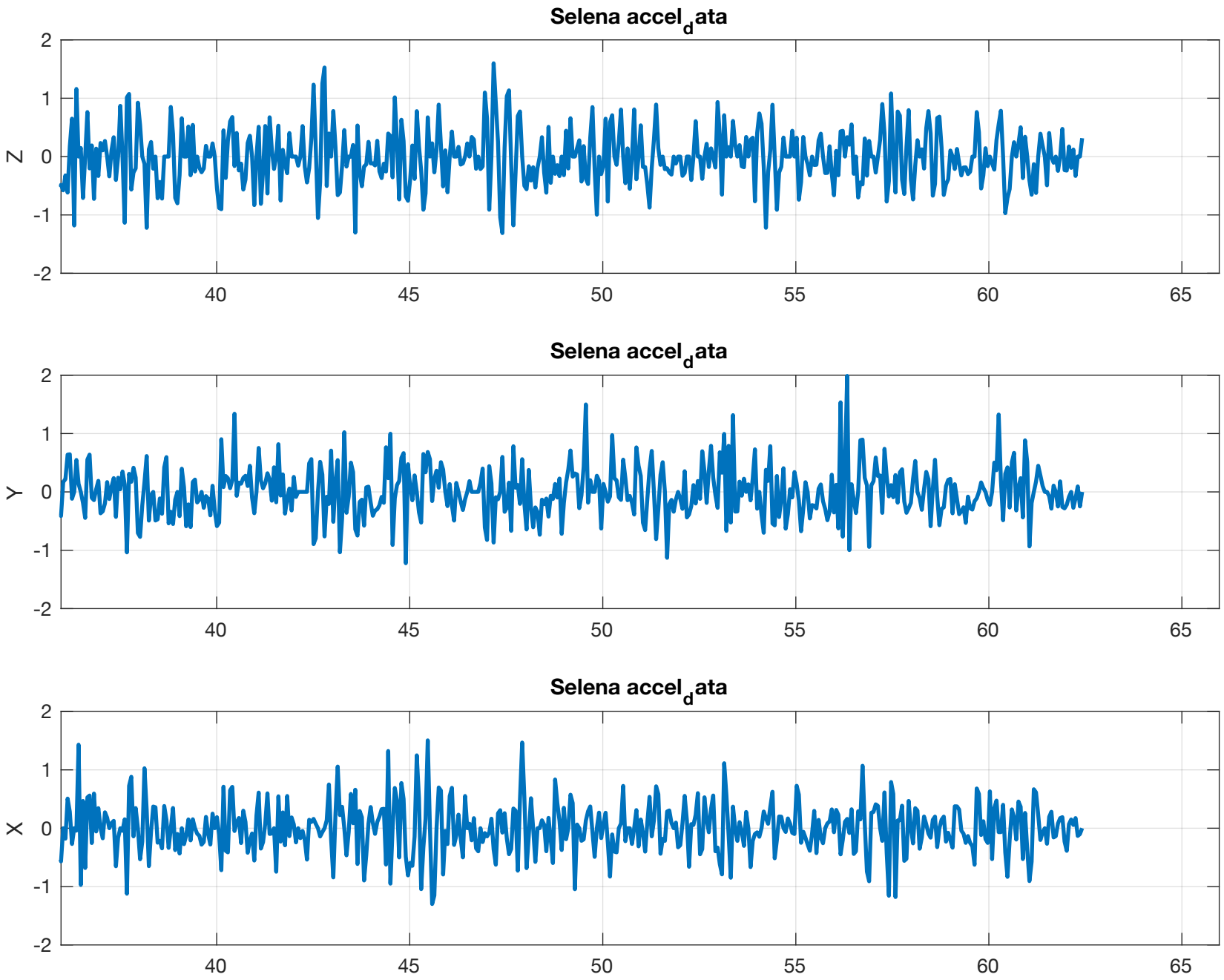
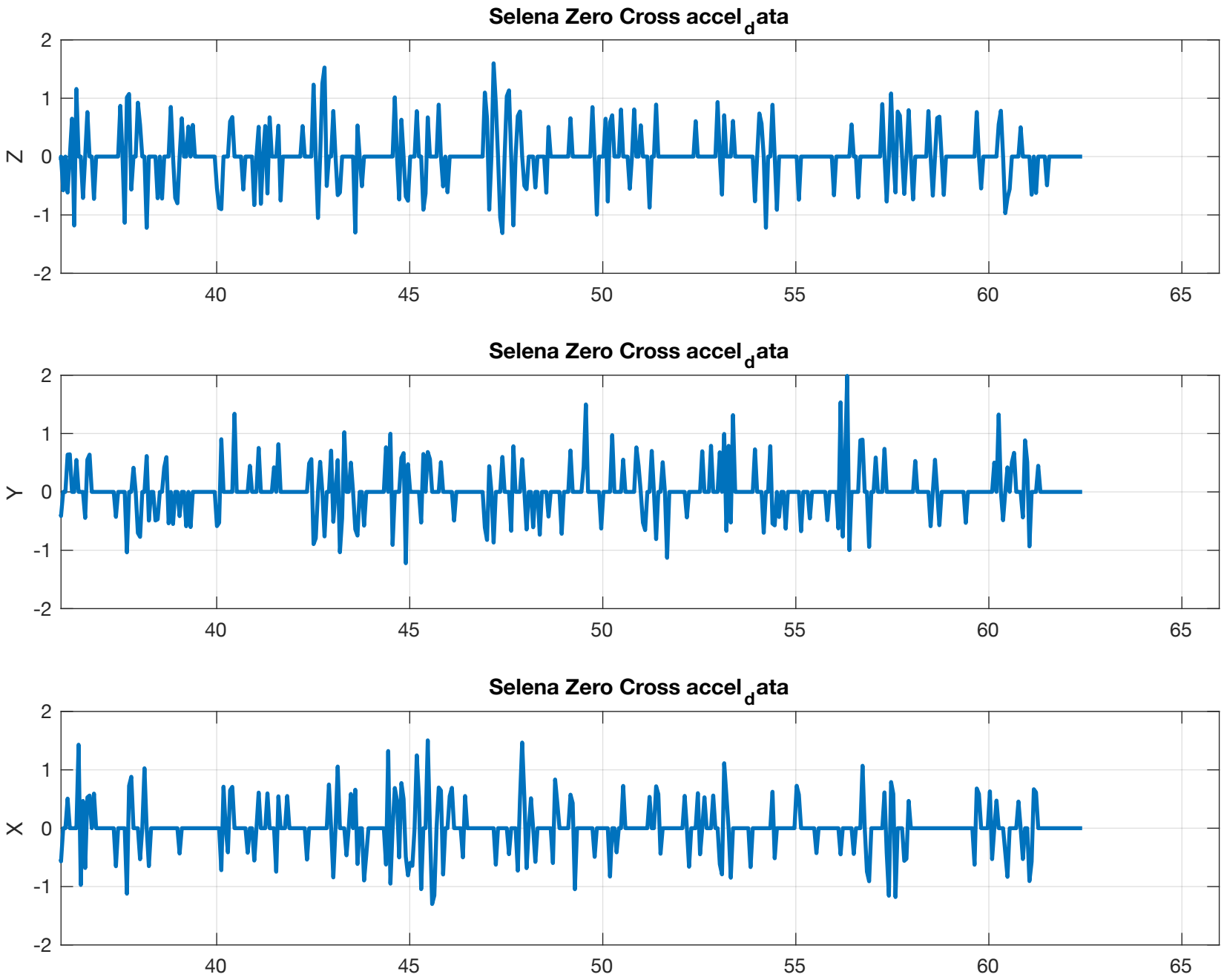
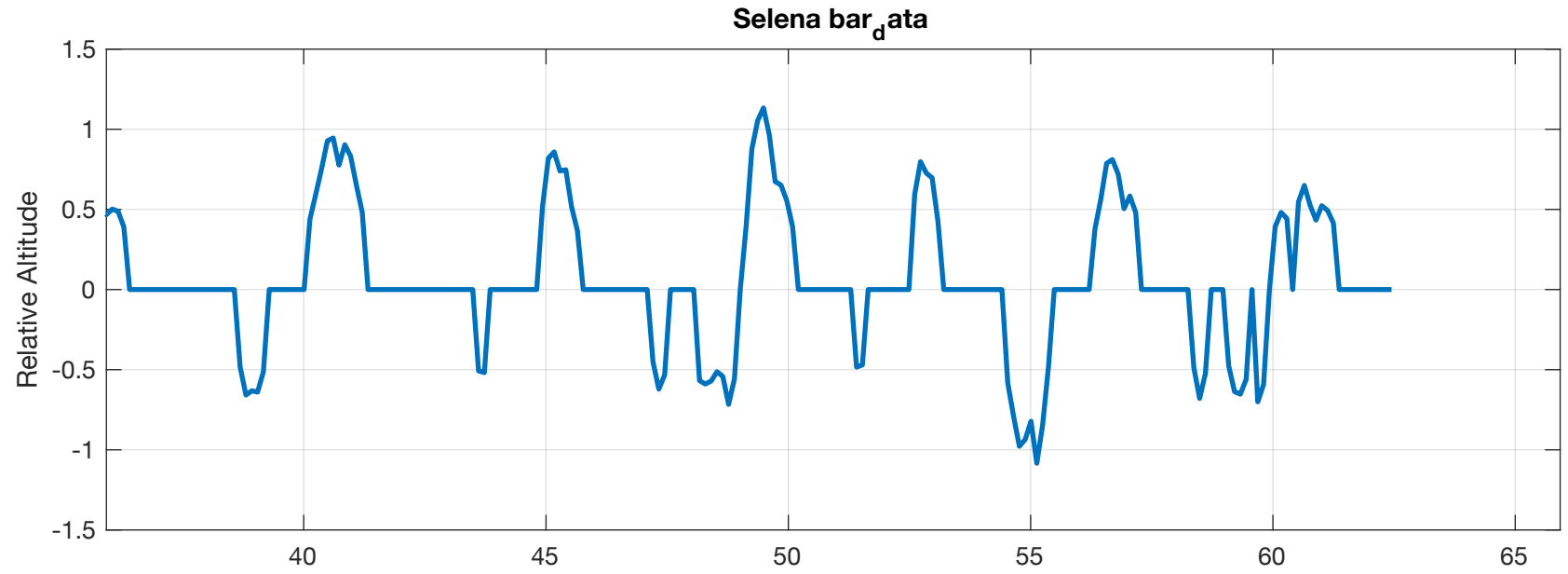
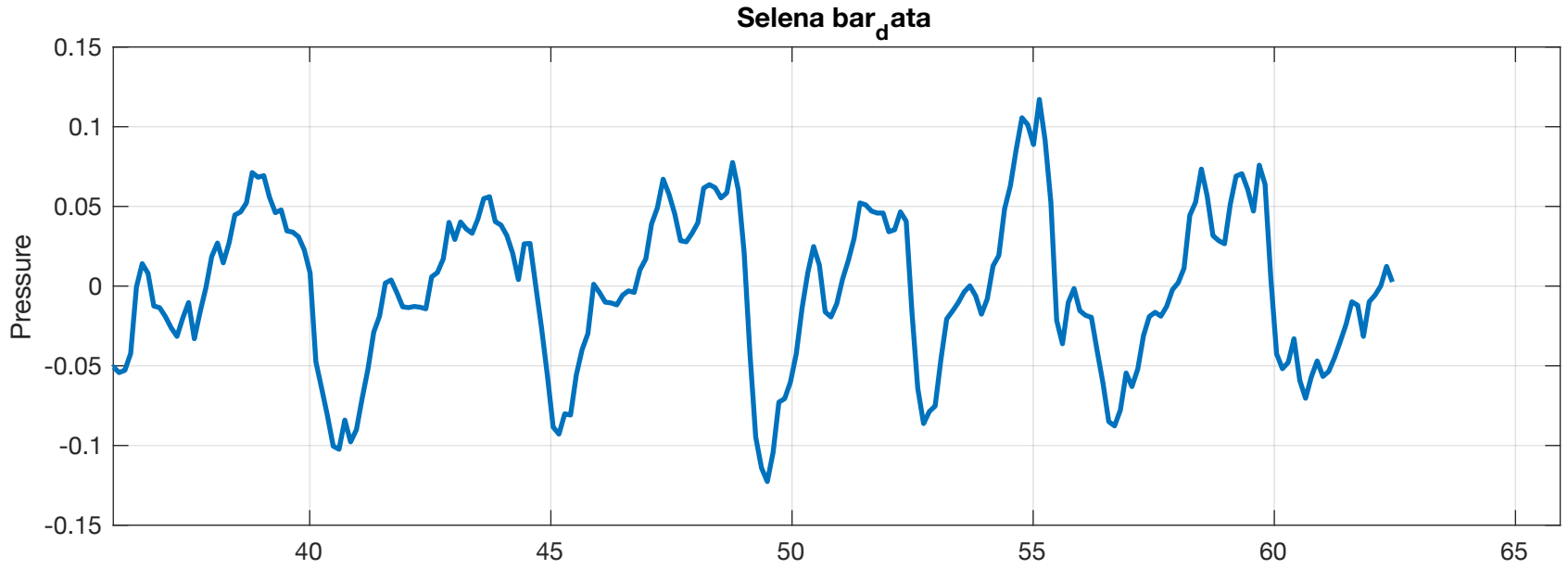
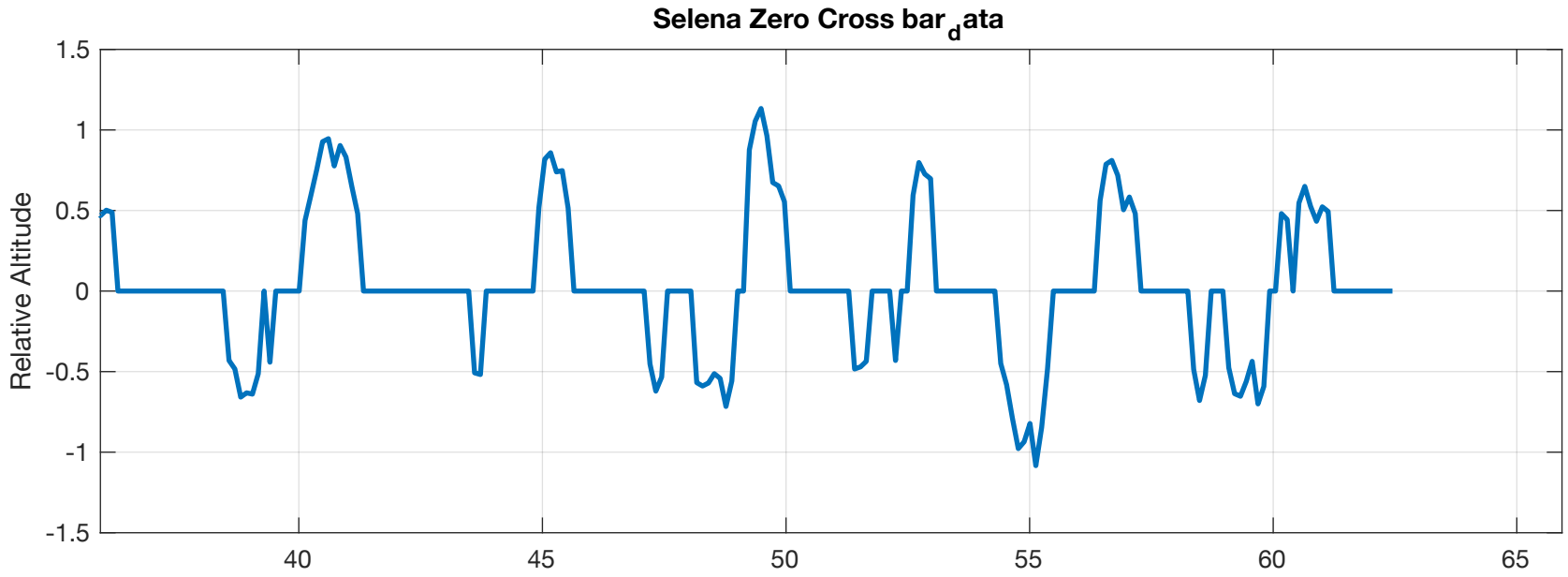

Selena accel_data
Z
2
1
0
-1
-2
40
45
50
55
60
65
Selena accel_data
Y
2
1
0
-1
-2
40
45
50
55
60
65
Selena accel_data
X
2
1
0
-1
-2
40
45
50
55
60
65

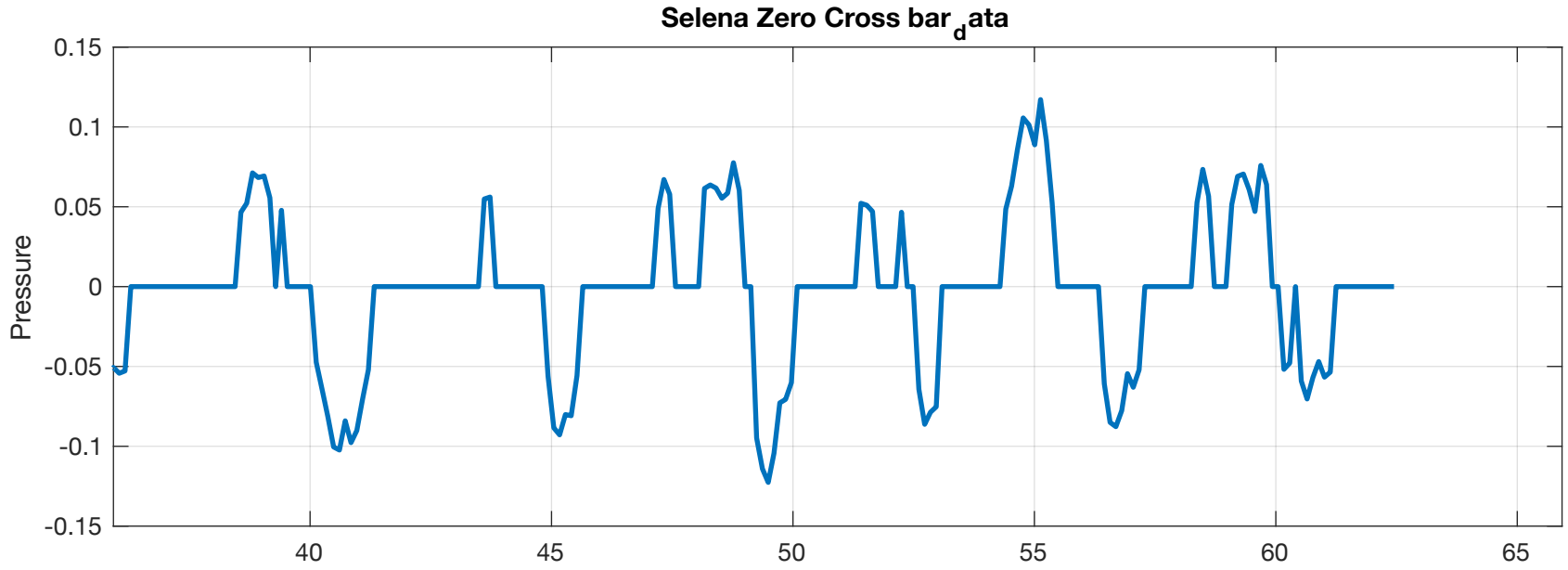

Selena Zero Cross accel_data
Z
2
1
0
-1
-2
40
45
50
55
60
65
Selena Zero Cross accel_data
Y
2
1
0
-1
-2
40
45
50
55
60
65
Selena Zero Cross accel_data
X
2
1
0
-1
-2
40
45
50
55
60
65

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-184.000	-148.000	-50.000	-62.000	"accel_data"
'Y'	-183.000	-140.000	-53.000	-63.000	"accel_data"
'X'	-178.000	-145.000	-57.000	-60.500	"accel_data"

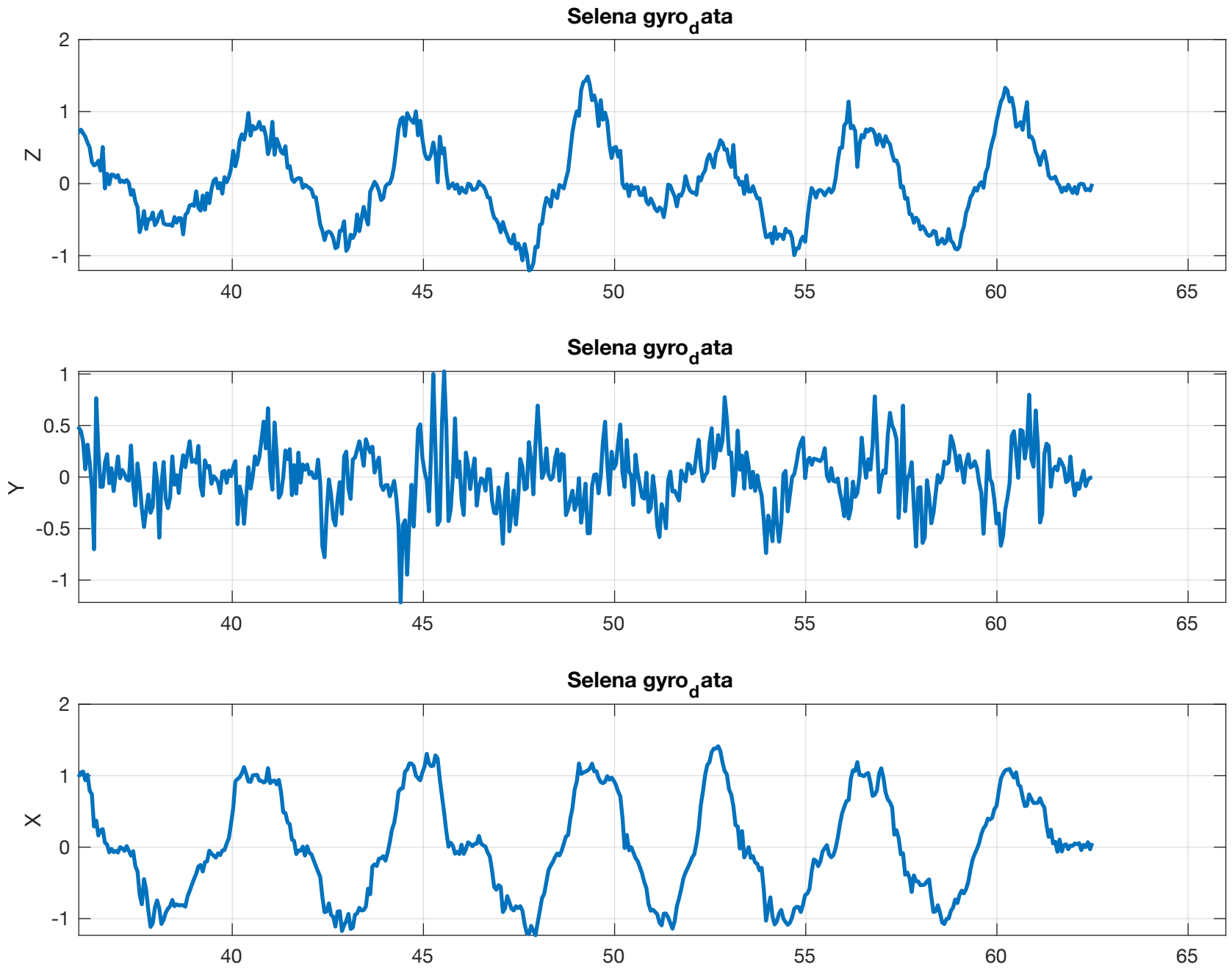

Selena bar_data
Relative Altitude
1.5
1
0.5
0
-0.5
-1
-1.5
40
45
50
55
60
65

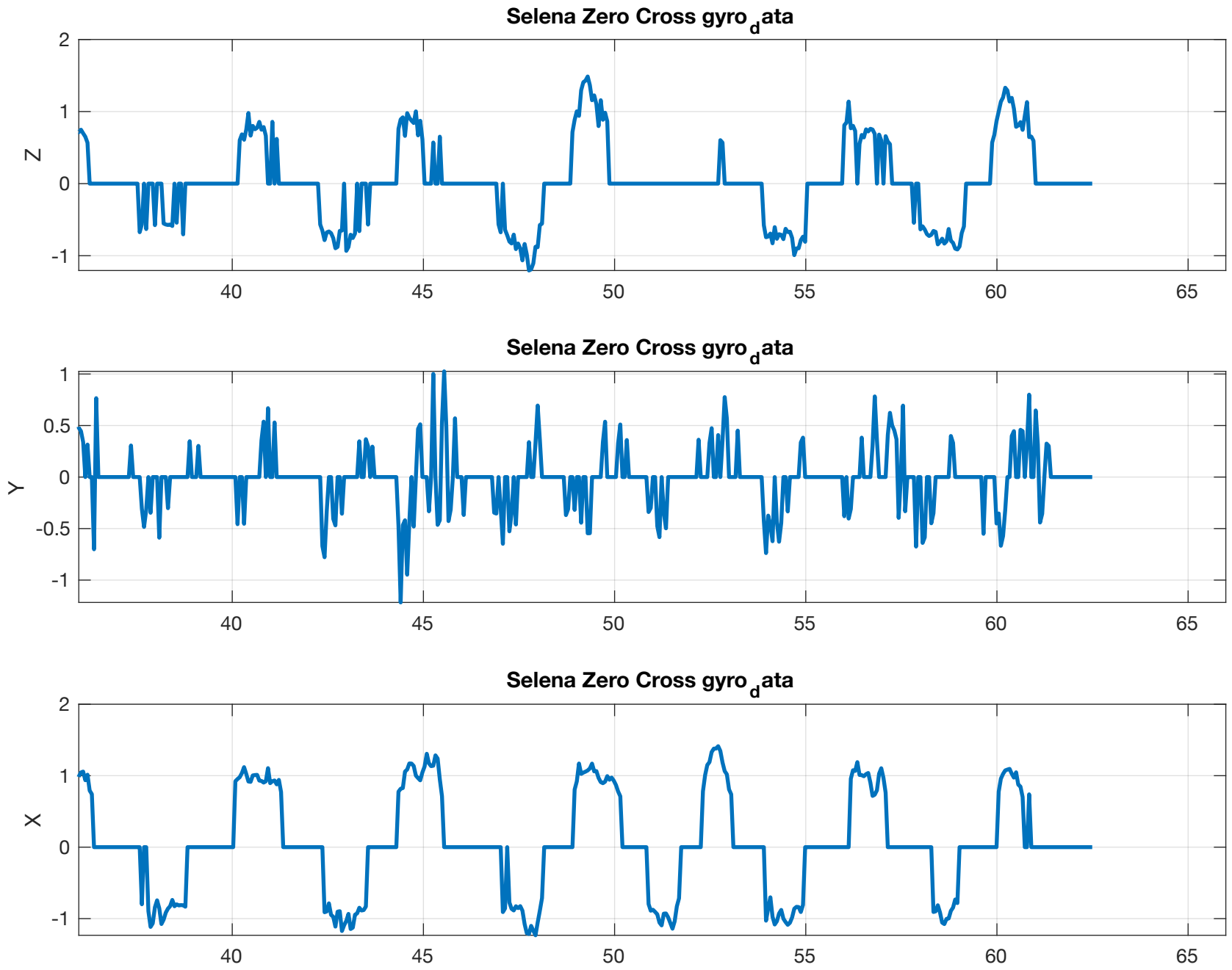

Selena bar_data
Pressure
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
40
45
50
55
60
65


Selena Zero Cross bar_data
Relative Altitude
1.5
1
0.5
0
-0.5
-1
-1.5
40
45
50
55
60
65

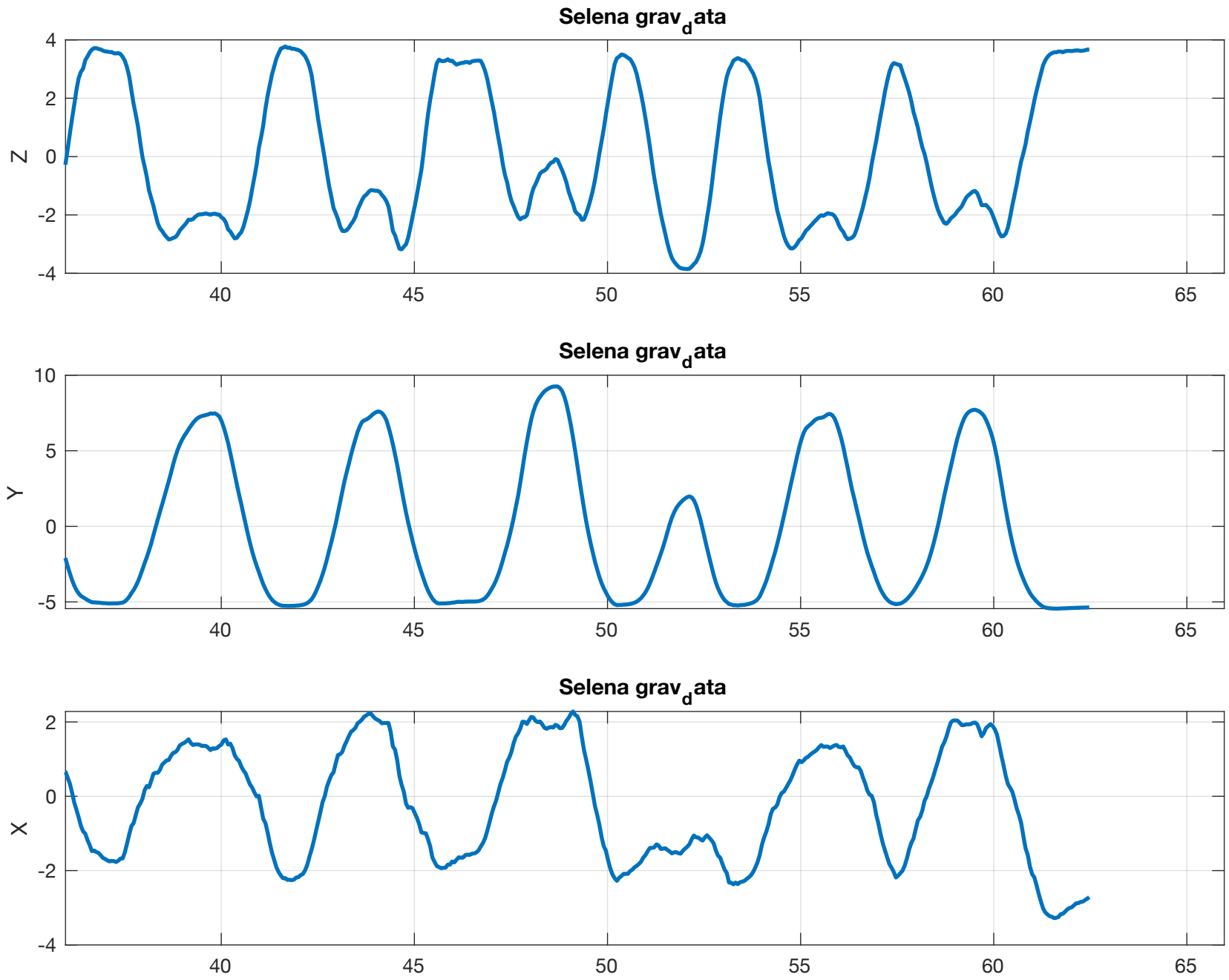

Selena Zero Cross bar_data
Pressure
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
40
45
50
55
60
65

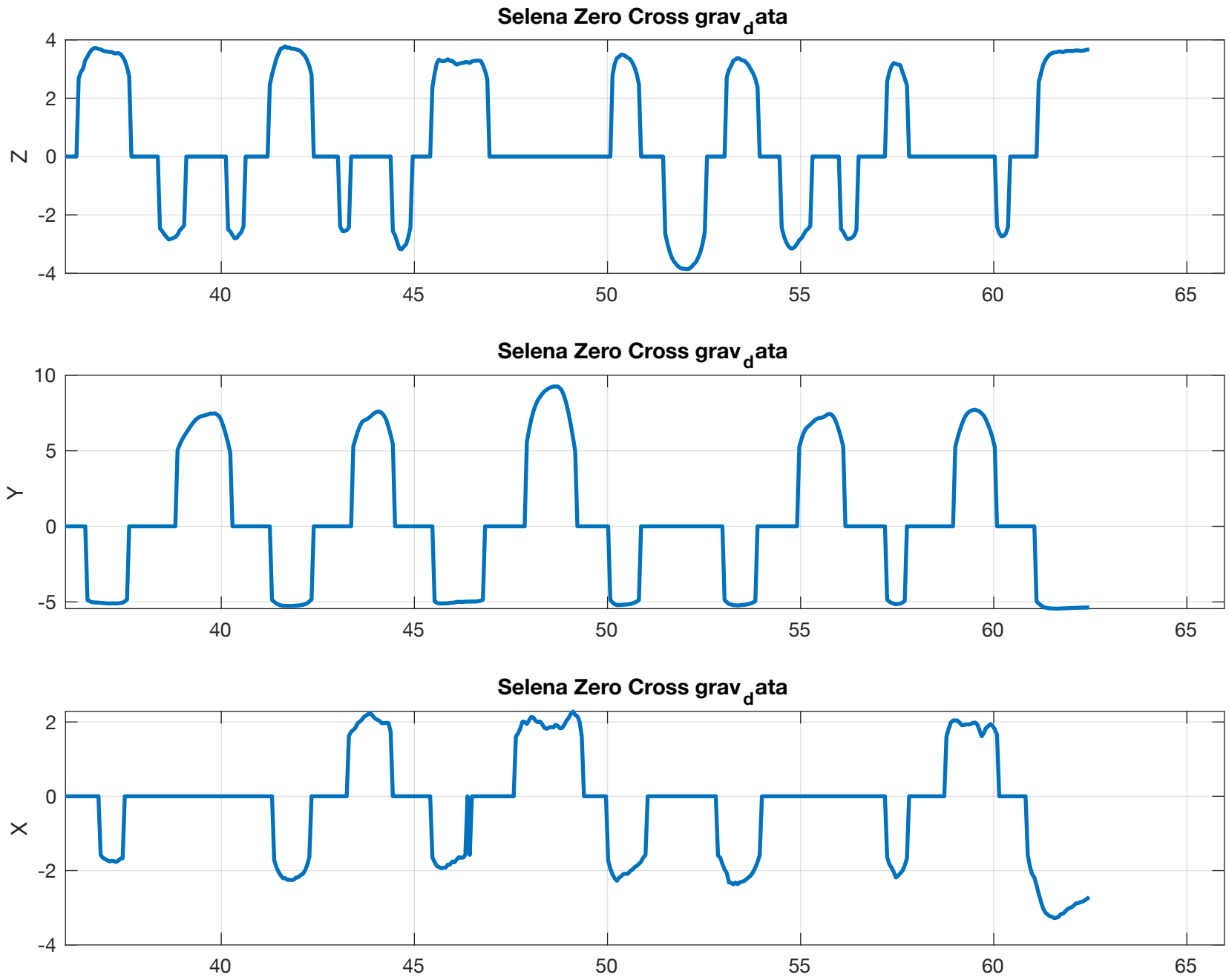
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-19.000	-9.000	2.000	-3.000	"bar_data"
"Pressure"	-44.000	-27.000	-7.000	-3.000	"bar_data"


Selena gyro_data
Z
2
1
0
-1
40
45
50
55
60
65
Selena gyro_data
Y
1
0.5
0
-0.5
-1
40
45
50
55
60
65
Selena gyro_data
X
2
1
0
-1
40
45
50
55
60
65

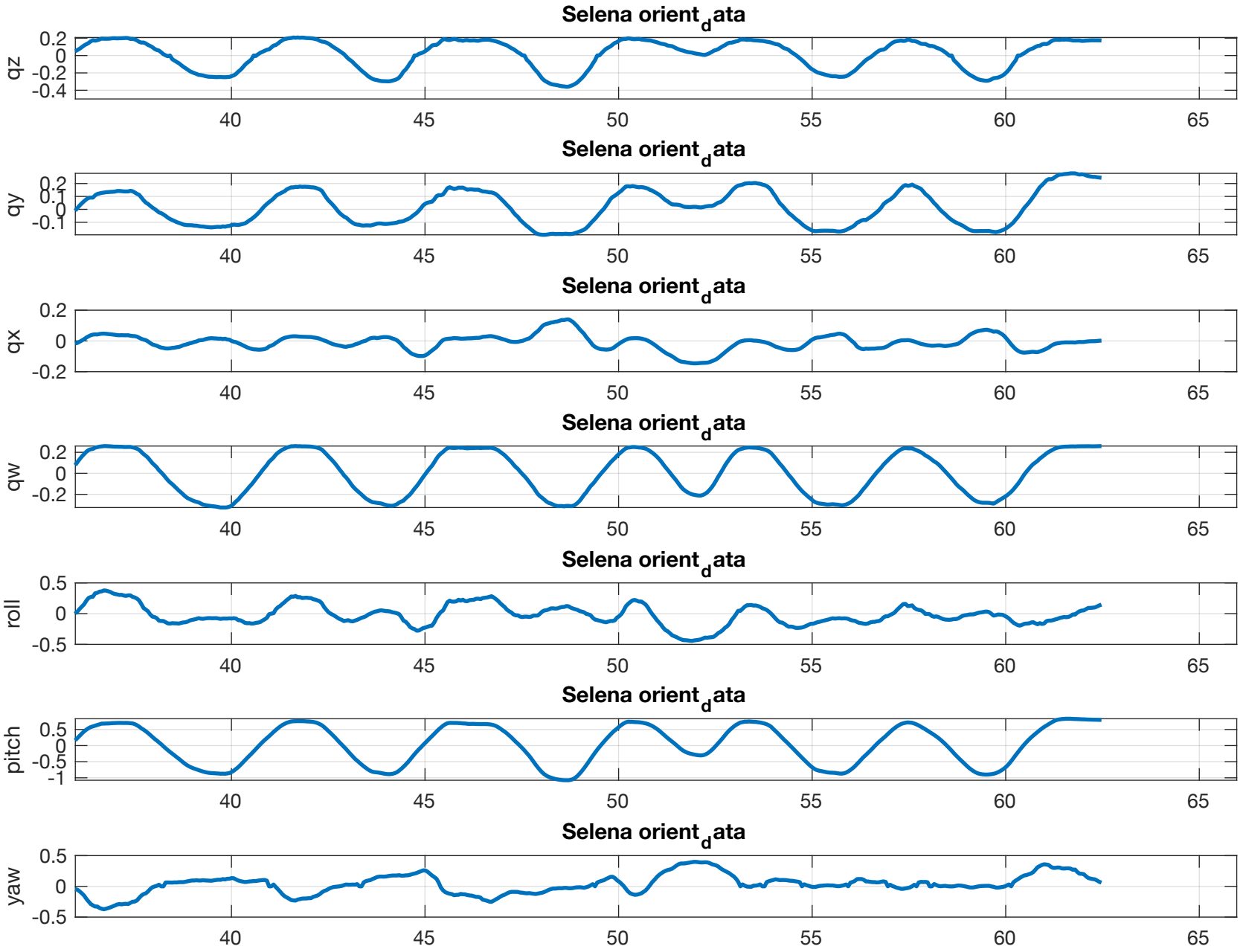

Selena Zero Cross gyro_data
Z
2
1
0
-1
40
45
50
55
60
65
Selena Zero Cross gyro_data
Y
1
0.5
0
-0.5
-1
40
45
50
55
60
65
Selena Zero Cross gyro_data
X
2
1
0
-1
40
45
50
55
60
65

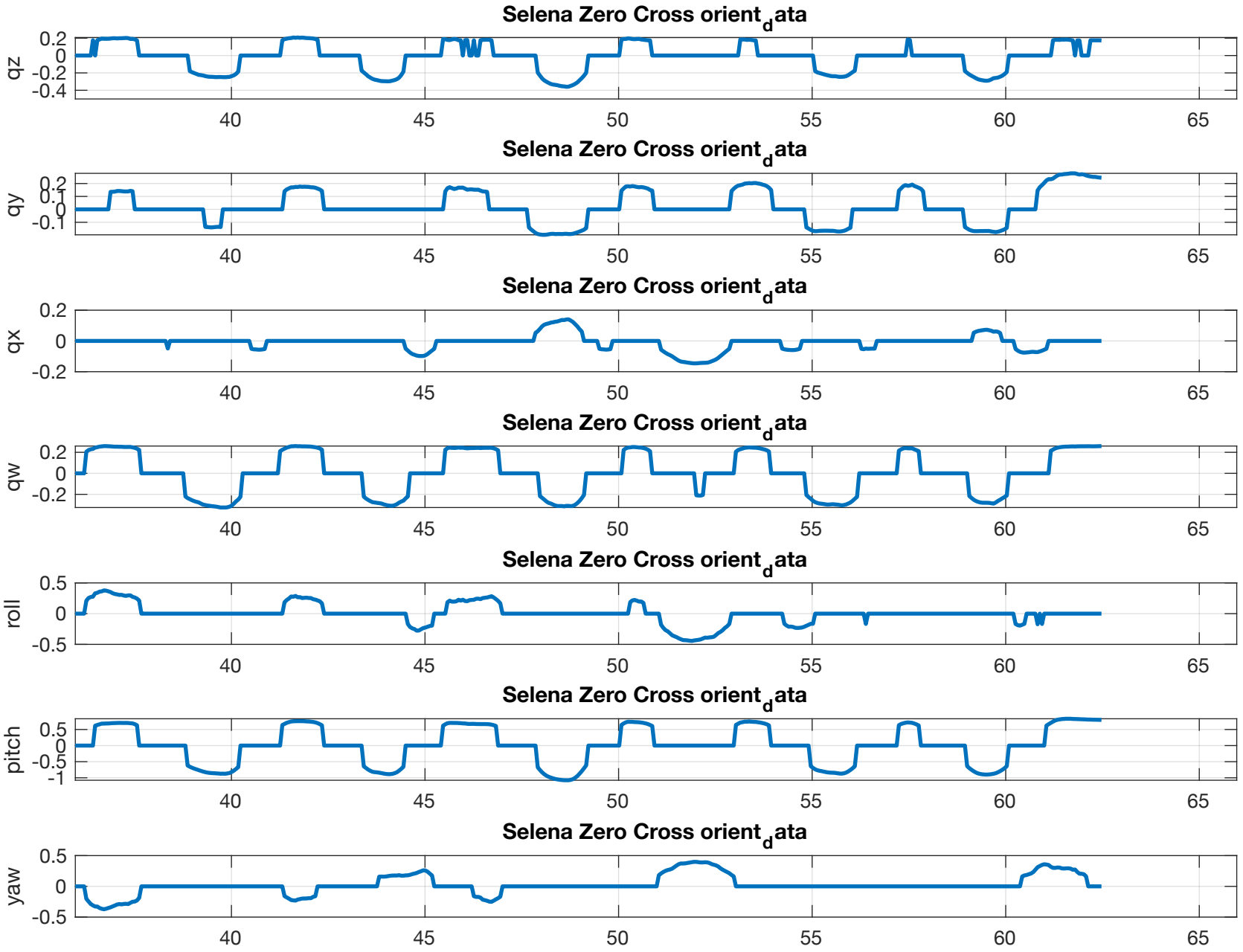
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-162.000	-72.000	-15.000	-11.000	"gyro_data"
'Y'	-165.000	-132.000	-38.000	-40.500	"gyro_data"
'X'	-117.000	-53.000	-13.000	-3.500	"gyro_data"


Selena grav_data
Z
4
2
0
-2
-4
40
45
50
55
60
65
Selena grav_data
Y
10
5
0
-5
40
45
50
55
60
65
Selena grav_data
X
2
0
-2
-4
40
45
50
55
60
65


Selena Zero Cross grav_data
Z
4
2
0
-2
-4
40
45
50
55
60
65
Selena Zero Cross grav_data
Y
10
5
0
-5
40
45
50
55
60
65
Selena Zero Cross grav_data
X
2
0
-2
-4
40
45
50
55
60
65

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-30.000	-15.000	0.000	-1.250	"grav_data"
'Y'	-9.000	-1.000	3.000	0.250	"grav_data"
'X'	-52.000	-33.000	-6.000	1.250	"grav_data"


Selena orient_data
qz
0.2
0
-0.2
-0.4
40
45
50
55
60
65
Selena orient_data
qy
0.2
0.1
0
-0.1
40
45
50
55
60
65
Selena orient_data
qx
0.2
0
-0.2
40
45
50
55
60
65
Selena orient_data
qw
0.2
0
-0.2
40
45
50
55
60
65
Selena orient_data
roll
0.5
0
-0.5
40
45
50
55
60
65
Selena orient_data
pitch
0.5
0
-0.5
-1
40
45
50
55
60
65
Selena orient_data
yaw
0.5
0
-0.5
40
45
50
55
60
65


Selena Zero Cross orientdata
qz
0.2
0
-0.2
-0.4
40
45
50
55
60
65
Selena Zero Cross orientdata
qy
0.2
0.1
0
-0.1
40
45
50
55
60
65
Selena Zero Cross orientdata
qx
0.2
0
-0.2
40
45
50
55
60
65
Selena Zero Cross orientdata
qw
0.2
0
-0.2
40
45
50
55
60
65
Selena Zero Cross orientdata
roll
0.5
0
-0.5
40
45
50
55
60
65
Selena Zero Cross orientdata
pitch
0.5
0
-0.5
-1
40
45
50
55
60
65
Selena Zero Cross orientdata
yaw
0.5
0
-0.5
40
45
50
55
60
65

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-38.000	-28.000	0.000	-3.250	"orient_data"
'qy'	-42.000	-22.000	-2.000	1.250	"orient_data"
'qx'	-36.000	-29.000	-5.000	2.000	"orient_data"
'qw'	-22.000	-17.000	1.000	-0.250	"orient_data"
'roll'	-60.000	-30.000	-4.000	1.500	"orient_data"
'pitch'	-9.000	-8.000	4.000	0.250	"orient_data"
'yaw'	-69.000	-42.000	-2.000	4.000	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Z"	'double_findpeaks'	50.000
'bar_data'	"Relative Altitude"	'double_findpeaks'	2.000
'gyro_data'	"X"	'zero_cross'	3.500
'grav_data'	"Z"	'double_findpeaks'	0.000
'orient_data'	"qz"	'double_findpeaks'	0.000