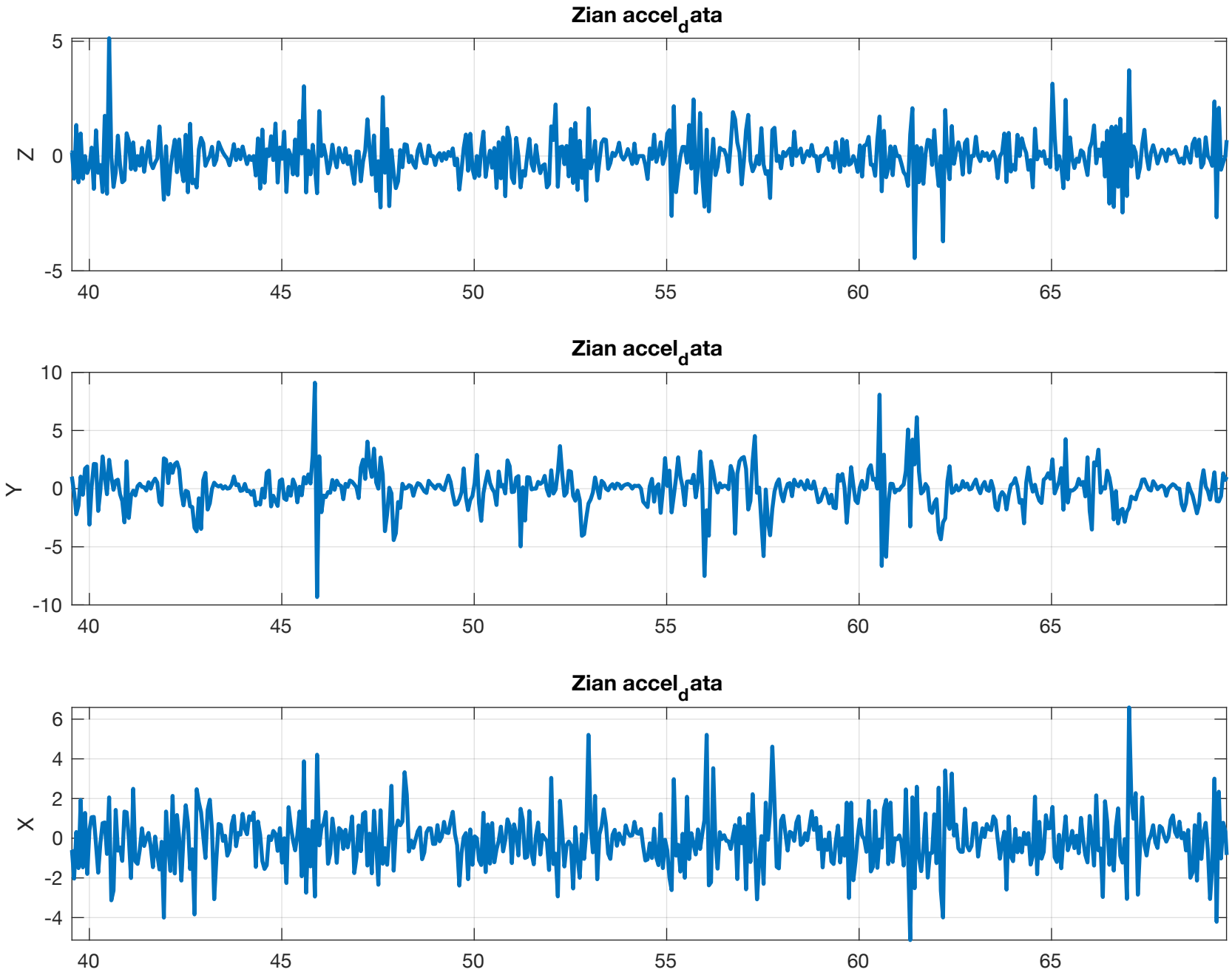
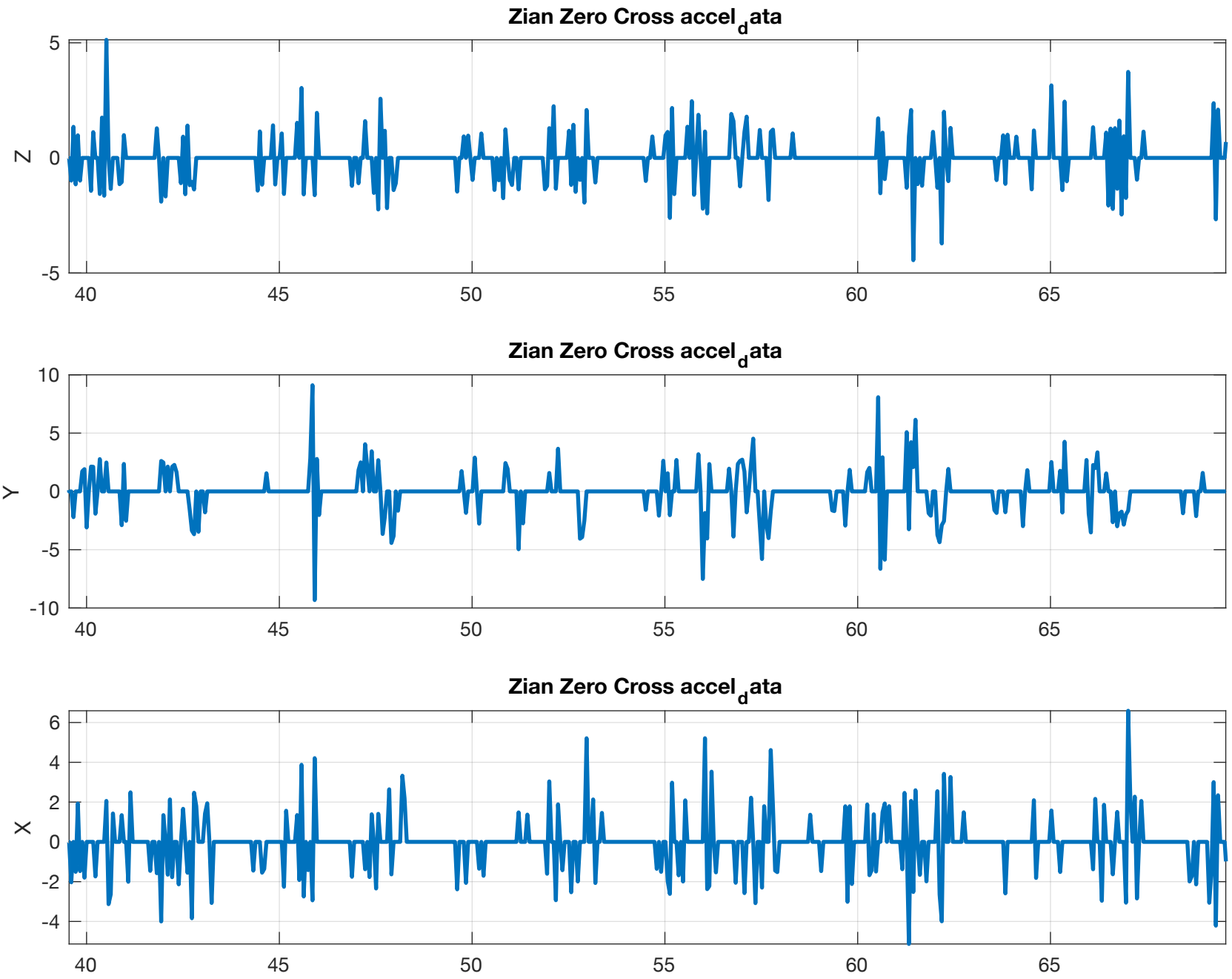
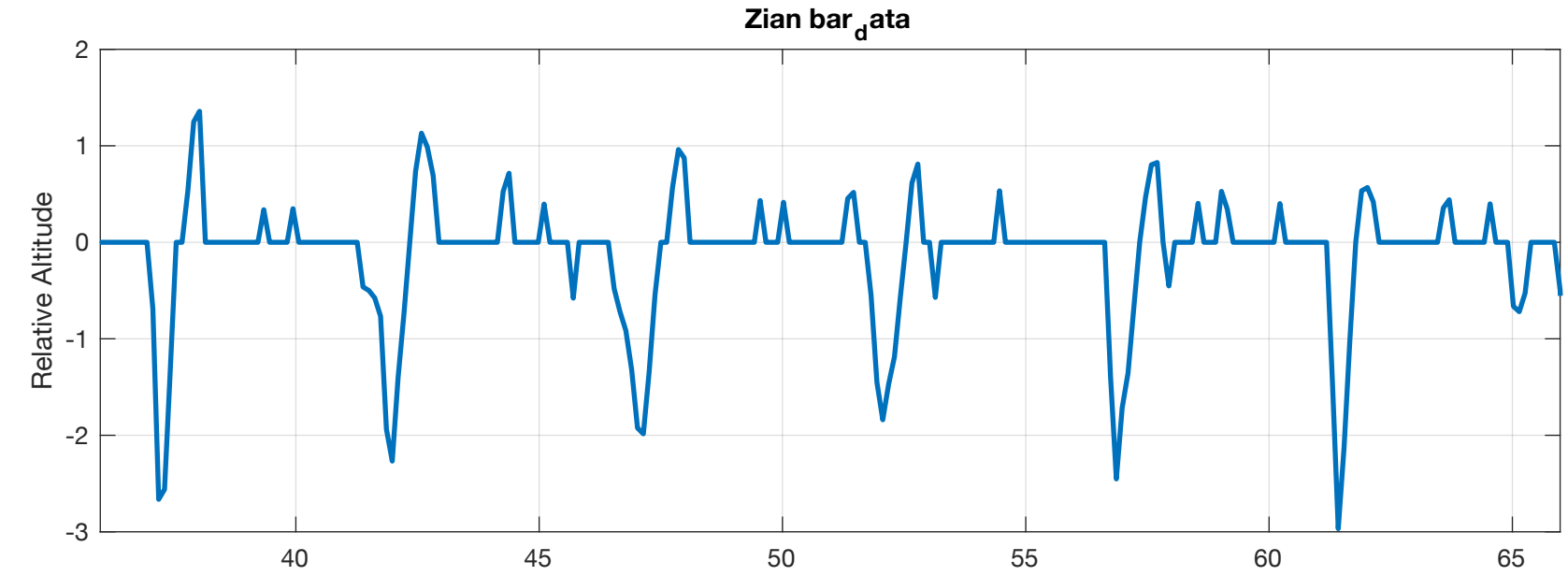
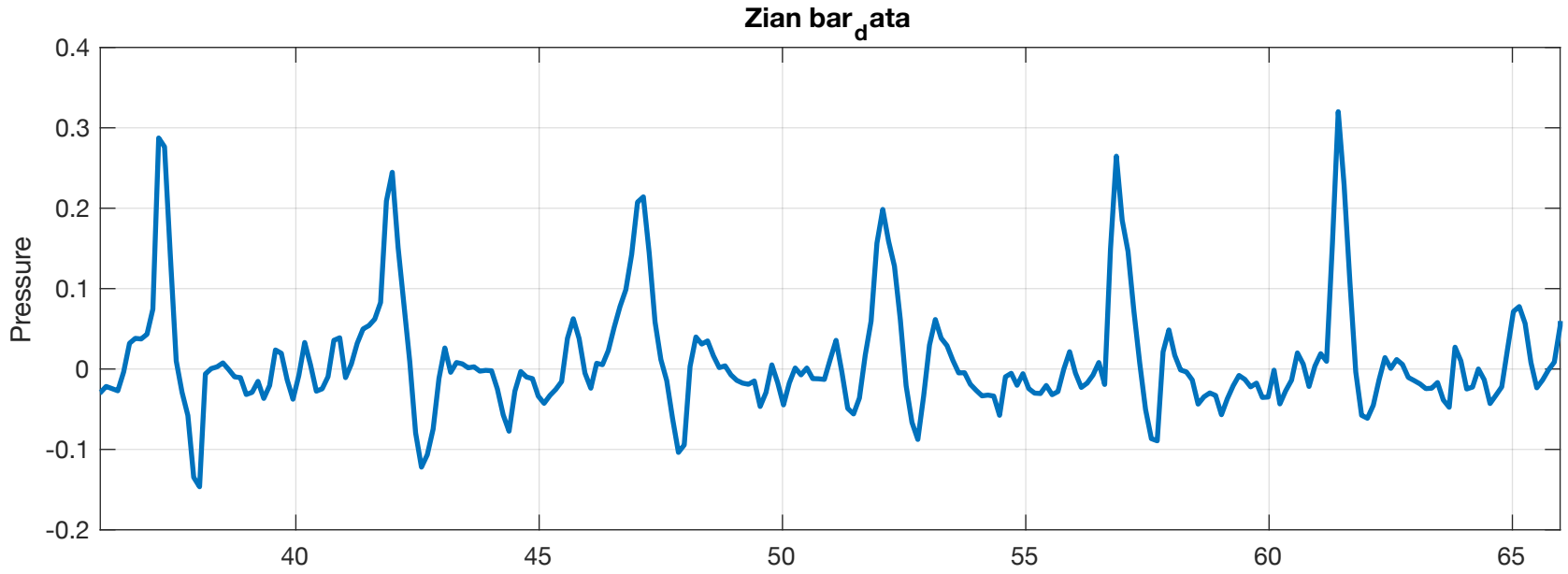
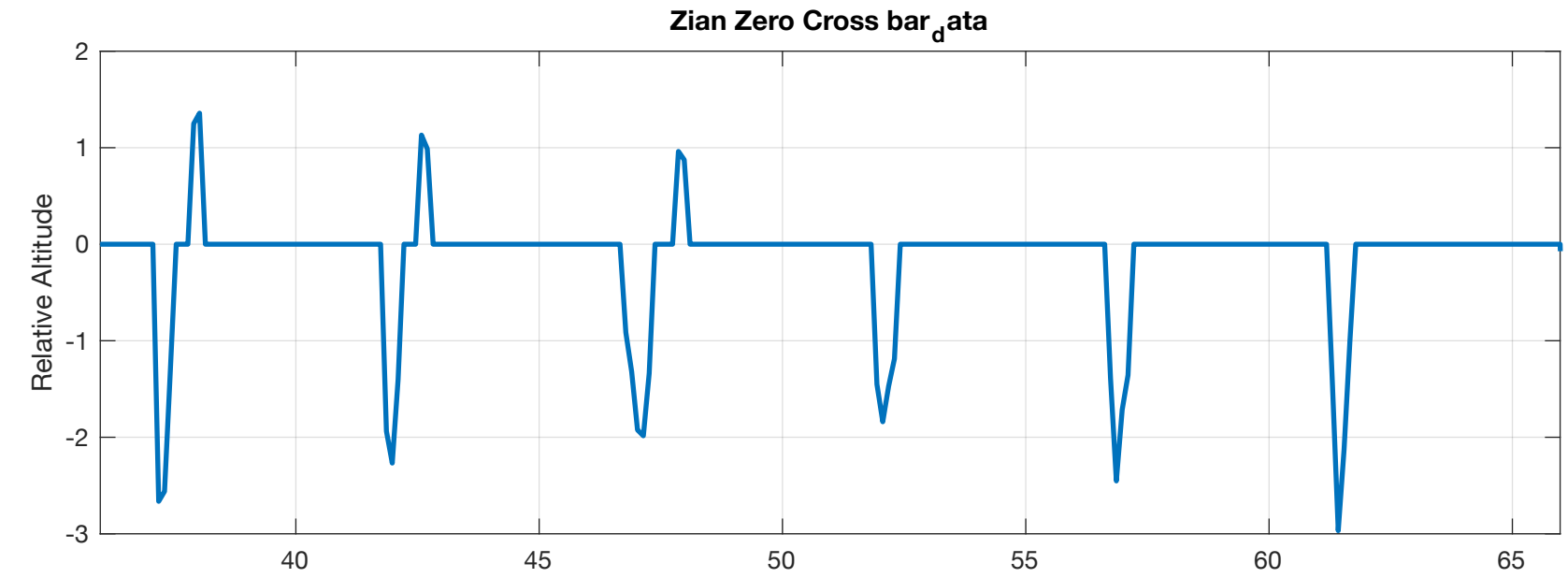

Zian accel_data
Z
5
0
-5
40
45
50
55
60
65
Zian accel_data
Y
10
5
0
-5
-10
40
45
50
55
60
65
Zian accel_data
X
6
4
2
0
-2
-4
40
45
50
55
60
65

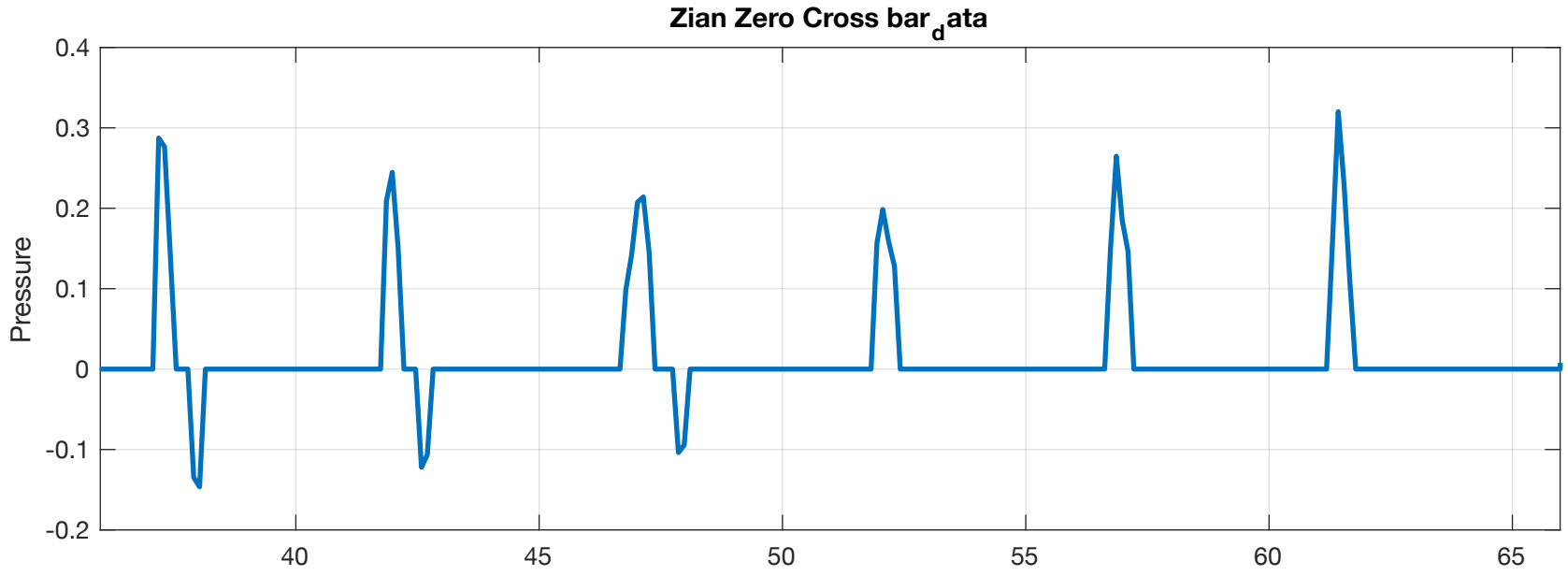

Zian Zero Cross accel_data
Z
5
0
-5
40
45
50
55
60
65
Zian Zero Cross accel_data
Y
10
5
0
-5
-10
40
45
50
55
60
65
Zian Zero Cross accel_data
X
6
4
2
0
-2
-4
40
45
50
55
60
65

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-539.000	-456.000	-164.000	-150.500	"accel_data"
'Y'	-466.000	-402.000	-138.000	-98.000	"accel_data"
'X'	-541.000	-488.000	-163.000	-170.000	"accel_data"

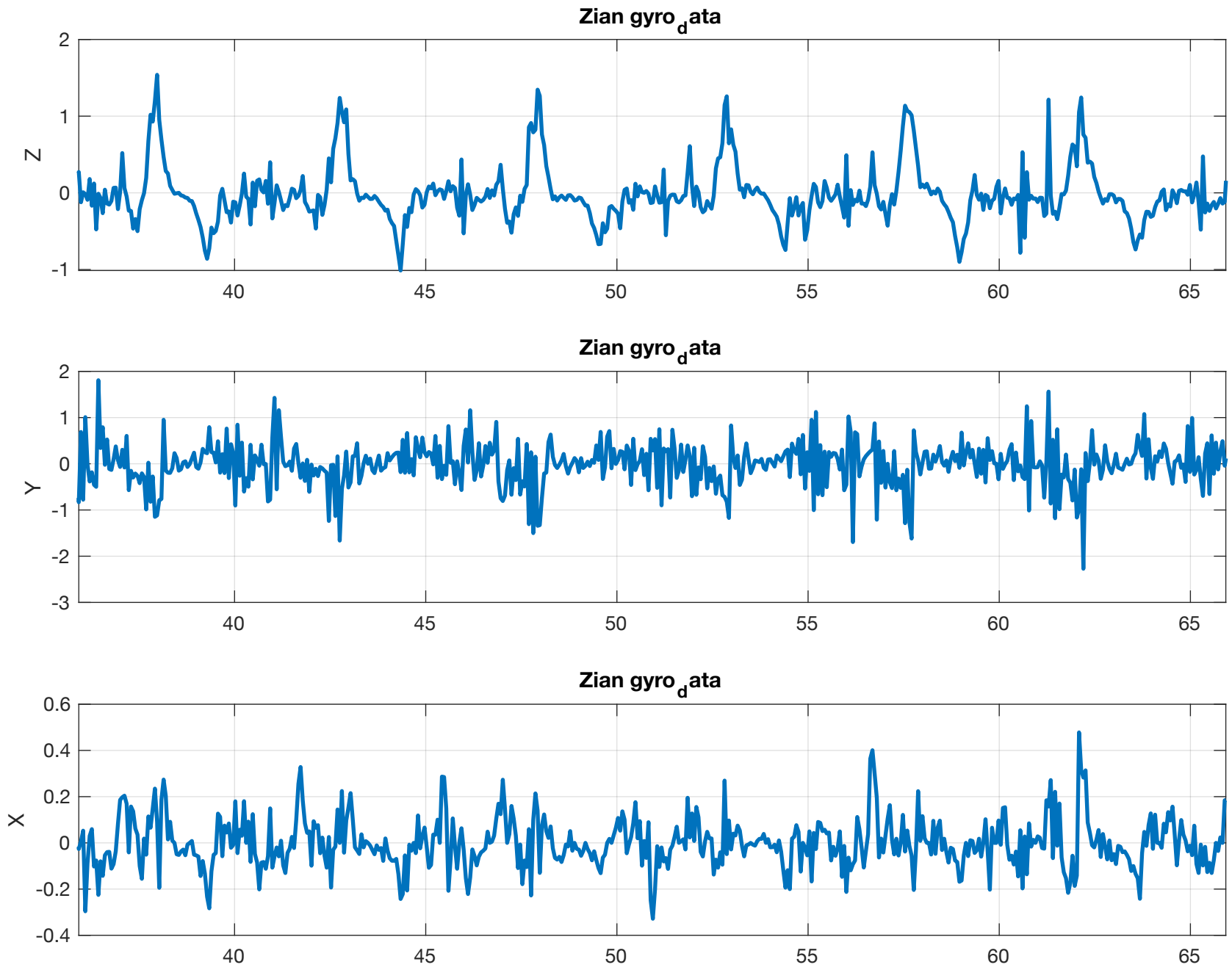

Zian bar_data
Relative Altitude
2
1
0
-1
-2
-3
40
45
50
55
60
65

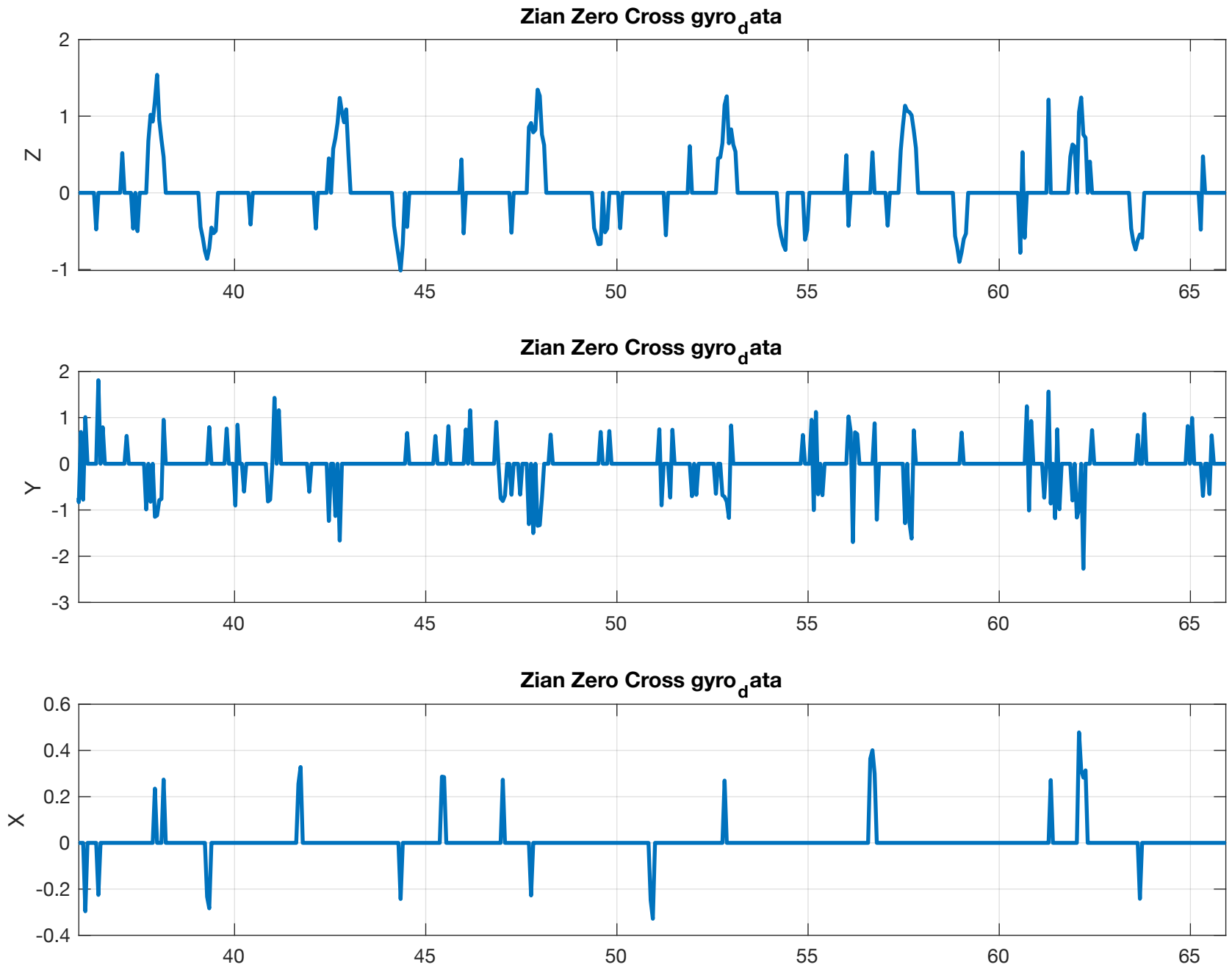

Zian bar_data
Pressure
0.4
0.3
0.2
0.1
0
-0.1
-0.2
40
45
50
55
60
65


Zian Zero Cross bar_data
Relative Altitude
2
1
0
-1
-2
-3
40
45
50
55
60
65

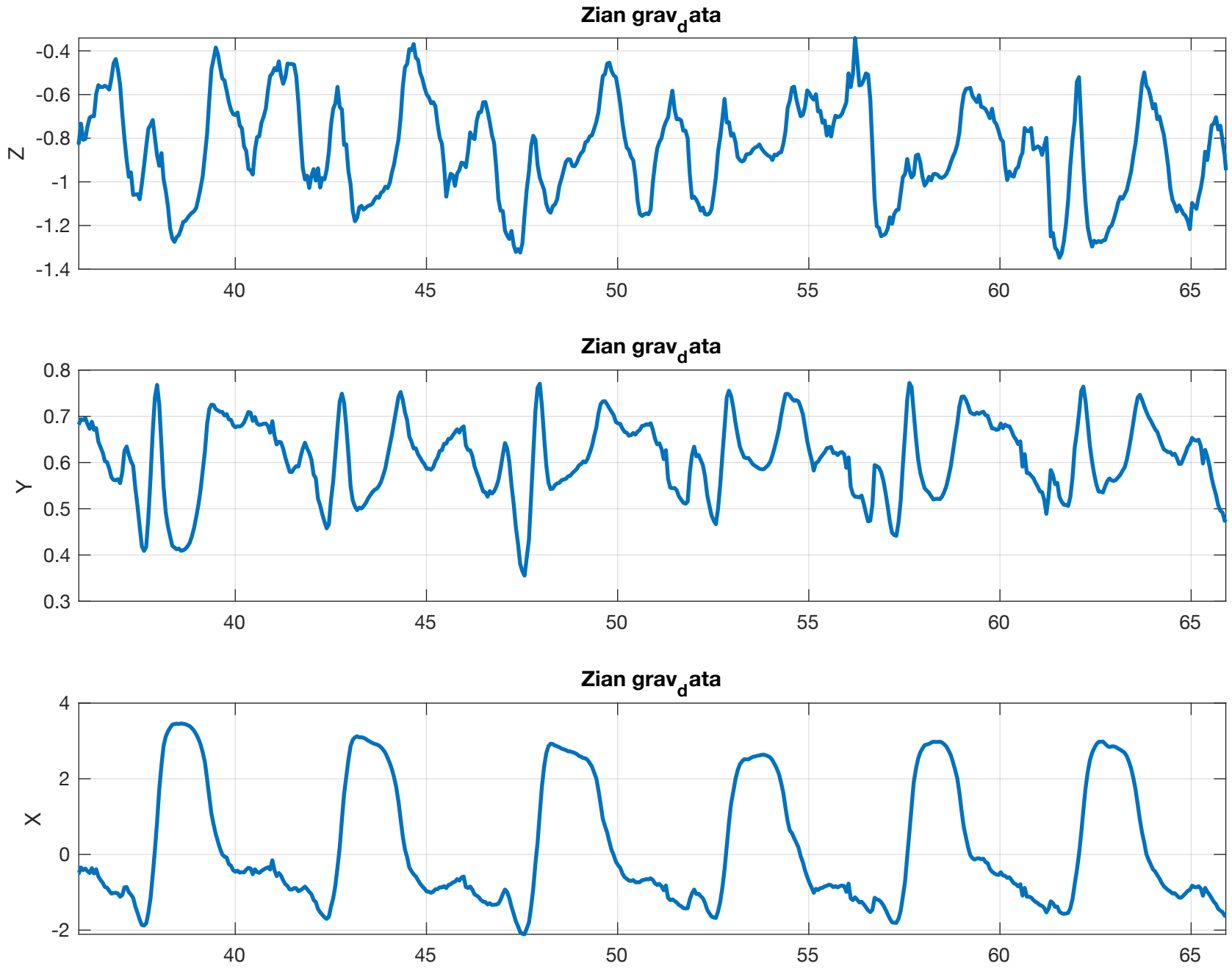

Zian Zero Cross bar_data
Pressure
0.4
0.3
0.2
0.1
0
-0.1
-0.2
40
45
50
55
60
65

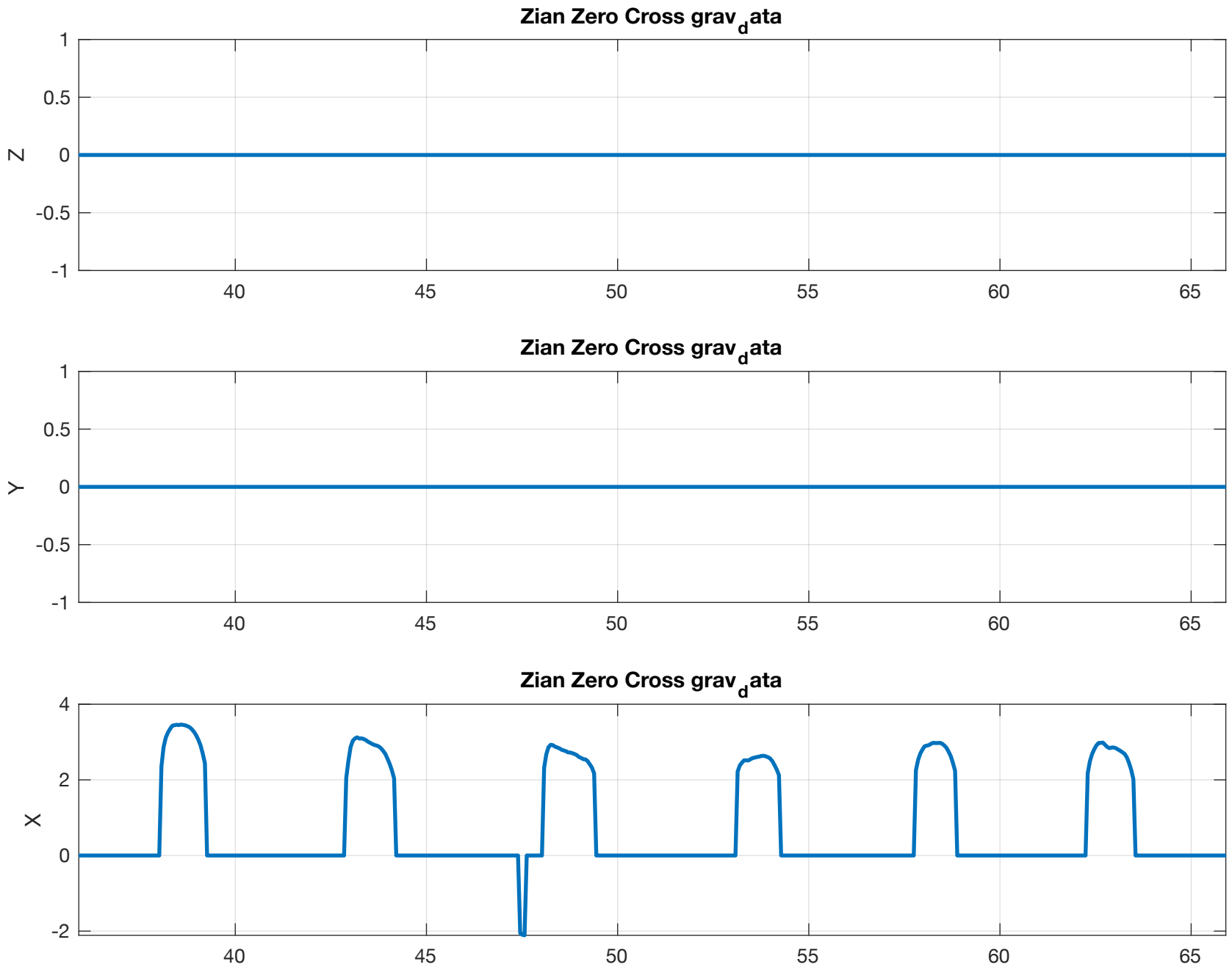
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-52.000	-40.000	-4.000	2.500	"bar_data"
"Pressure"	-119.000	-77.000	-16.000	2.500	"bar_data"


Zian gyro_data
Z
2
1
0
-1
40
45
50
55
60
65
Zian gyro_data
Y
2
1
0
-1
-2
-3
40
45
50
55
60
65
Zian gyro_data
X
0.6
0.4
0.2
0
-0.2
-0.4
40
45
50
55
60
65

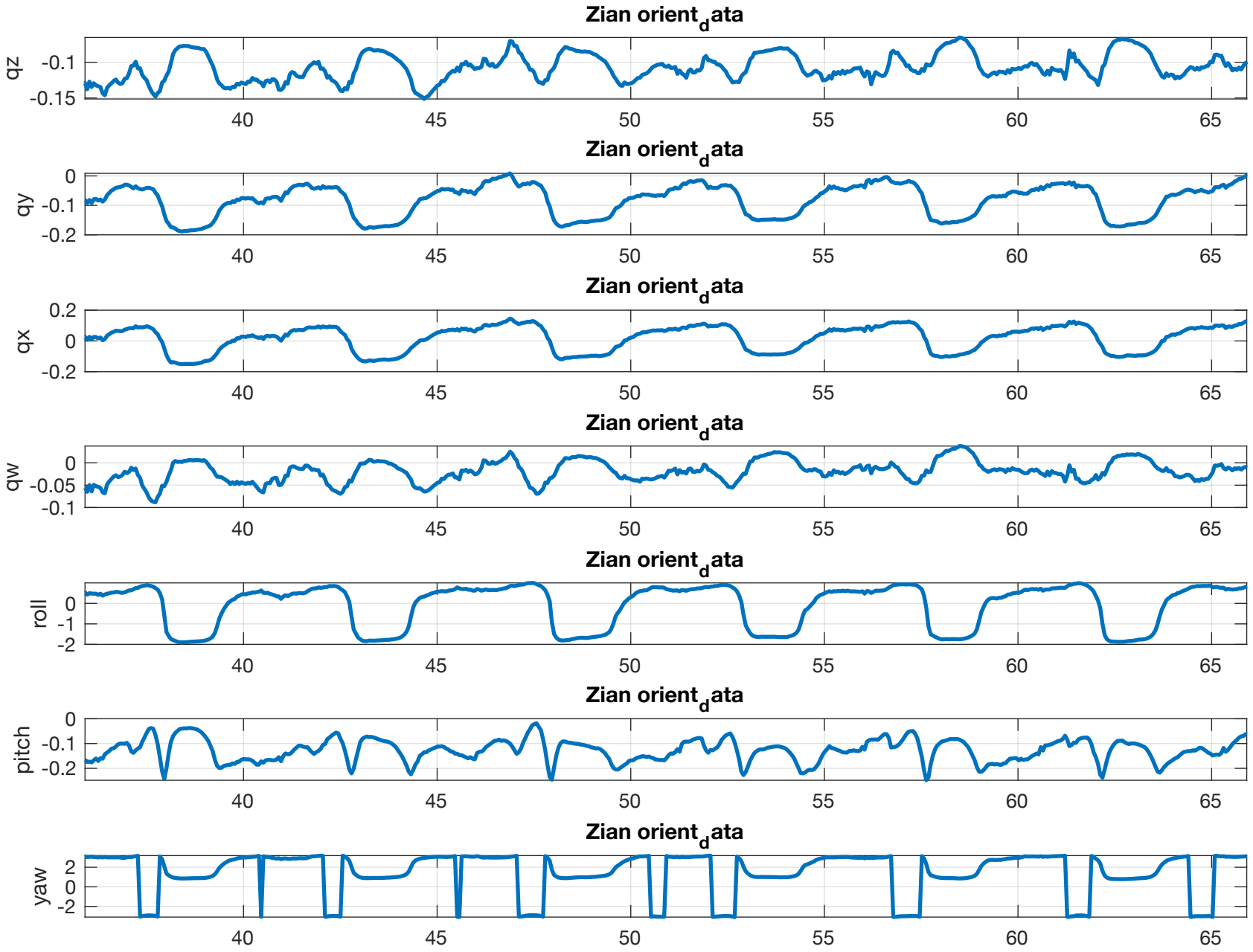

Zian Zero Cross gyro_data
Z
2
1
0
-1
40
45
50
55
60
65
Zian Zero Cross gyro_data
Y
2
1
0
-1
-2
-3
40
45
50
55
60
65
Zian Zero Cross gyro_data
X
0.6
0.4
0.2
0
-0.2
-0.4
40
45
50
55
60
65

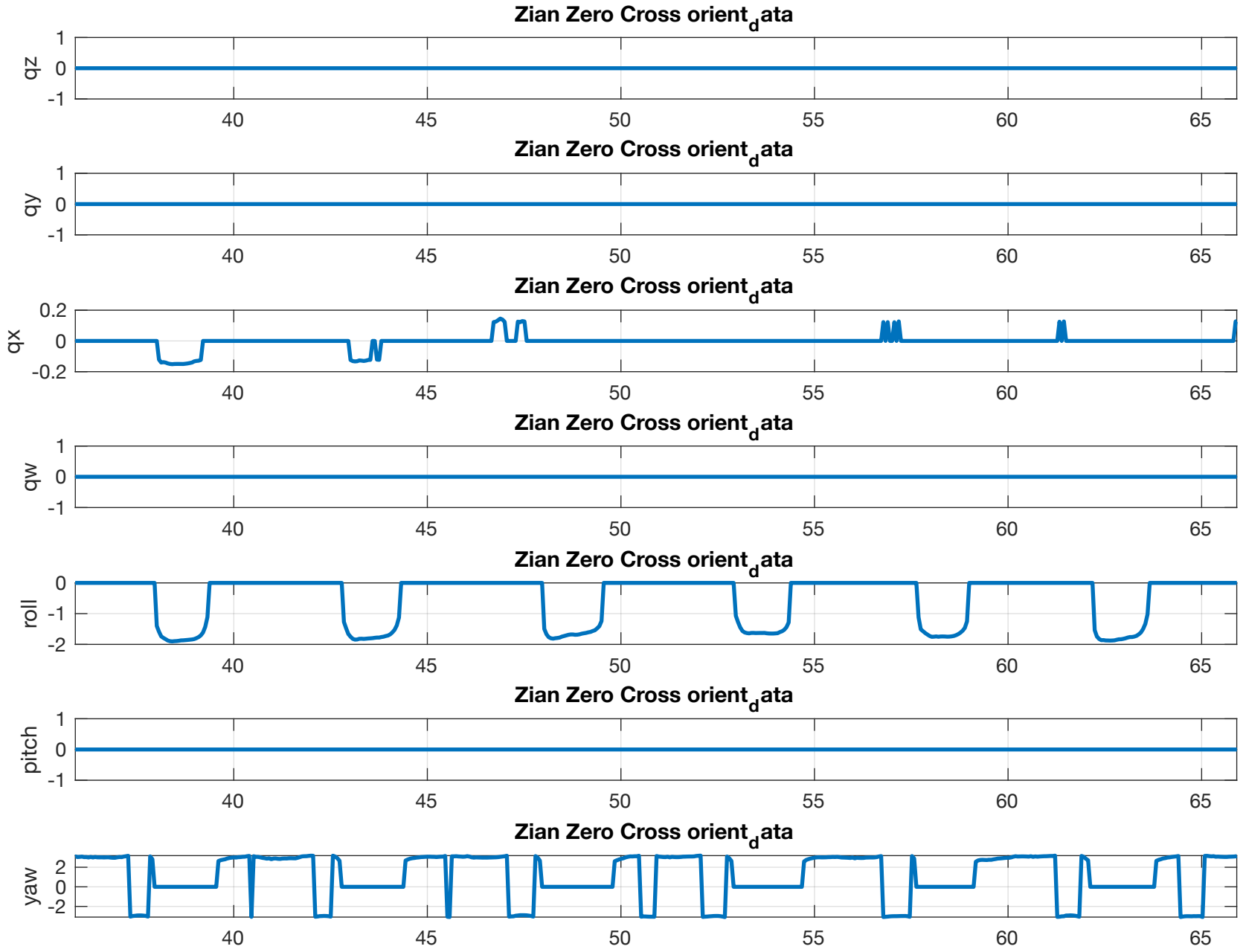
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-336.000	-197.000	-77.000	-27.000	"gyro_data"
'Y'	-472.000	-400.000	-128.000	-84.000	"gyro_data"
'X'	-401.000	-279.000	-98.000	-12.000	"gyro_data"


Zian grav_data
Z
-0.4
-0.6
-0.8
-1
-1.2
-1.4
40
45
50
55
60
65
Zian grav_data
Y
0.8
0.7
0.6
0.5
0.4
0.3
40
45
50
55
60
65
Zian grav_data
X
4
2
0
-2
40
45
50
55
60
65


Zian Zero Cross grav_data
Z
1
0.5
0
-0.5
-1
40
45
50
55
60
65
Zian Zero Cross grav_data
Y
1
0.5
0
-0.5
-1
40
45
50
55
60
65
Zian Zero Cross grav_data
X
4
2
0
-2
40
45
50
55
60
65

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-209.000	15.000	15.000	15.000	"grav_data"
'Y'	-175.000	-175.000	-39.000	15.000	"grav_data"
'X'	-155.000	-15.000	-1.000	4.750	"grav_data"


Zian orientdata
qz
-0.1
-0.15
40
45
50
55
60
65
Zian orientdata
qy
0
-0.1
-0.2
40
45
50
55
60
65
Zian orientdata
qx
0.2
0
-0.2
40
45
50
55
60
65
Zian orientdata
qw
0
-0.05
-0.1
40
45
50
55
60
65
Zian orientdata
roll
0
-1
-2
40
45
50
55
60
65
Zian orientdata
pitch
0
-0.1
-0.2
40
45
50
55
60
65
Zian orientdata
yaw
2
0
-2
40
45
50
55
60
65


Zian Zero Cross orientdata
qz
1
0
-1
40
45
50
55
60
65
Zian Zero Cross orientdata
qy
1
0
-1
40
45
50
55
60
65
Zian Zero Cross orientdata
qx
0.2
0
-0.2
40
45
50
55
60
65
Zian Zero Cross orientdata
qw
1
0
-1
40
45
50
55
60
65
Zian Zero Cross orientdata
roll
0
-1
-2
40
45
50
55
60
65
Zian Zero Cross orientdata
pitch
1
0
-1
40
45
50
55
60
65
Zian Zero Cross orientdata
yaw
2
0
-2
40
45
50
55
60
65

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-261.000	15.000	15.000	15.000	"orient_data"
'qy'	-224.000	-7.000	8.000	15.000	"orient_data"
'qx'	-232.000	-192.000	-28.000	4.250	"orient_data"
'qw'	-273.000	-29.000	-2.000	15.000	"orient_data"
'roll'	-164.000	-144.000	-26.000	3.500	"orient_data"
'pitch'	-175.000	-7.000	12.000	15.000	"orient_data"
'yaw'	-171.000	-108.000	-40.000	-21.750	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Y"	'zero_cross'	98.000
'bar_data'	"Relative Altitude"	'zero_cross'	2.500
'gyro_data'	"X"	'zero_cross'	12.000
'grav_data'	"X"	'double_findpeaks'	1.000
'orient_data'	"qw"	'double_findpeaks'	2.000