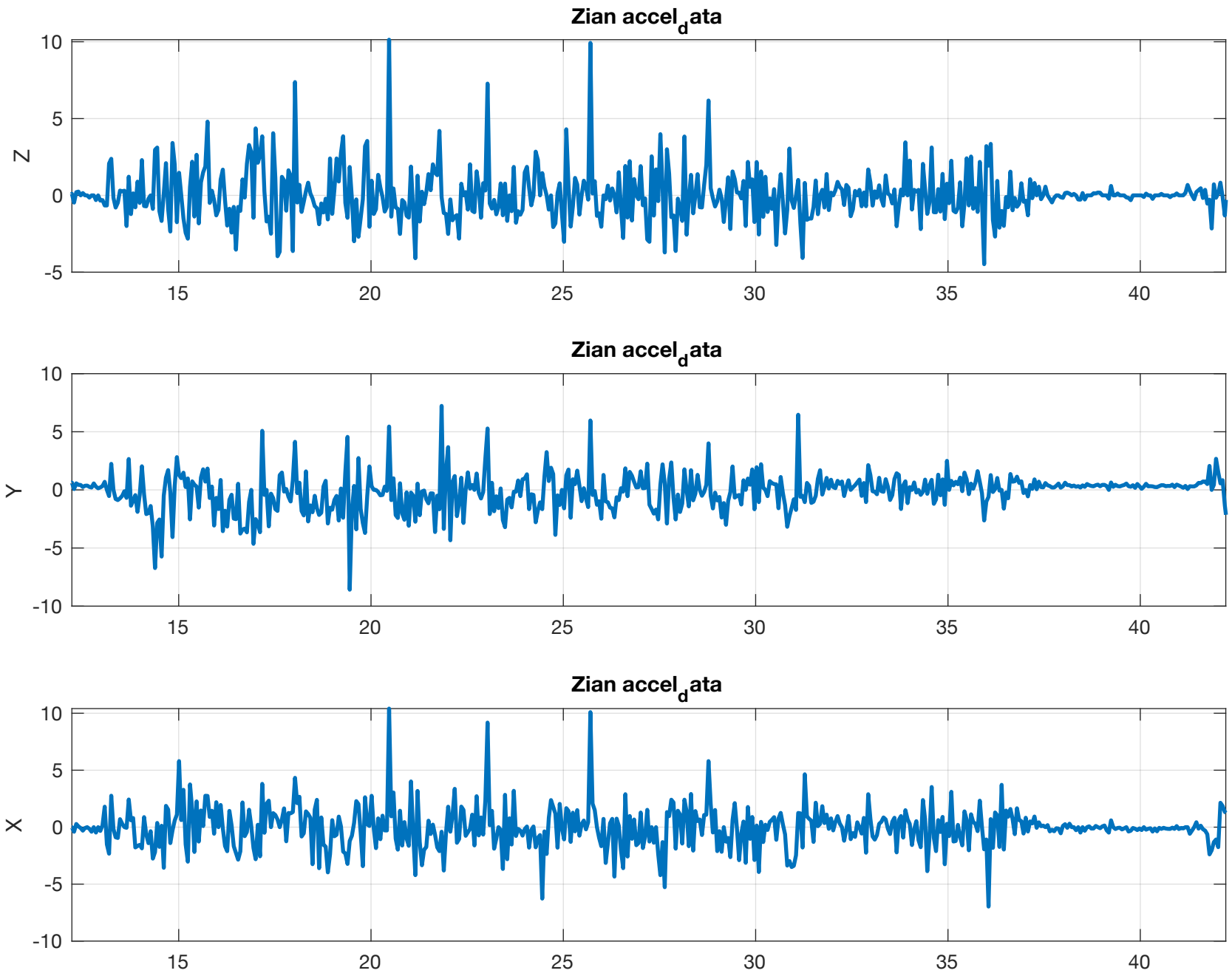
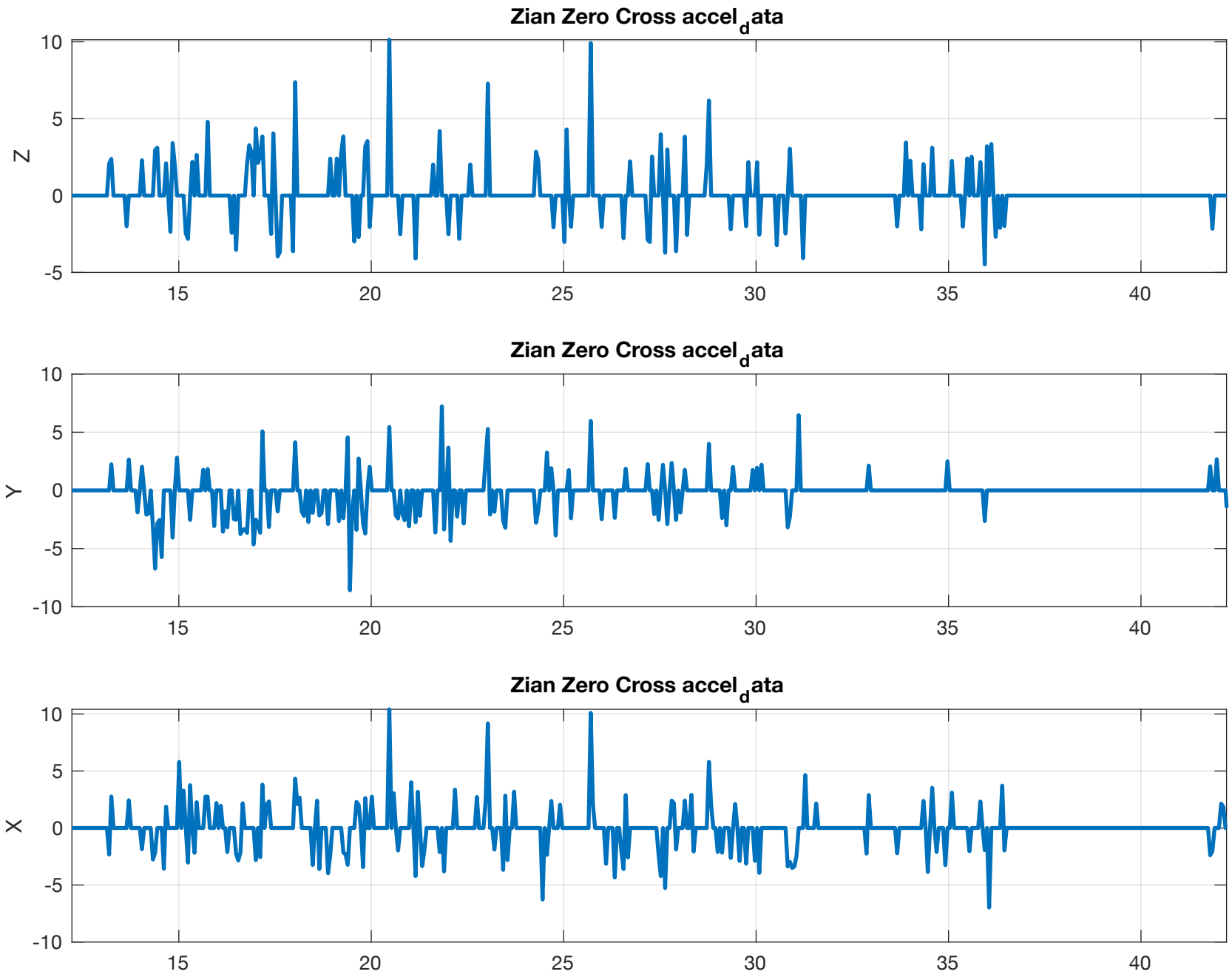
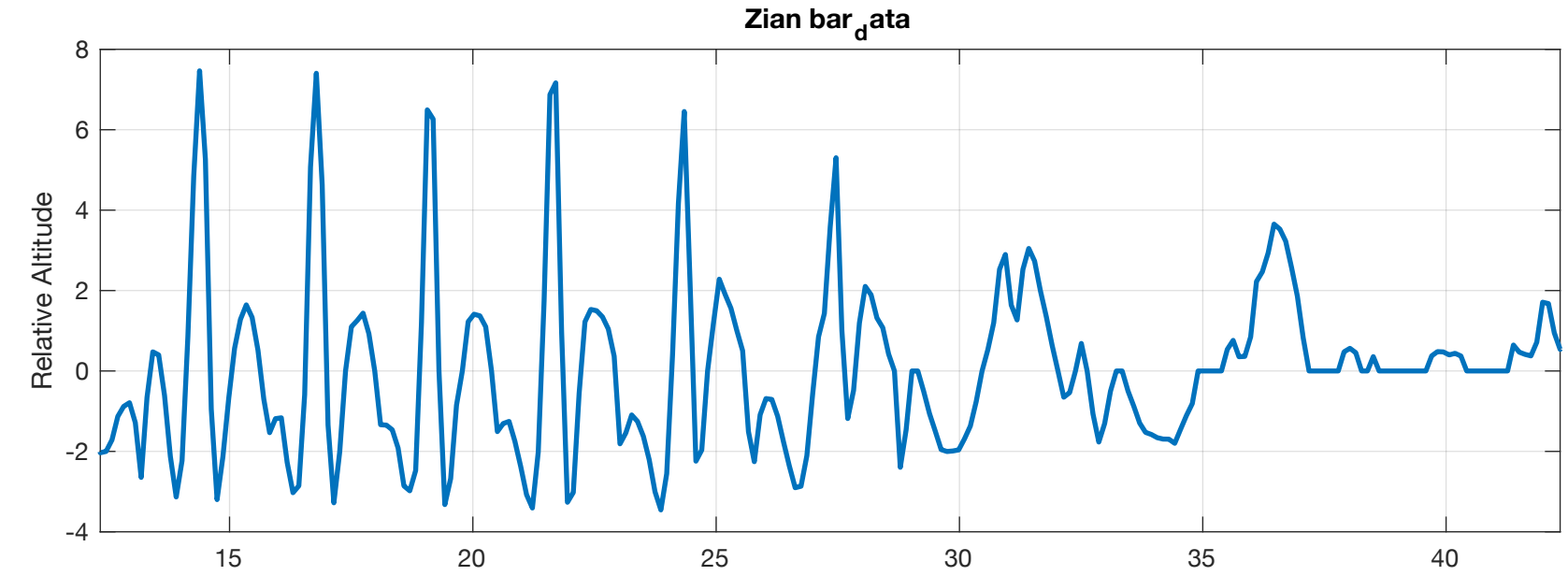
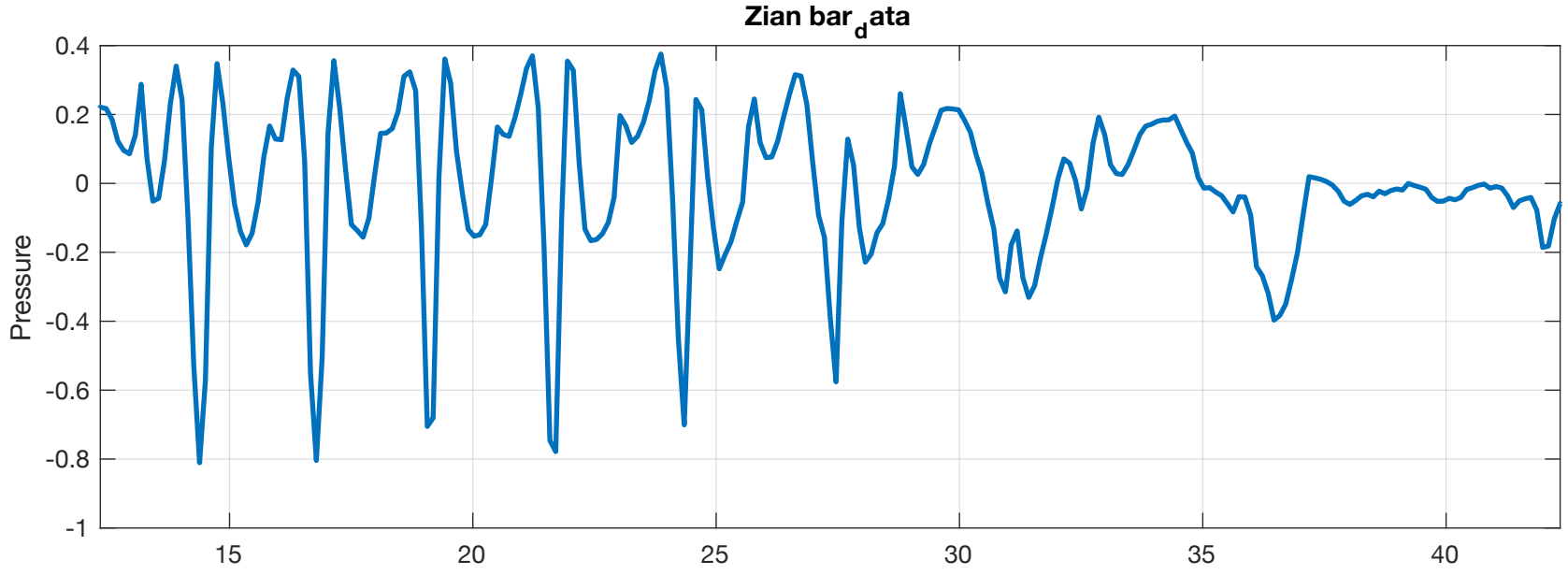
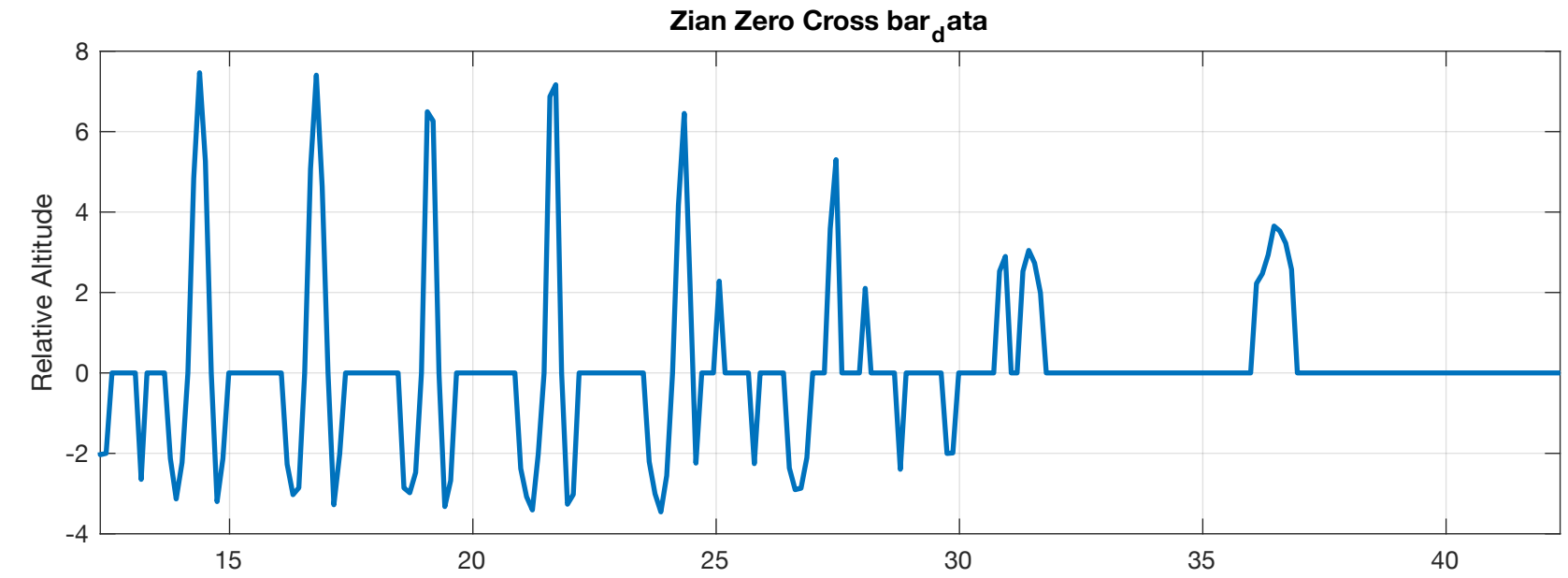

Zian accel_data
Z
10
5
0
-5
15
20
25
30
35
40
Zian accel_data
Y
10
5
0
-5
-10
15
20
25
30
35
40
Zian accel_data
X
10
5
0
-5
-10
15
20
25
30
35
40

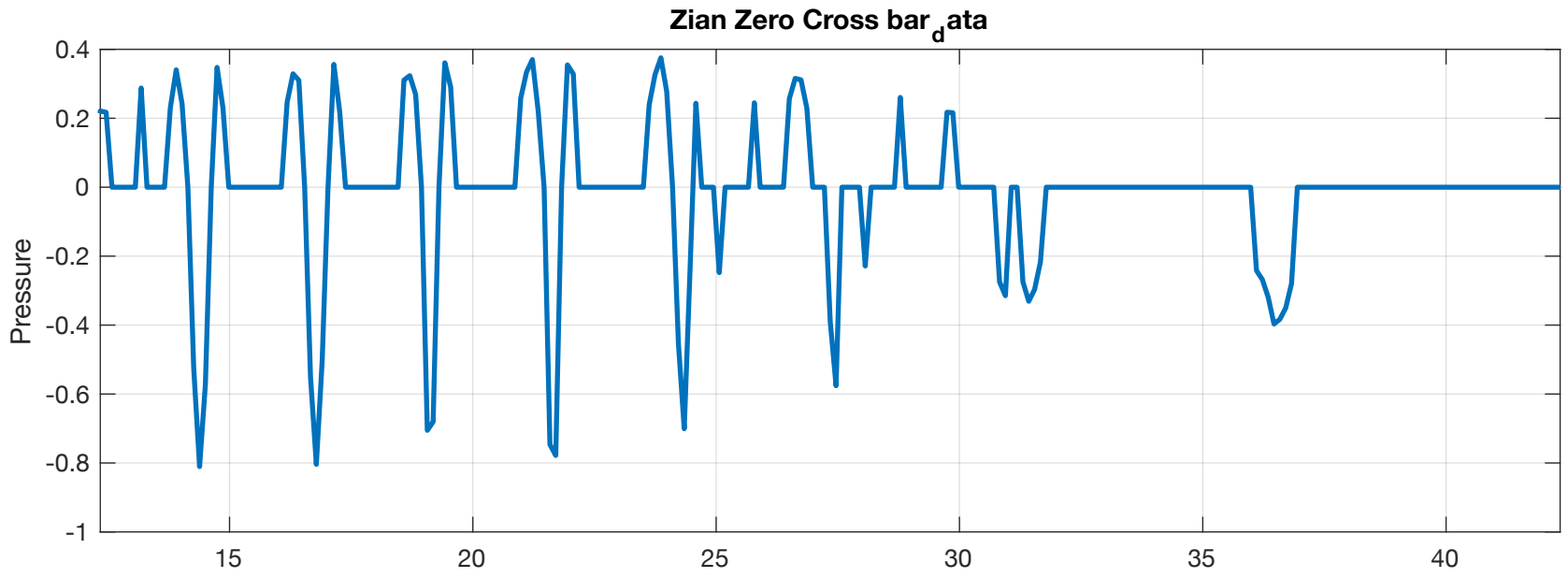

Zian Zero Cross accel_data
Z
10
5
0
-5
15
20
25
30
35
40
Zian Zero Cross accel_data
Y
10
5
0
-5
-10
15
20
25
30
35
40
Zian Zero Cross accel_data
X
10
5
0
-5
-10
15
20
25
30
35
40

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-265.000	-205.000	-80.000	-45.500	"accel_data"
'Y'	-271.000	-220.000	-82.000	-49.500	"accel_data"
'X'	-269.000	-217.000	-75.000	-59.500	"accel_data"

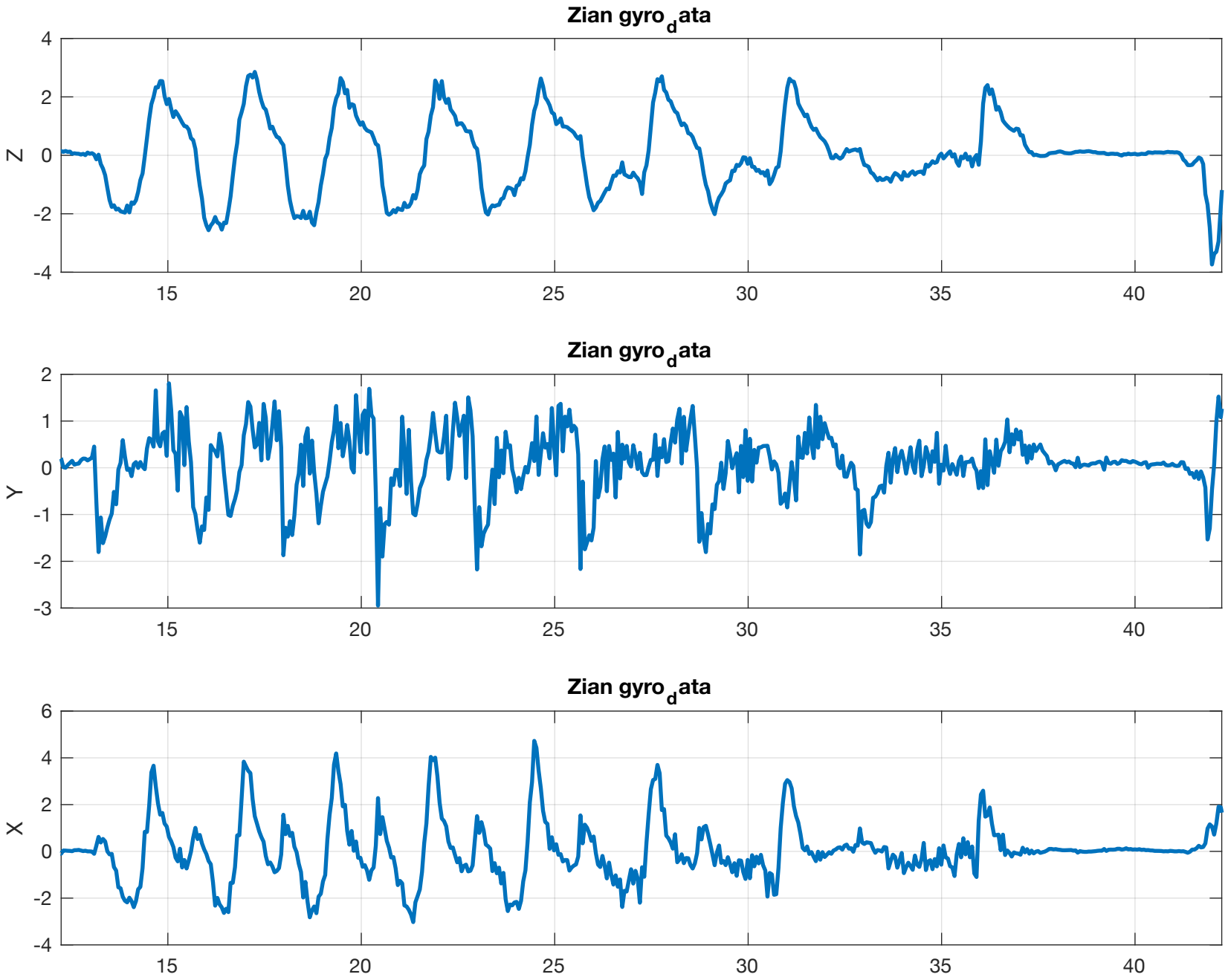

Zian bar_data
Relative Altitude
8
6
4
2
0
-2
-4
15
20
25
30
35
40

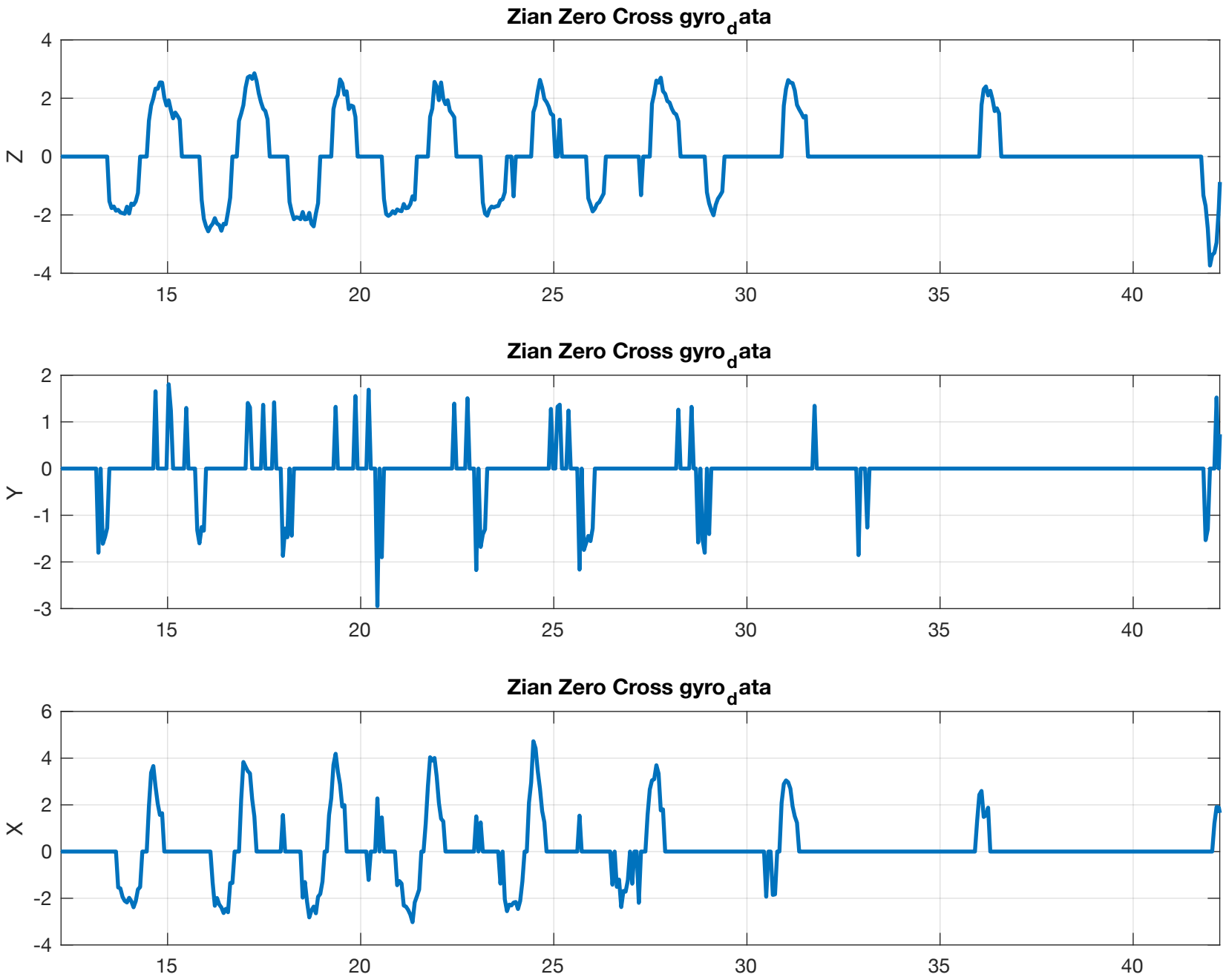

Zian bar_data
Pressure
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
15
20
25
30
35
40


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

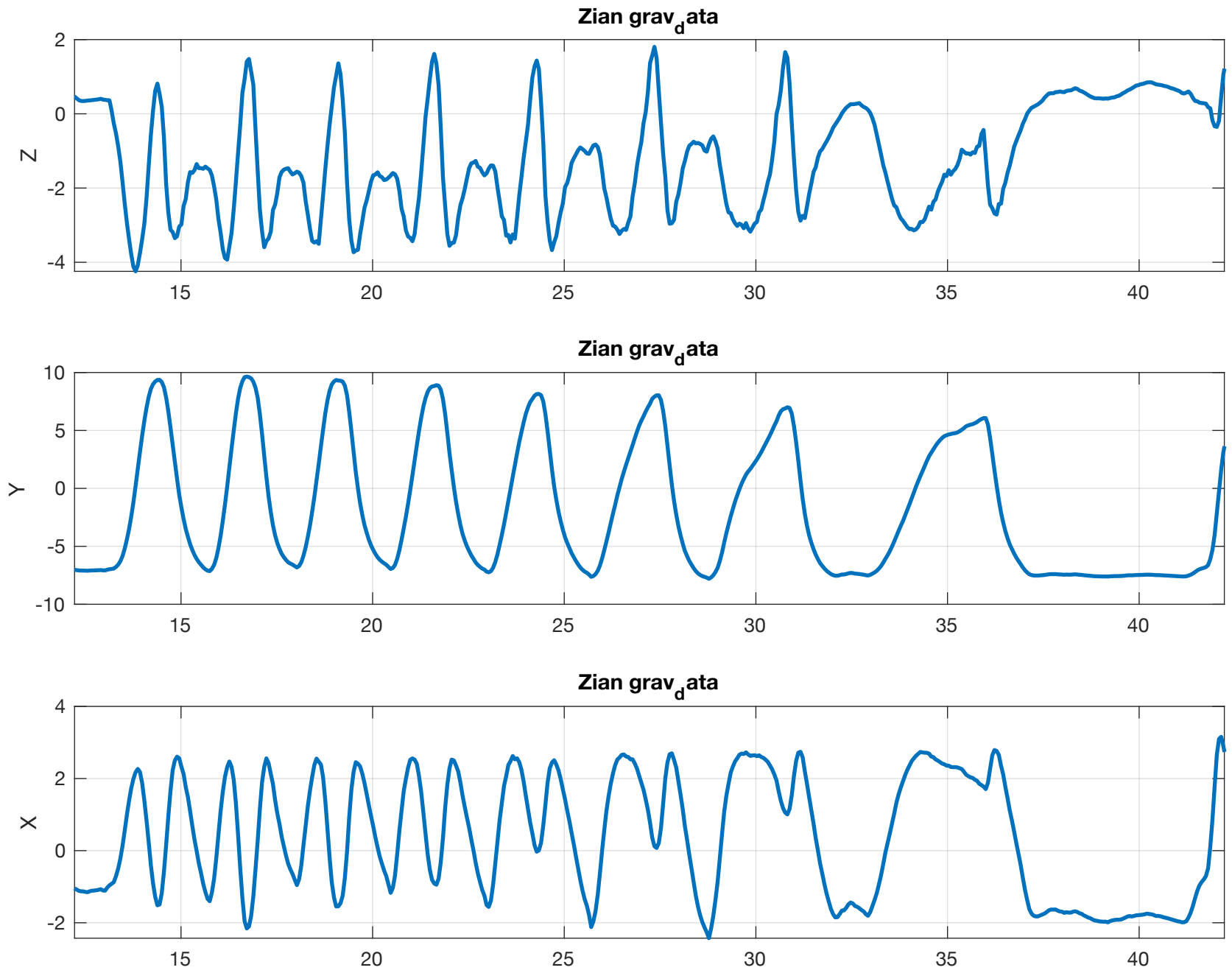

Zian Zero Cross bar_data
Pressure
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
15
20
25
30
35
40

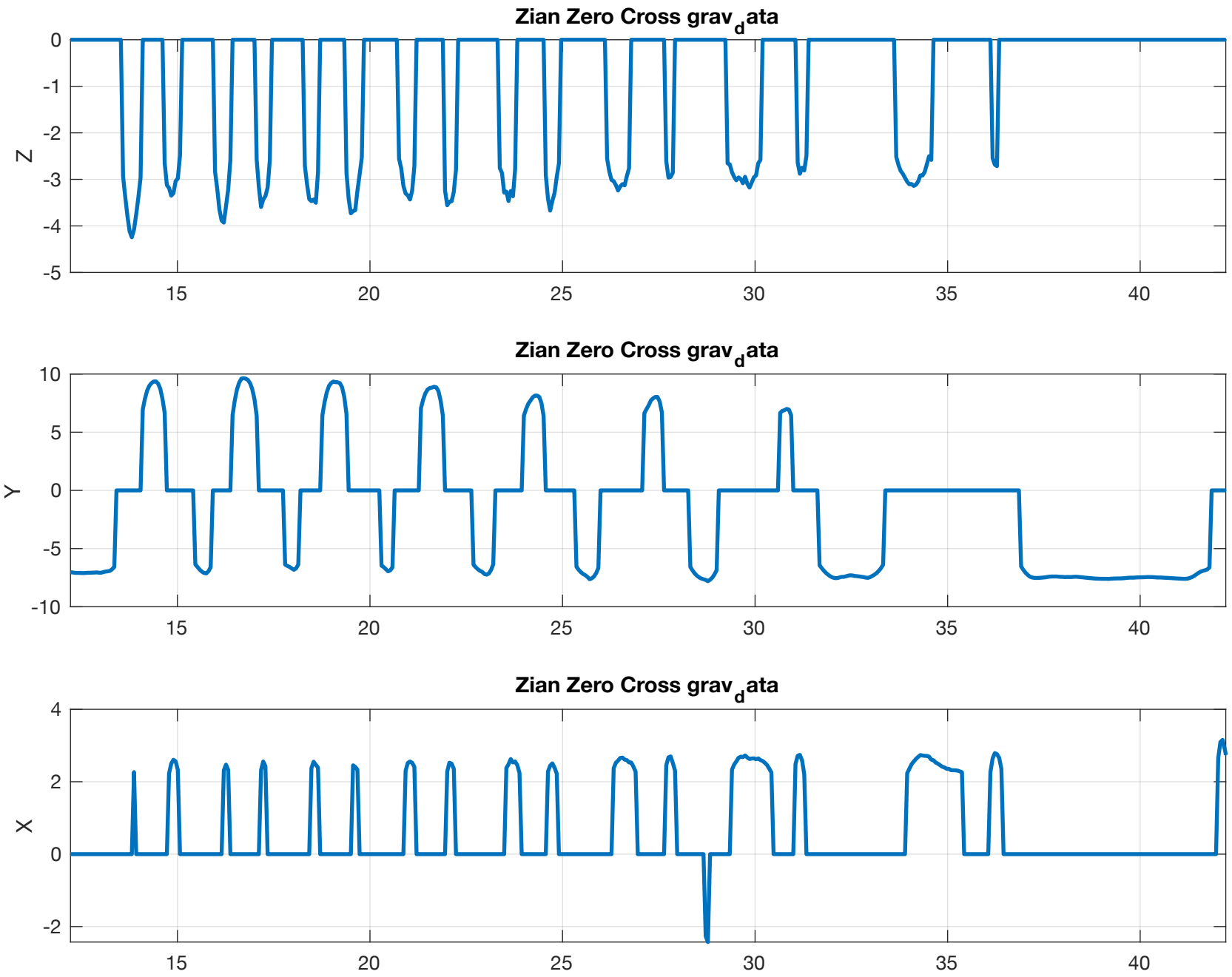
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-38.000	-28.000	-7.000	-11.500	"bar_data"
"Pressure"	-44.000	-31.000	-5.000	-11.500	"bar_data"


Zian gyro_data
Z
4
2
0
-2
-4
15
20
25
30
35
40
Zian gyro_data
Y
2
1
0
-1
-2
-3
15
20
25
30
35
40
Zian gyro_data
X
6
4
2
0
-2
-4
15
20
25
30
35
40

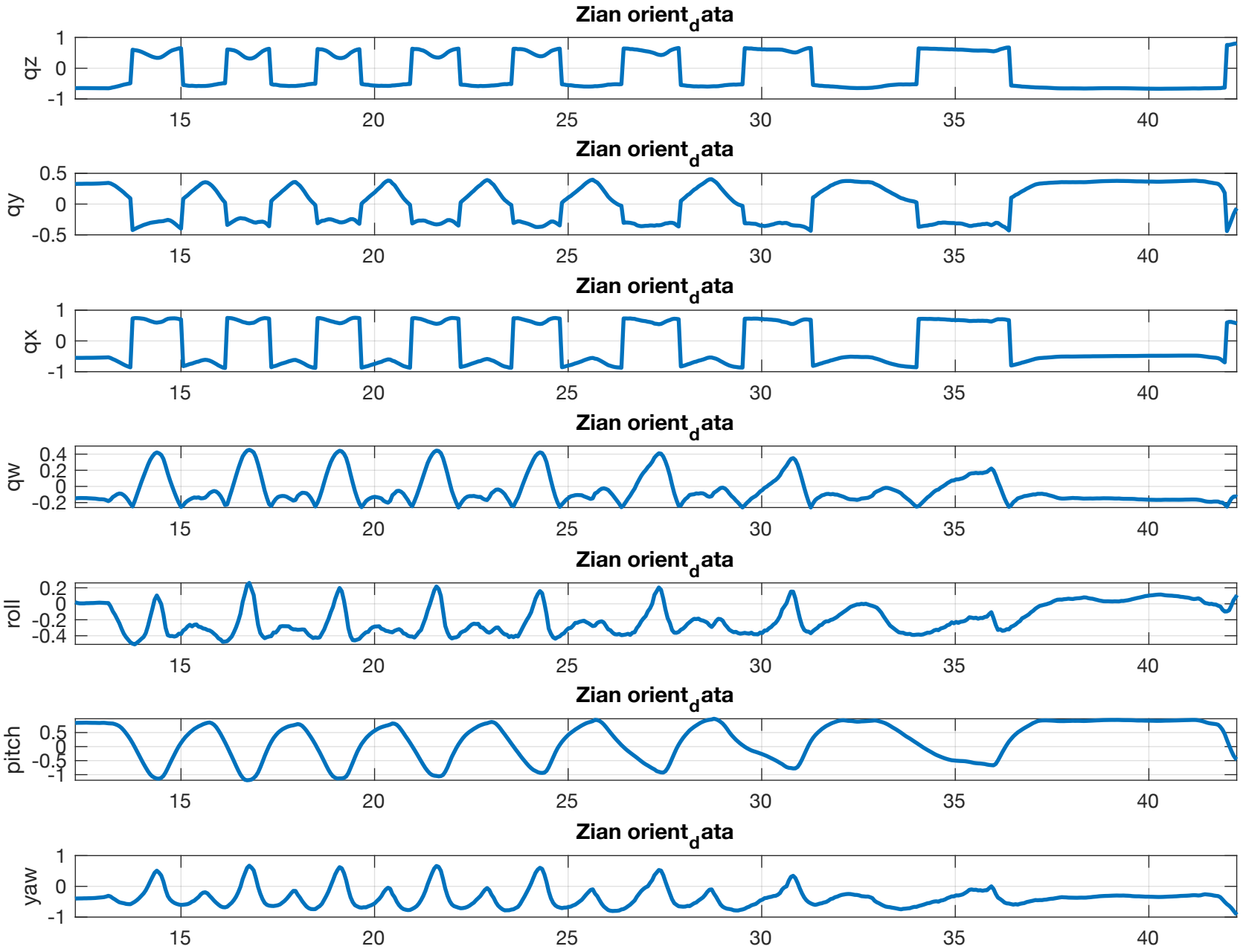

Zian Zero Cross gyro_data
Z
4
2
0
-2
-4
15
20
25
30
35
40
Zian Zero Cross gyro_data
Y
2
1
0
-1
-2
-3
15
20
25
30
35
40
Zian Zero Cross gyro_data
X
6
4
2
0
-2
-4
15
20
25
30
35
40

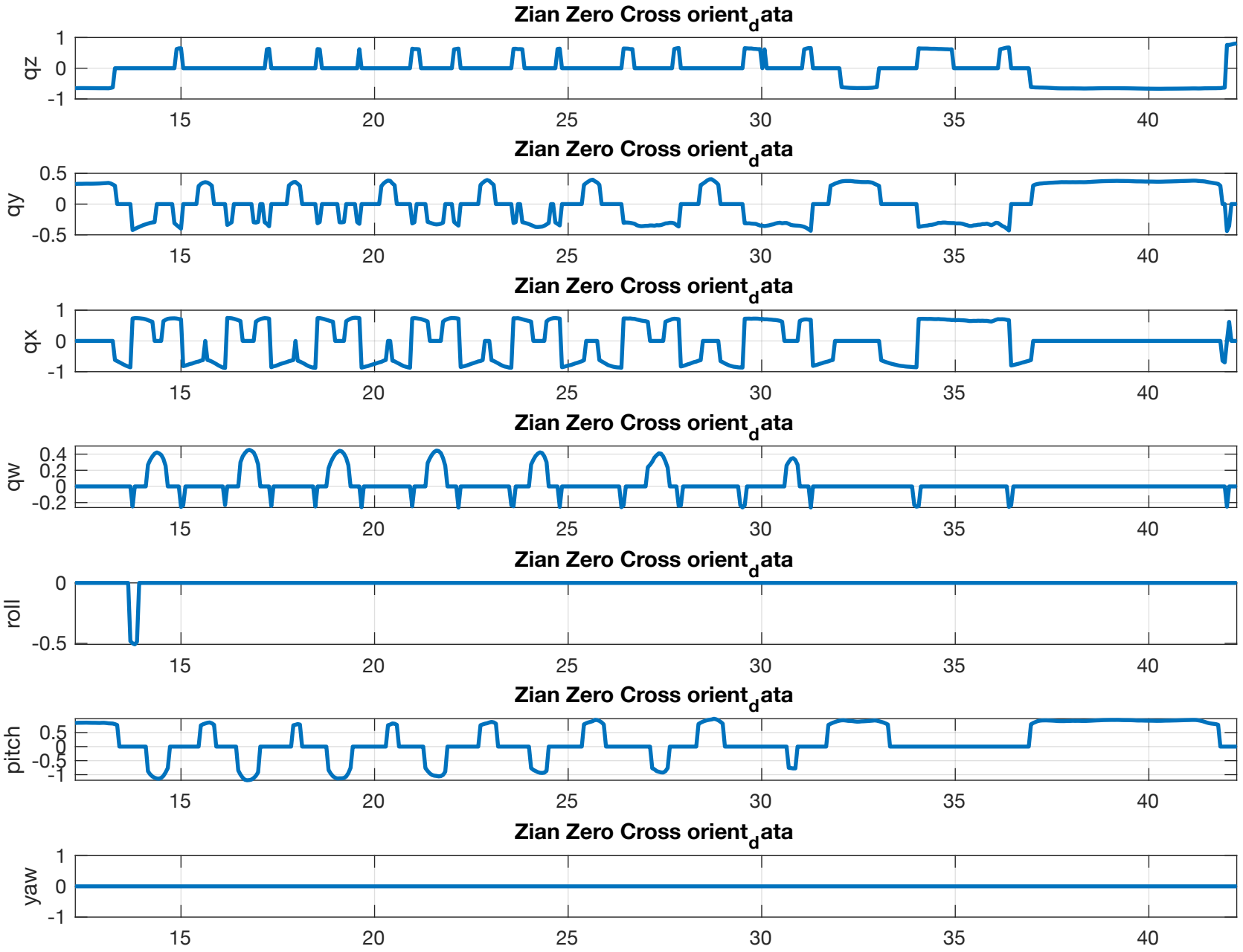
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-164.000	-110.000	-25.000	-11.000	"gyro_data"
'Y'	-243.000	-197.000	-65.000	-19.500	"gyro_data"
'X'	-205.000	-138.000	-37.000	-15.000	"gyro_data"


Zian grav_data
Z
2
0
-2
-4
15
20
25
30
35
40
Zian grav_data
Y
10
5
0
-5
-10
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
-4
-5
15
20
25
30
35
40
Zian Zero Cross grav_data
Y
10
5
0
-5
-10
15
20
25
30
35
40
Zian Zero Cross grav_data
X
4
2
0
-2
15
20
25
30
35
40

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-79.000	-43.000	-14.000	-5.250	"grav_data"
'Y'	-43.000	-24.000	0.000	-2.000	"grav_data"
'X'	-60.000	-29.000	-6.000	-4.750	"grav_data"


Zian orientdata
qz
1
0
-1
15
20
25
30
35
40
Zian orientdata
qy
0.5
0
-0.5
15
20
25
30
35
40
Zian orientdata
qx
1
0
-1
15
20
25
30
35
40
Zian orientdata
qw
0.4
0.2
0
-0.2
15
20
25
30
35
40
Zian orientdata
roll
0.2
0
-0.2
-0.4
15
20
25
30
35
40
Zian orientdata
pitch
0.5
0
-0.5
-1
15
20
25
30
35
40
Zian orientdata
yaw
1
0
-1
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'	-88.000	-49.000	-11.000	-6.000	"orient_data"
'qy'	-67.000	-29.000	-8.000	-9.250	"orient_data"
'qx'	-85.000	-53.000	-9.000	-12.000	"orient_data"
'qw'	-74.000	-20.000	-9.000	-7.250	"orient_data"
'roll'	-90.000	-40.000	-10.000	0.250	"orient_data"
'pitch'	-41.000	-19.000	0.000	-2.500	"orient_data"
'yaw'	-64.000	-17.000	-6.000	5.750	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Z"	'zero_cross'	45.500
'bar_data'	"Pressure"	'double_findpeaks'	5.000
'gyro_data'	"Z"	'zero_cross'	11.000
'grav_data'	"Y"	'double_findpeaks'	0.000
'orient_data'	"pitch"	'double_findpeaks'	0.000