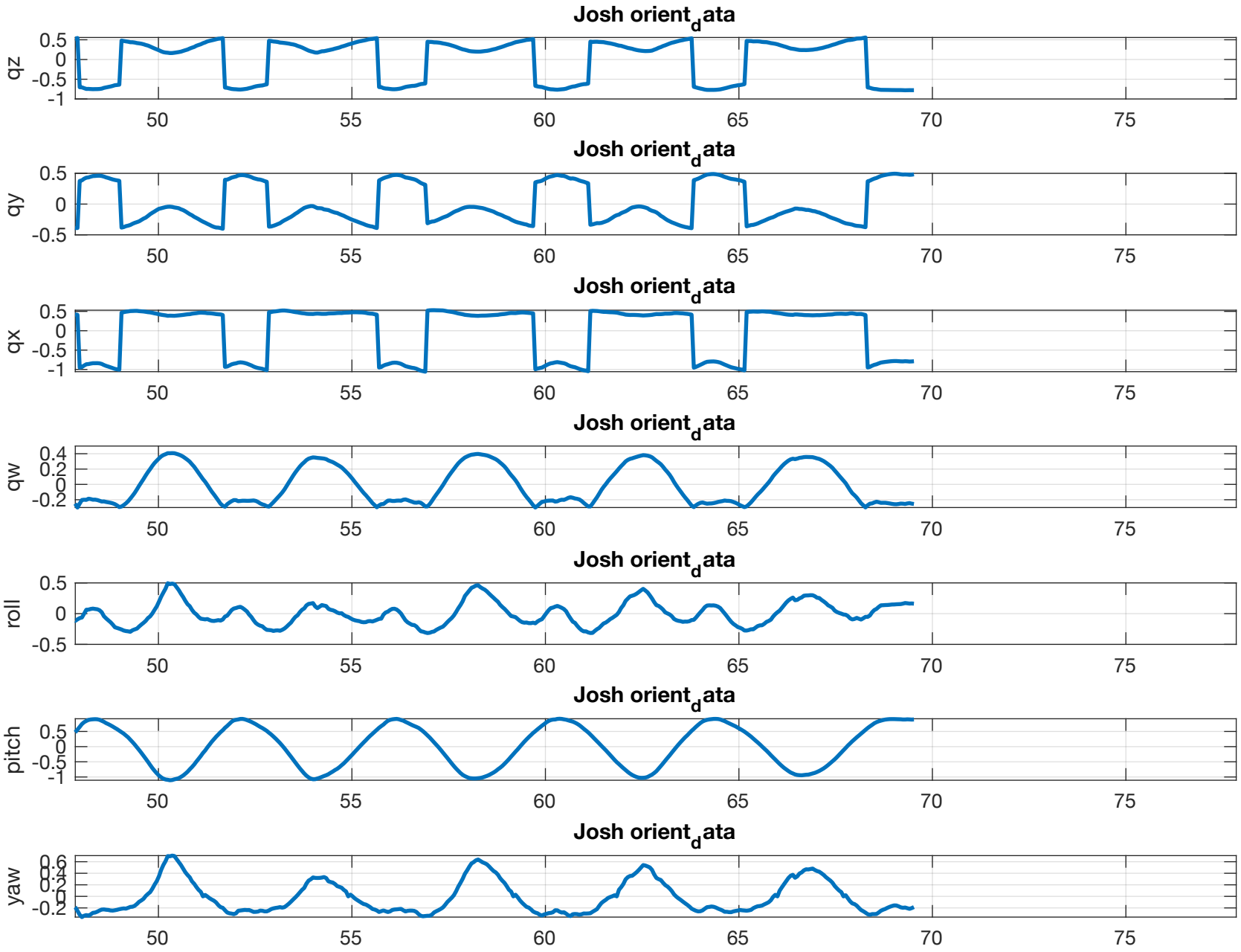

Josh Zero Cross gyro_data
Z
2
1
0
-1
-2
50
55
60
65
70
75
Josh Zero Cross gyro_data
Y
2
1
0
-1
-2
50
55
60
65
70
75
Josh Zero Cross gyro_data
X
2
1
0
-1
-2
50
55
60
65
70
75

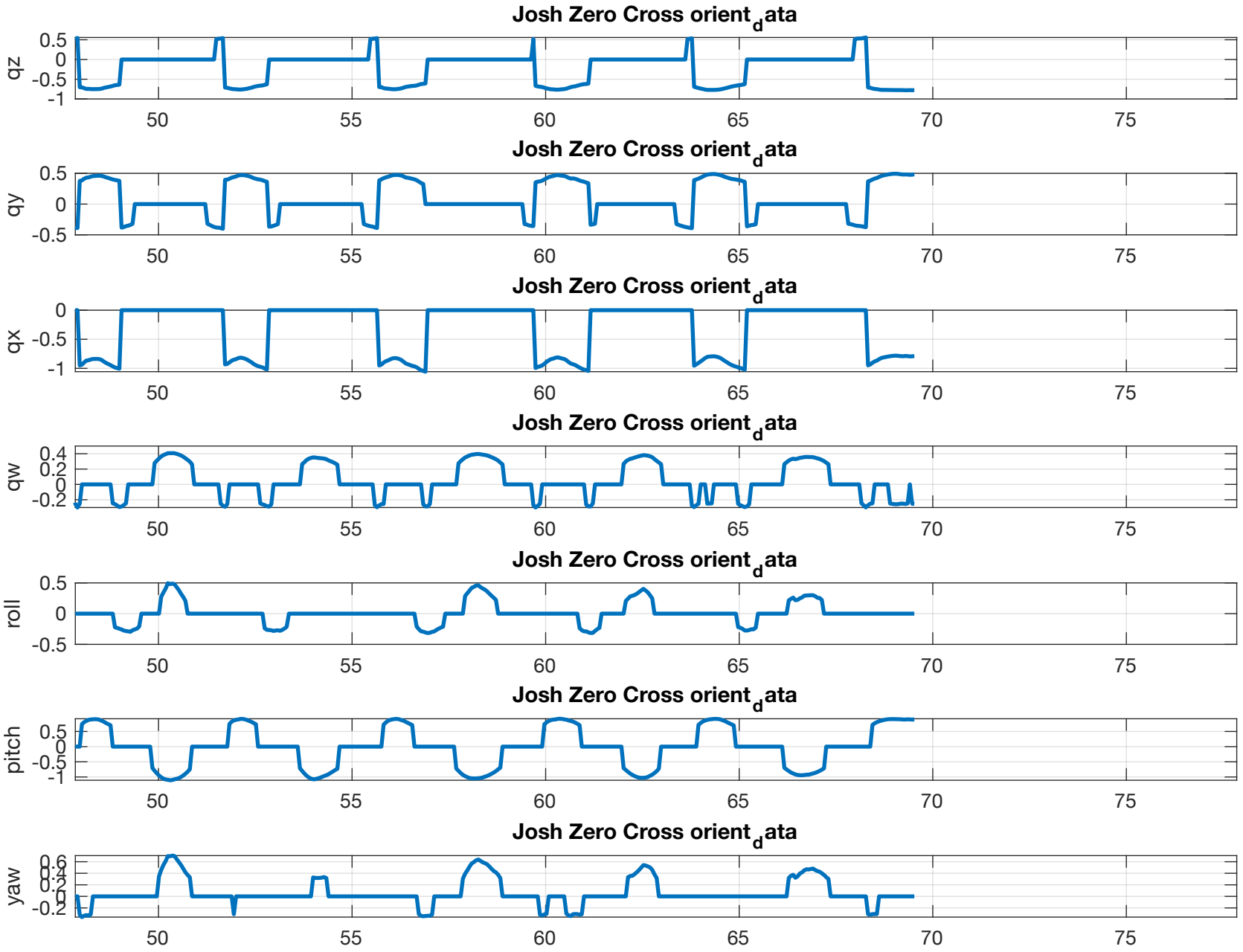
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-136	-68	-8	-13.5000	"gyro_data"
'Y'	-137	-115	-29	-33.5000	"gyro_data"
'X'	-134	-80	-20	-15.5000	"gyro_data"


Josh grav_data
Z
4
2
0
-2
-4
50
55
60
65
70
75
Josh grav_data
Y
10
5
0
-5
-10
50
55
60
65
70
75
Josh grav_data
X
2
0
-2
-4
50
55
60
65
70
75


Josh Zero Cross grav_data
Z
4
2
0
-2
-4
50
55
60
65
70
75
Josh Zero Cross grav_data
Y
10
5
0
-5
-10
50
55
60
65
70
75
Josh Zero Cross grav_data
X
2
0
-2
-4
50
55
60
65
70
75

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-20	-12	-1	0.5000	"grav_data"
'Y'	-2	0	6	-0.2500	"grav_data"
'X'	-12	-9	0	-3	"grav_data"


Josh orientdata
qz
0.5
0
-0.5
-1
50
55
60
65
70
75
Josh orientdata
qy
0.5
0
-0.5
50
55
60
65
70
75
Josh orientdata
qx
0.5
0
-0.5
-1
50
55
60
65
70
75
Josh orientdata
qw
0.4
0.2
0
-0.2
50
55
60
65
70
75
Josh orientdata
roll
0.5
0
-0.5
50
55
60
65
70
75
Josh orientdata
pitch
0.5
0
-0.5
-1
50
55
60
65
70
75
Josh orientdata
yaw
0.6
0.4
0.2
0
-0.2
50
55
60
65
70
75


Josh Zero Cross orientdata
qz
0.5
0
-0.5
-1
50
55
60
65
70
75
Josh Zero Cross orientdata
qy
0.5
0
-0.5
50
55
60
65
70
75
Josh Zero Cross orientdata
qx
0
-0.5
-1
50
55
60
65
70
75
Josh Zero Cross orientdata
qw
0.4
0.2
0
-0.2
50
55
60
65
70
75
Josh Zero Cross orientdata
roll
0.5
0
-0.5
50
55
60
65
70
75
Josh Zero Cross orientdata
pitch
0.5
0
-0.5
-1
50
55
60
65
70
75
Josh Zero Cross orientdata
yaw
0.6
0.4
0.2
0
-0.2
50
55
60
65
70
75

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-14	-10	-1	-0.2500	"orient_data"
'qy'	-14	-3	0	-3.2500	"orient_data"
'qx'	-33	-24	-6	3.2500	"orient_data"
'qw'	-26	-2	0	-4.7500	"orient_data"
'roll'	-30	-13	-4	0.5000	"orient_data"
'pitch'	-2	-2	6	-0.2500	"orient_data"
'yaw'	-34	-11	0	-0.5000	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Y"	'double_findpeaks'	41
'bar_data'	"Relative Altitude"	'double_findpeaks'	0
'gyro_data'	"Z"	'double_findpeaks'	8
'grav_data'	"Y"	'findpeaks_above_zero'	0
'orient_data'	"qy"	'double_findpeaks'	0