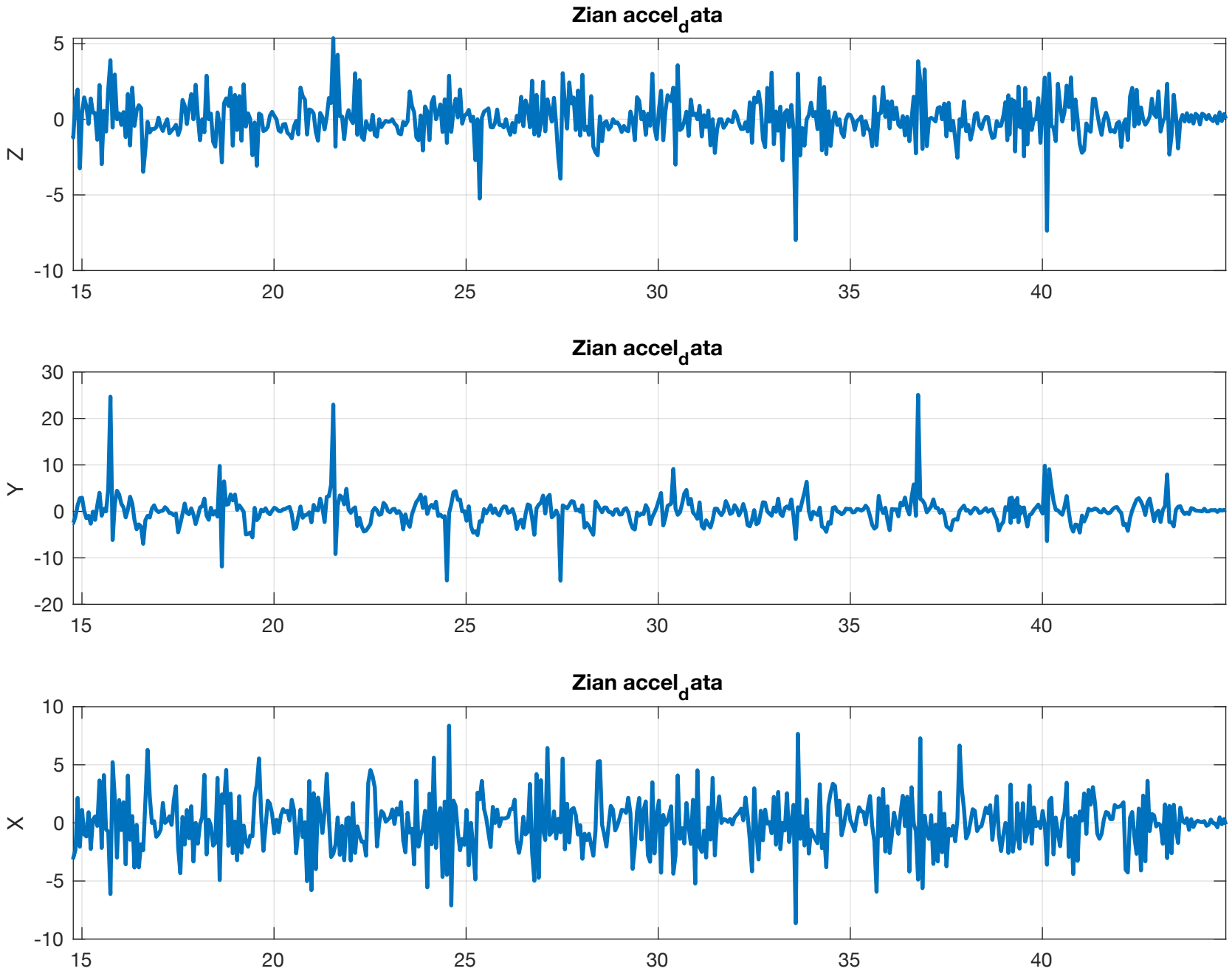
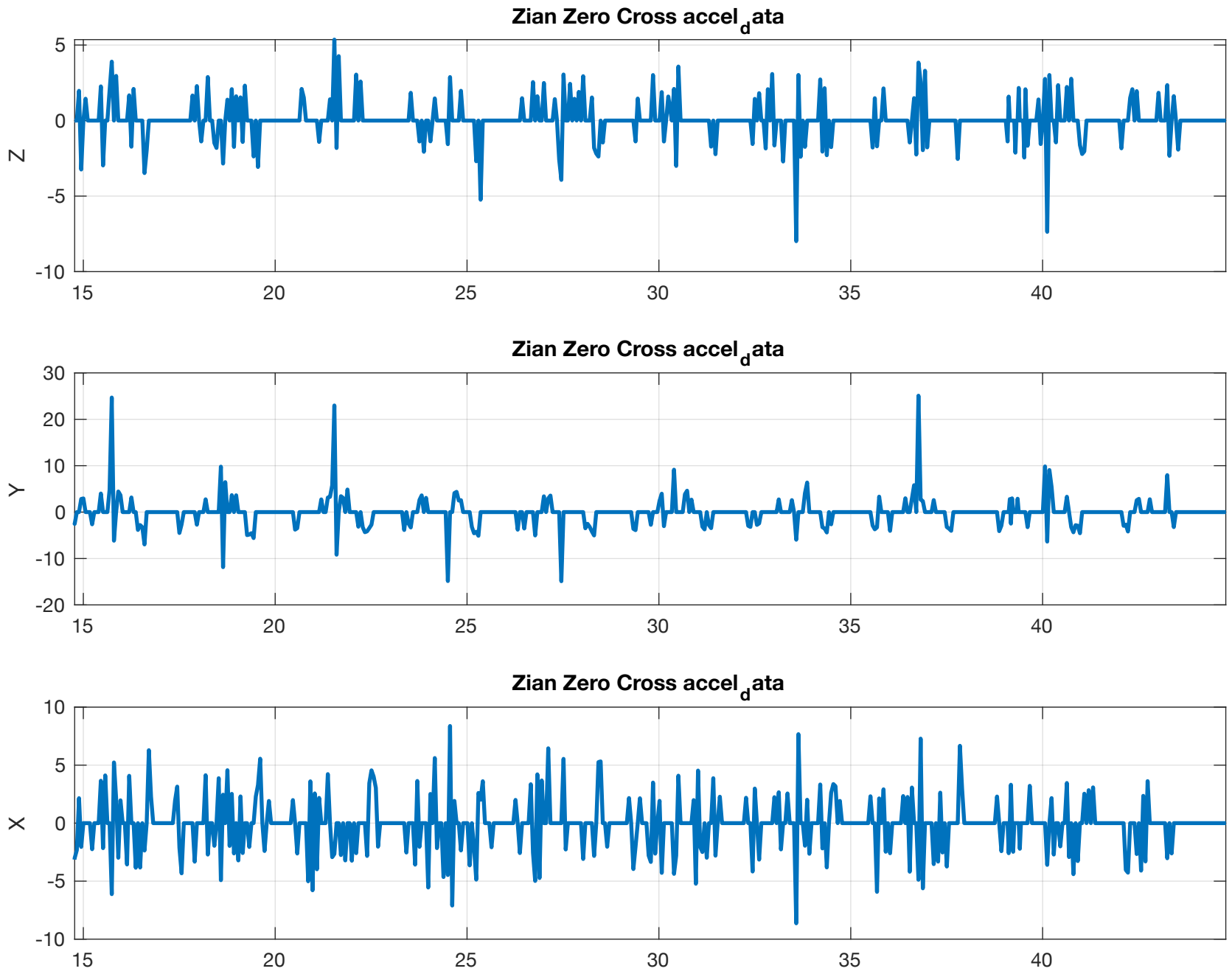
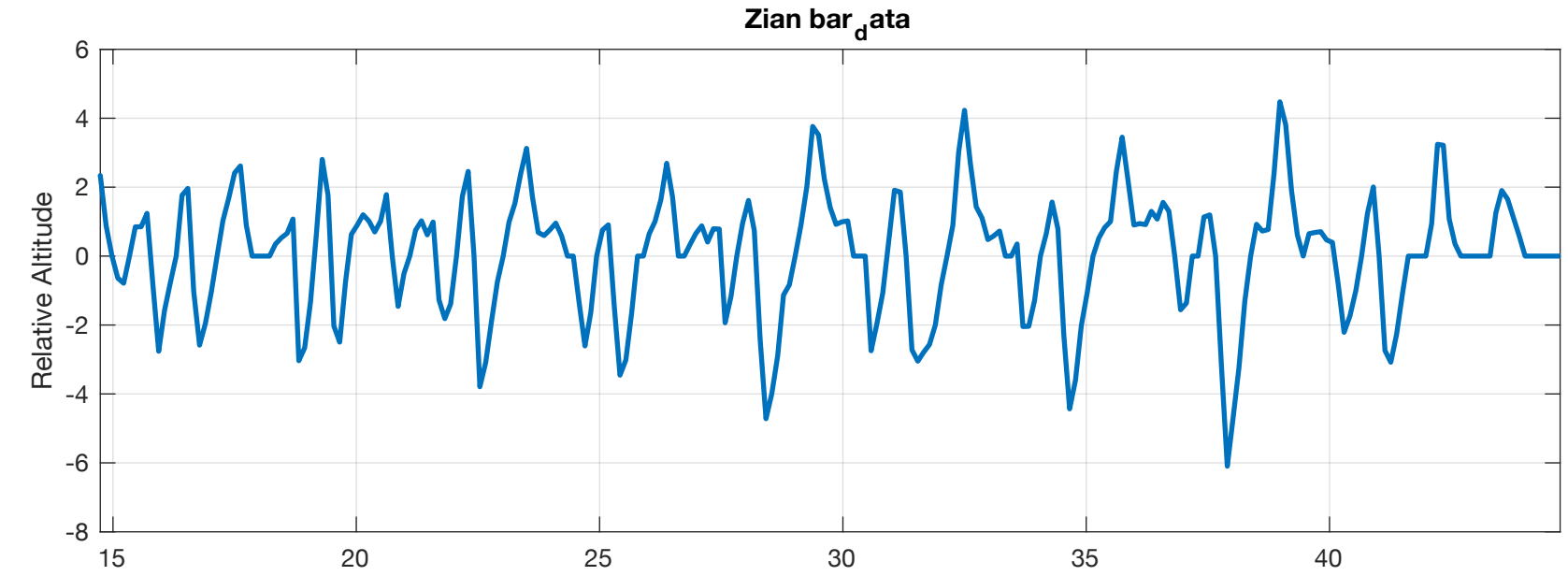
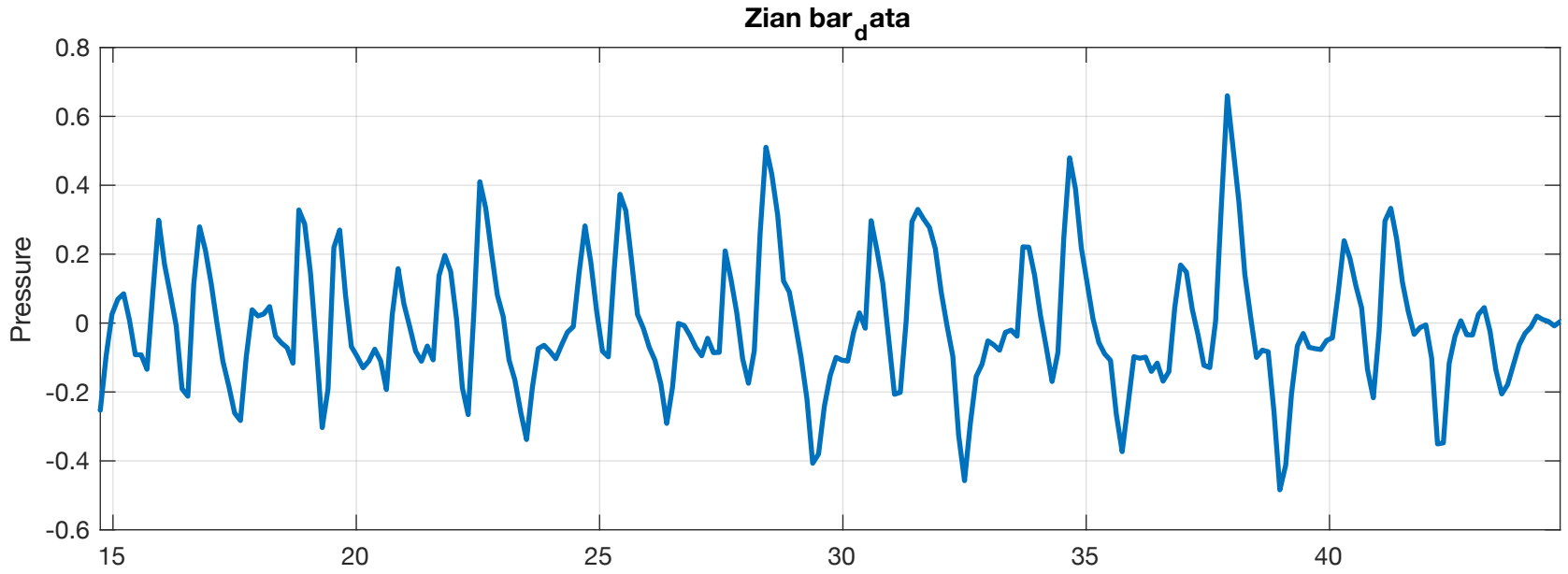
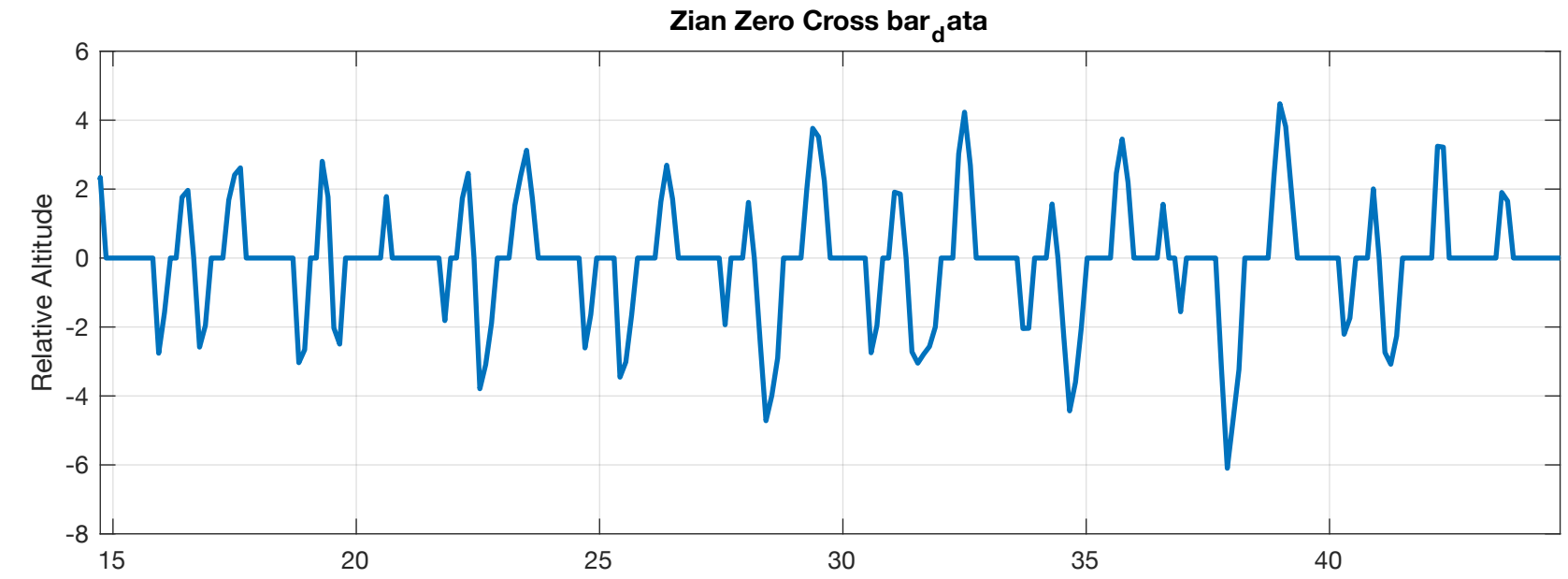

Zian accel_data
Z
5
0
-5
-10
15
20
25
30
35
40
Zian accel_data
Y
30
20
10
0
-10
-20
15
20
25
30
35
40
Zian accel_data
X
10
5
0
-5
-10
15
20
25
30
35
40

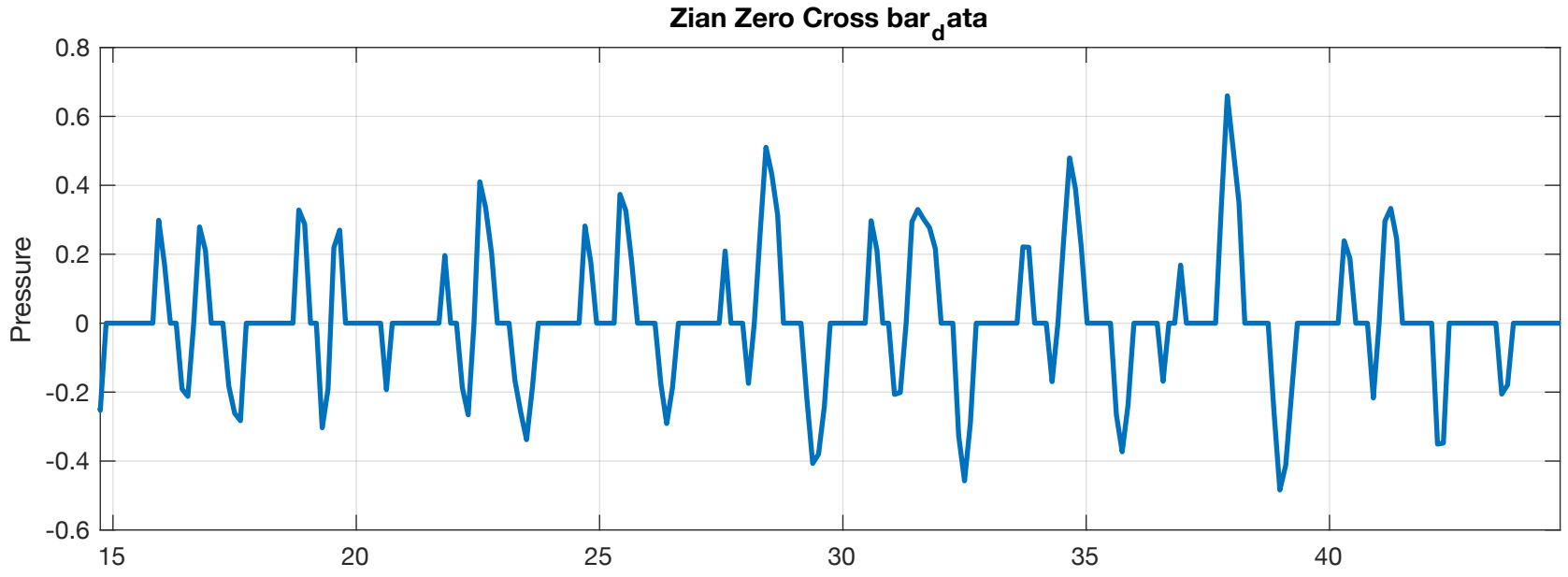

Zian Zero Cross accel_data
Z
5
0
-5
-10
15
20
25
30
35
40
Zian Zero Cross accel_data
Y
30
20
10
0
-10
-20
15
20
25
30
35
40
Zian Zero Cross accel_data
X
10
5
0
-5
-10
15
20
25
30
35
40

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-326.000	-264.000	-89.000	-81.250	"accel_data"
'Y'	-288.000	-245.000	-80.000	-44.000	"accel_data"
'X'	-338.000	-299.000	-96.000	-101.000	"accel_data"

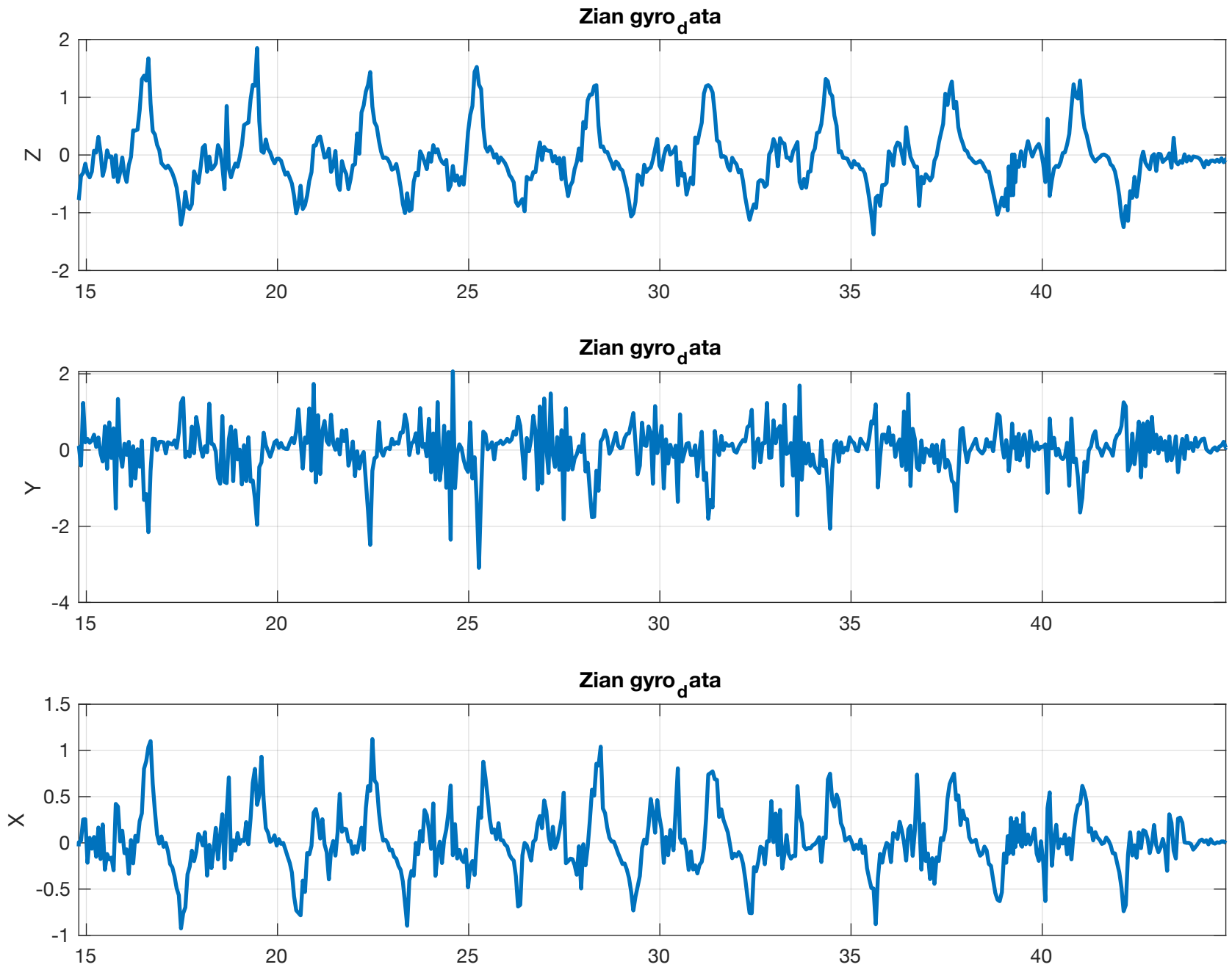

Zian bar_data
Relative Altitude
6
4
2
0
-2
-4
-6
-8
15
20
25
30
35
40

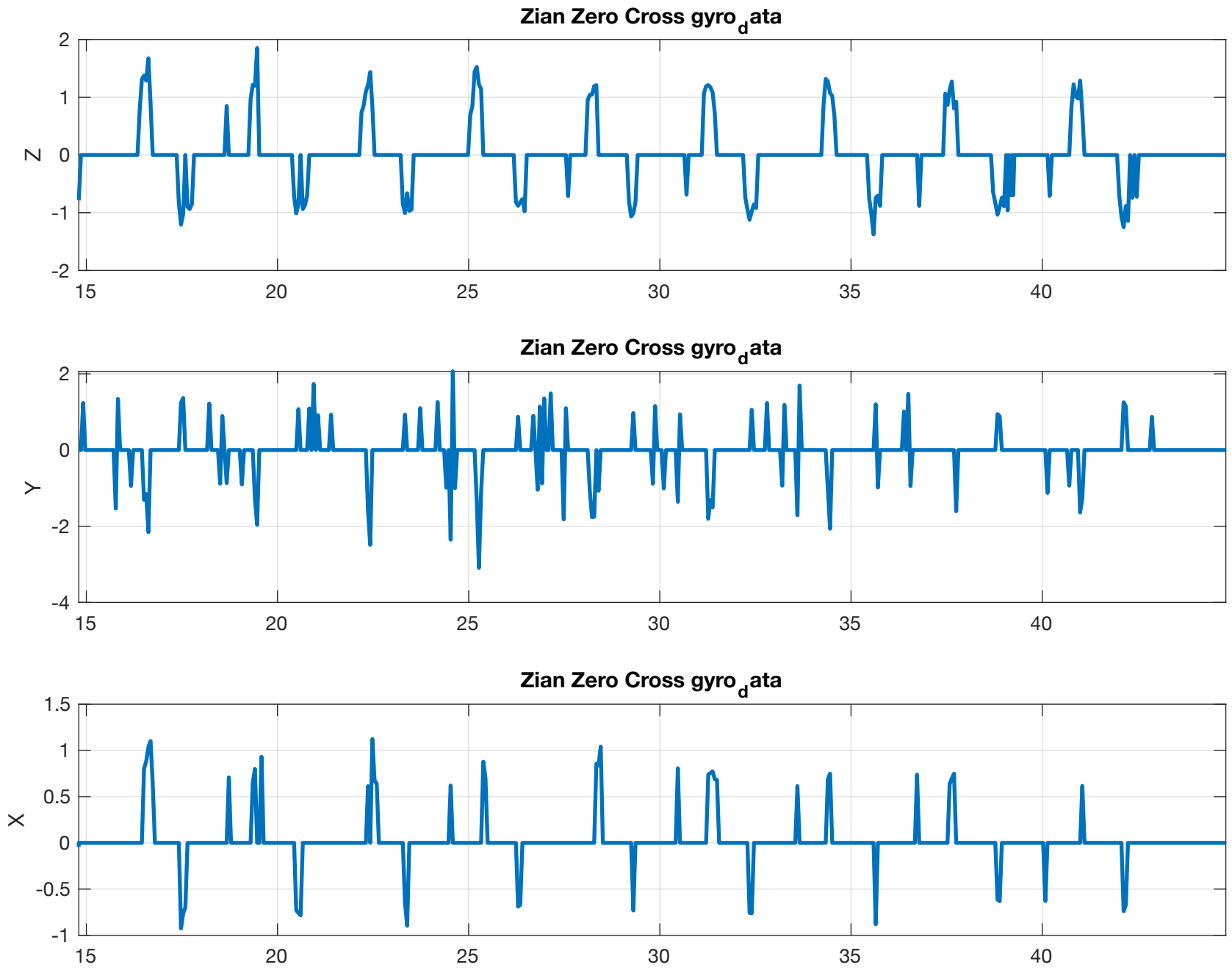

Zian bar_data
Pressure
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
15
20
25
30
35
40


Zian Zero Cross bar_data
Relative Altitude
6
4
2
0
-2
-4
-6
-8
15
20
25
30
35
40

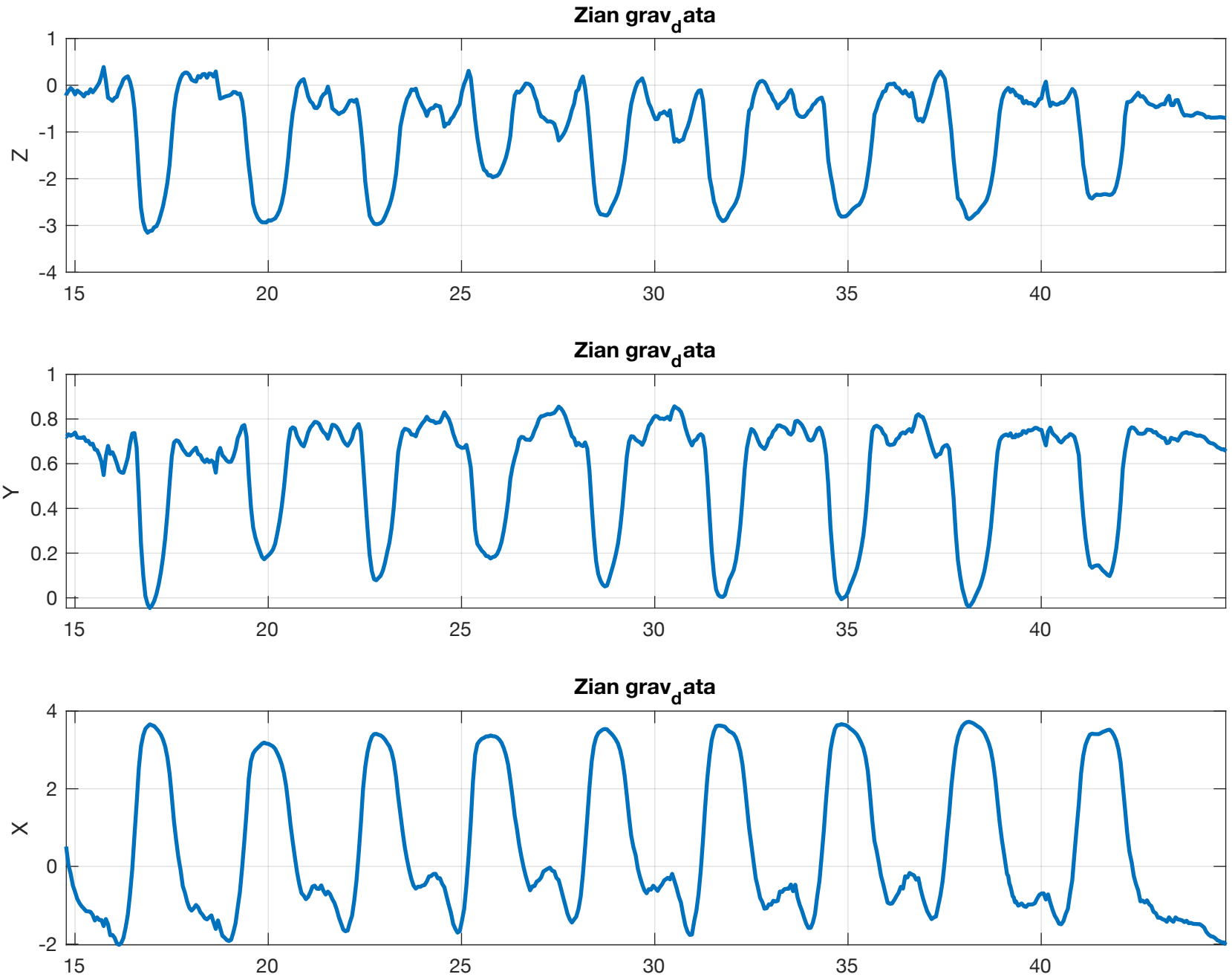

Zian Zero Cross bar_data
Pressure
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
15
20
25
30
35
40

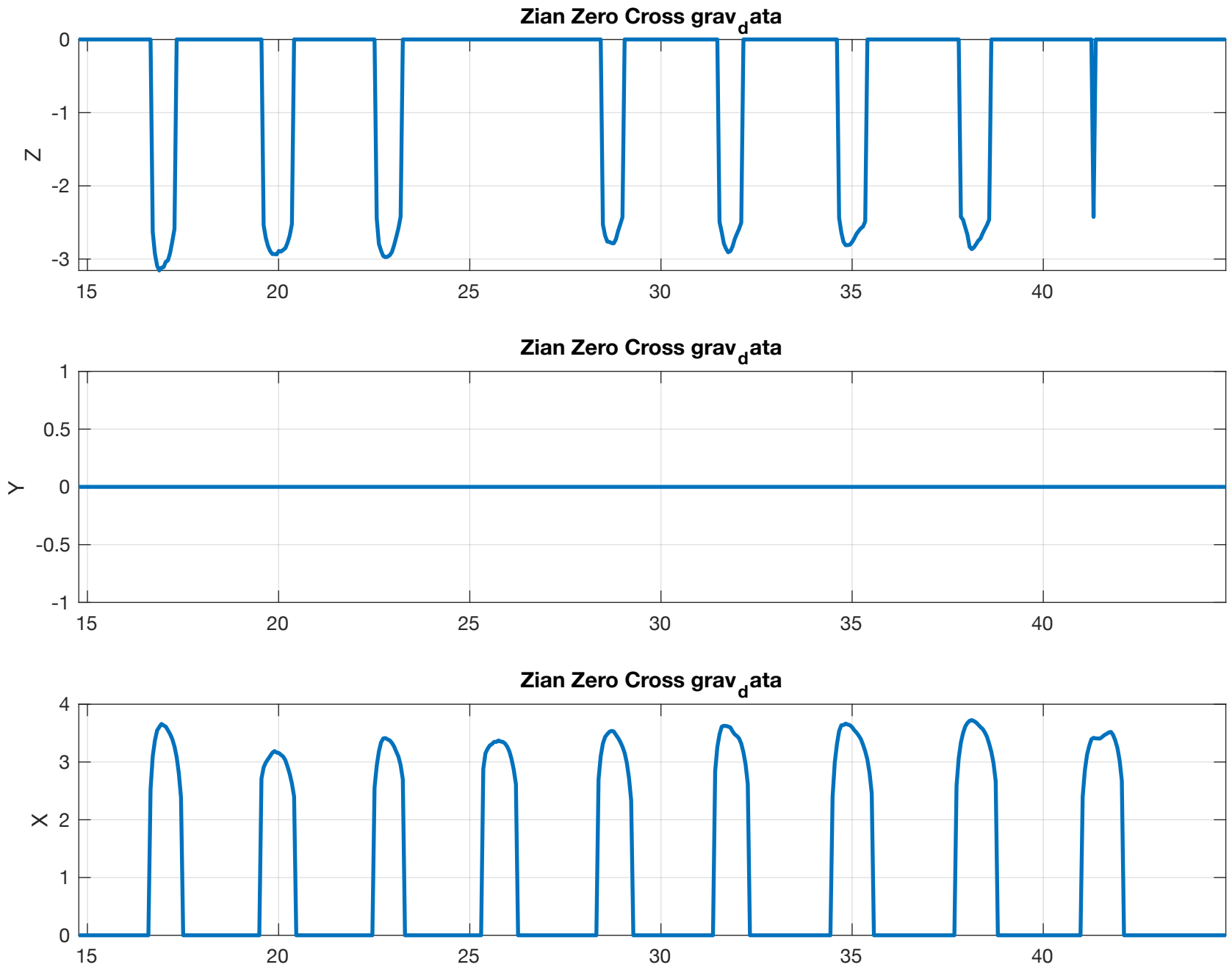
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-51.000	-41.000	-9.000	-15.000	"bar_data"
"Pressure"	-73.000	-57.000	-13.000	-15.000	"bar_data"


Zian gyro_data
Z
2
1
0
-1
-2
15
20
25
30
35
40
Zian gyro_data
Y
2
0
-2
-4
15
20
25
30
35
40
Zian gyro_data
X
1.5
1
0.5
0
-0.5
-1
15
20
25
30
35
40

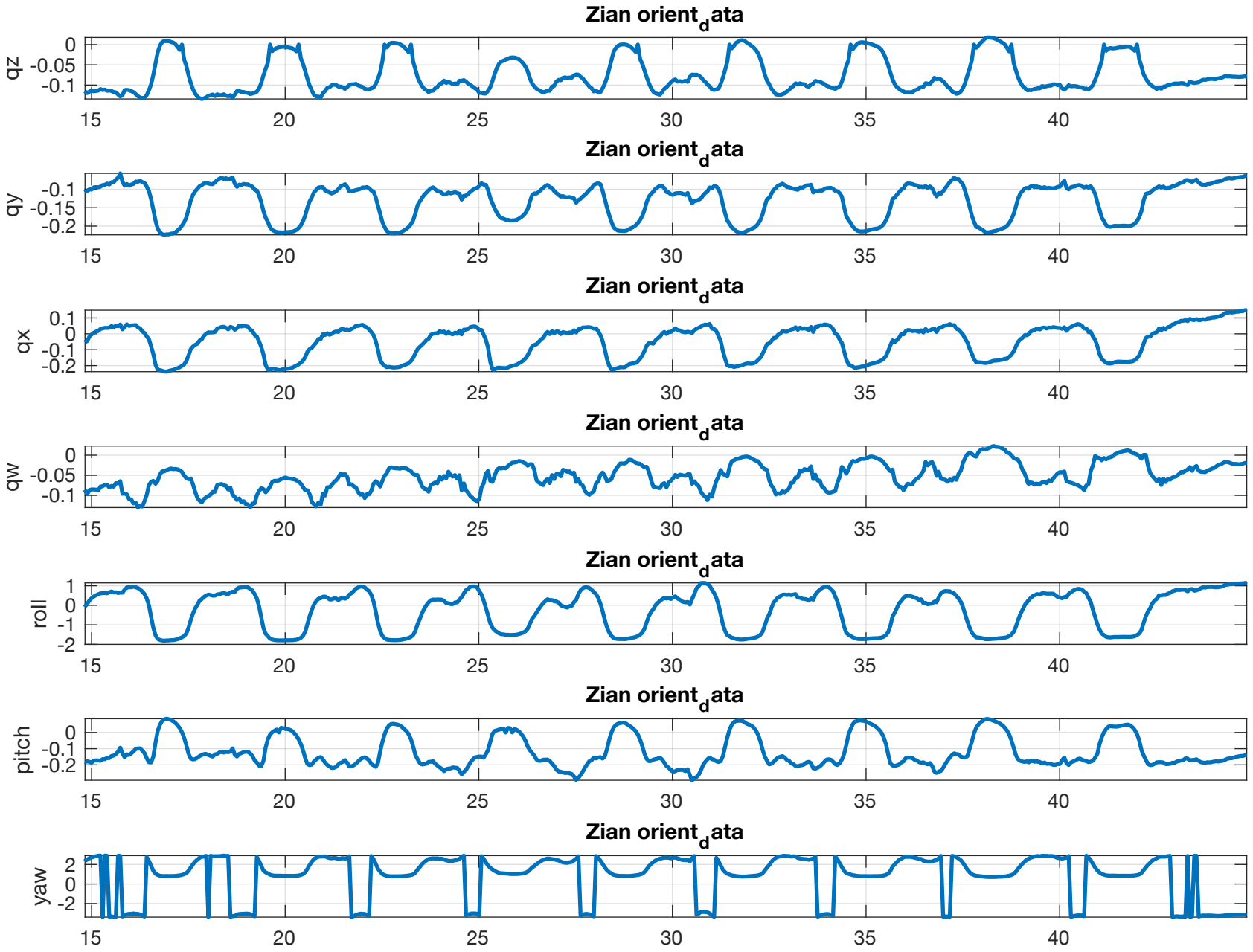

Zian Zero Cross gyro_data
Z
2
1
0
-1
-2
15
20
25
30
35
40
Zian Zero Cross gyro_data
Y
2
0
-2
-4
15
20
25
30
35
40
Zian Zero Cross gyro_data
X
1.5
1
0.5
0
-0.5
-1
15
20
25
30
35
40

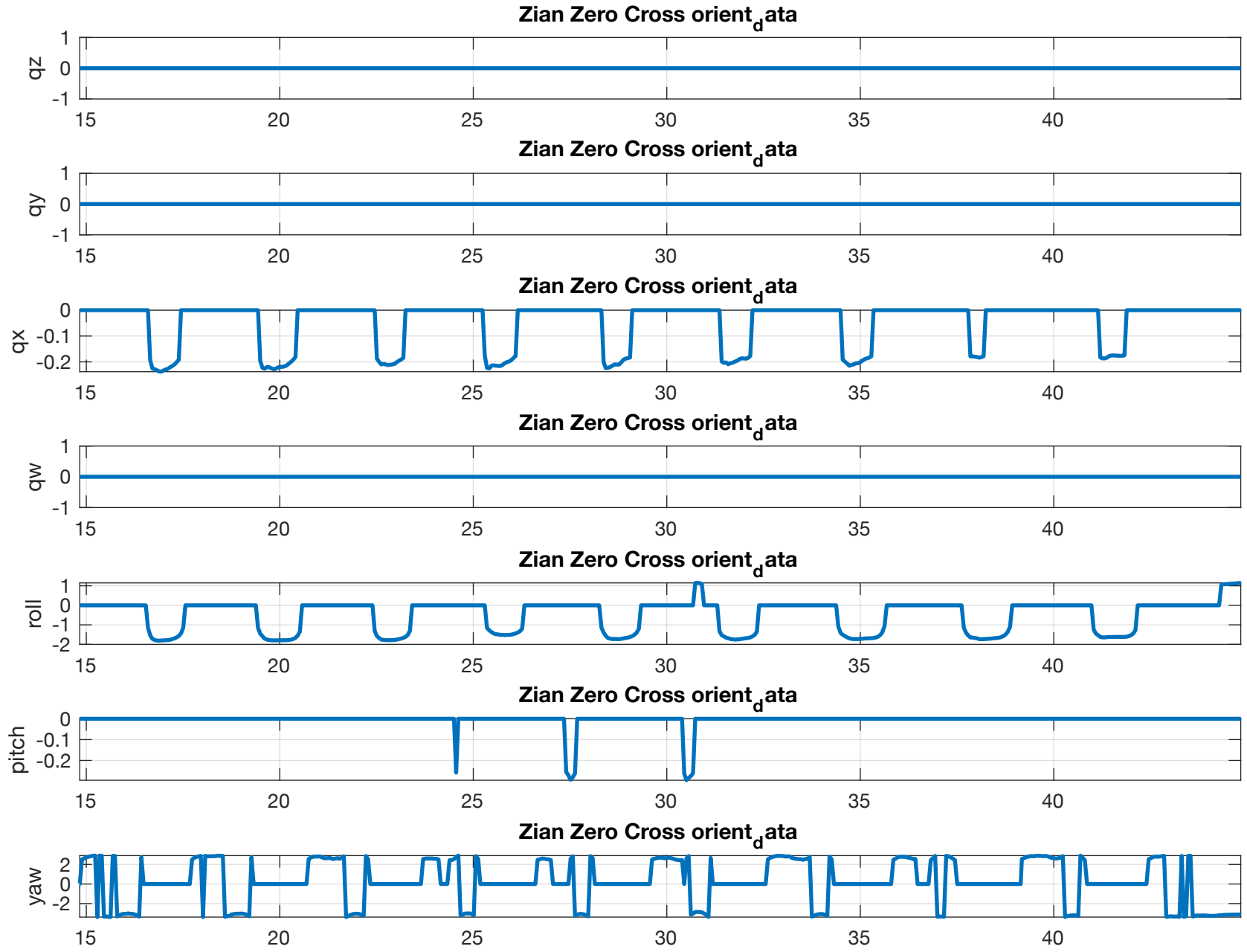
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-253.000	-128.000	-44.000	-22.000	"gyro_data"
'Y'	-325.000	-277.000	-98.000	-39.000	"gyro_data"
'X'	-266.000	-205.000	-66.000	-20.500	"gyro_data"


Zian grav_data
Z
1
0
-1
-2
-3
-4
15
20
25
30
35
40
Zian grav_data
Y
1
0.8
0.6
0.4
0.2
0
15
20
25
30
35
40
Zian grav_data
X
4
2
0
-2
15
20
25
30
35
40


Zian Zero Cross grav_data
Z
0
-1
-2
-3
15
20
25
30
35
40
Zian Zero Cross grav_data
Y
1
0.5
0
-0.5
-1
15
20
25
30
35
40
Zian Zero Cross grav_data
X
4
3
2
1
0
15
20
25
30
35
40

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-143.000	-53.000	-12.000	2.750	"grav_data"
'Y'	-116.000	-95.000	-20.000	7.000	"grav_data"
'X'	-119.000	-17.000	-4.000	0.000	"grav_data"


Zian orientdata
qz
0
-0.05
-0.1
15
20
25
30
35
40
Zian orientdata
qy
-0.1
-0.15
-0.2
15
20
25
30
35
40
Zian orientdata
qx
0.1
0
-0.1
-0.2
15
20
25
30
35
40
Zian orientdata
qw
0
-0.05
-0.1
15
20
25
30
35
40
Zian orientdata
roll
1
0
-1
-2
15
20
25
30
35
40
Zian orientdata
pitch
0
-0.1
-0.2
15
20
25
30
35
40
Zian orientdata
yaw
2
0
-2
15
20
25
30
35
40


Zian Zero Cross orientdata
qz
qy
qx
qw
roll
pitch
yaw
15
20
25
30
35
40

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-161.000	-19.000	-3.000	6.750	"orient_data"
'qy'	-140.000	-18.000	0.000	7.750	"orient_data"
'qx'	-170.000	-139.000	-31.000	-0.750	"orient_data"
'qw'	-178.000	-9.000	4.000	4.750	"orient_data"
'roll'	-134.000	-112.000	-24.000	0.500	"orient_data"
'pitch'	-119.000	-32.000	-9.000	4.750	"orient_data"
'yaw'	-130.000	-66.000	-21.000	-17.000	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Y"	'zero_cross'	44.000
'bar_data'	"Relative Altitude"	'double_findpeaks'	9.000
'gyro_data'	"X"	'zero_cross'	20.500
'grav_data'	"X"	'zero_cross'	0.000
'orient_data'	"qy"	'double_findpeaks'	0.000