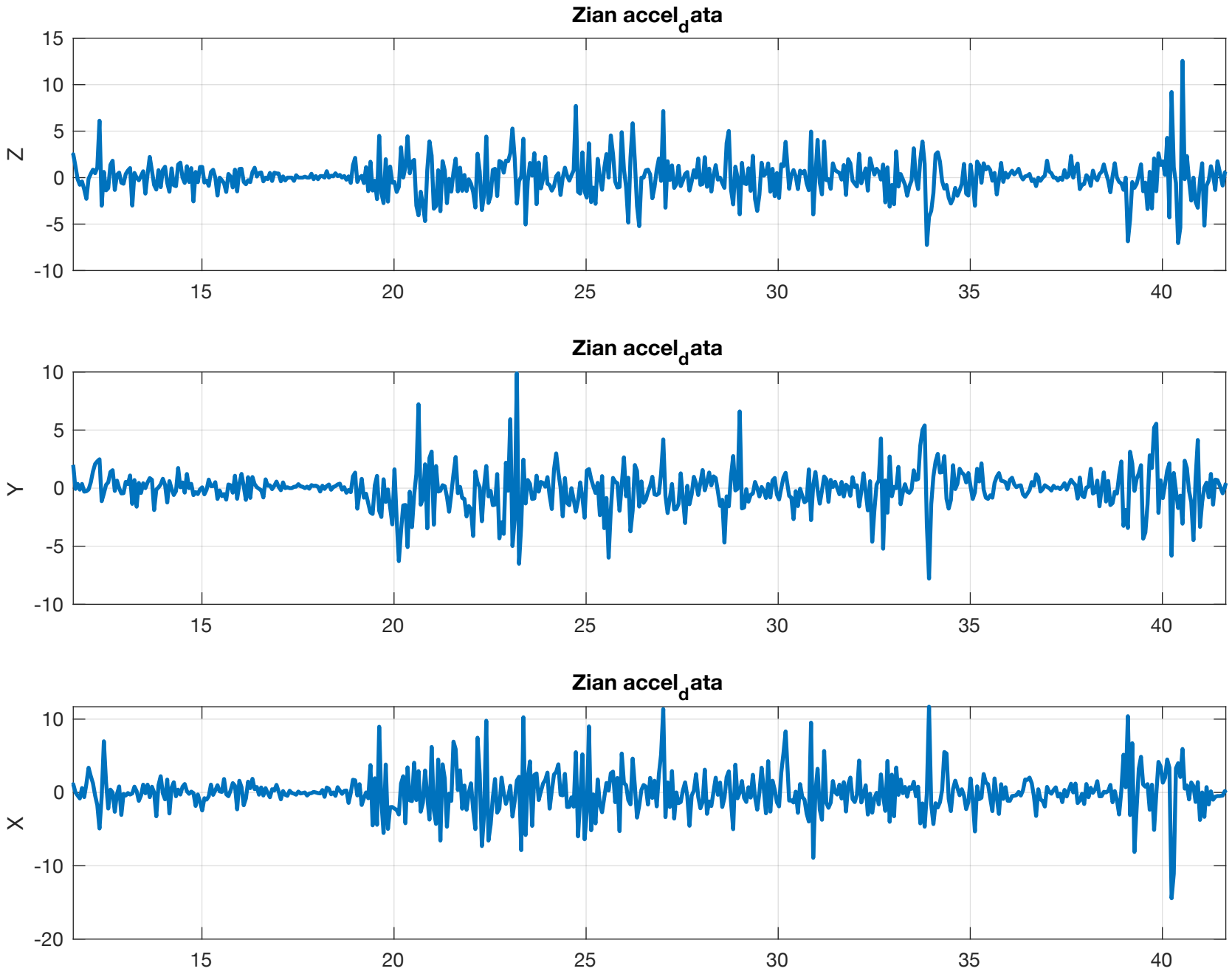
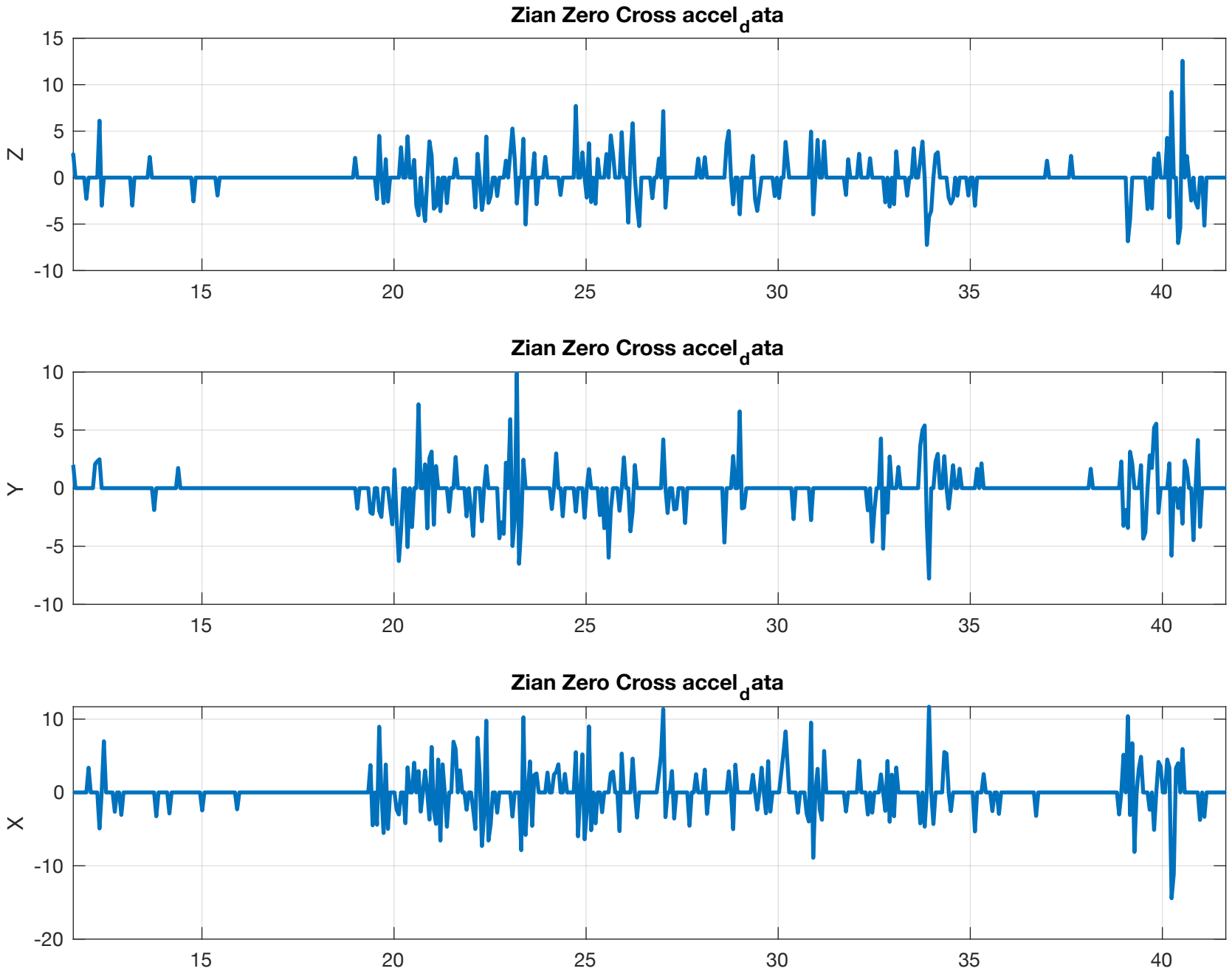
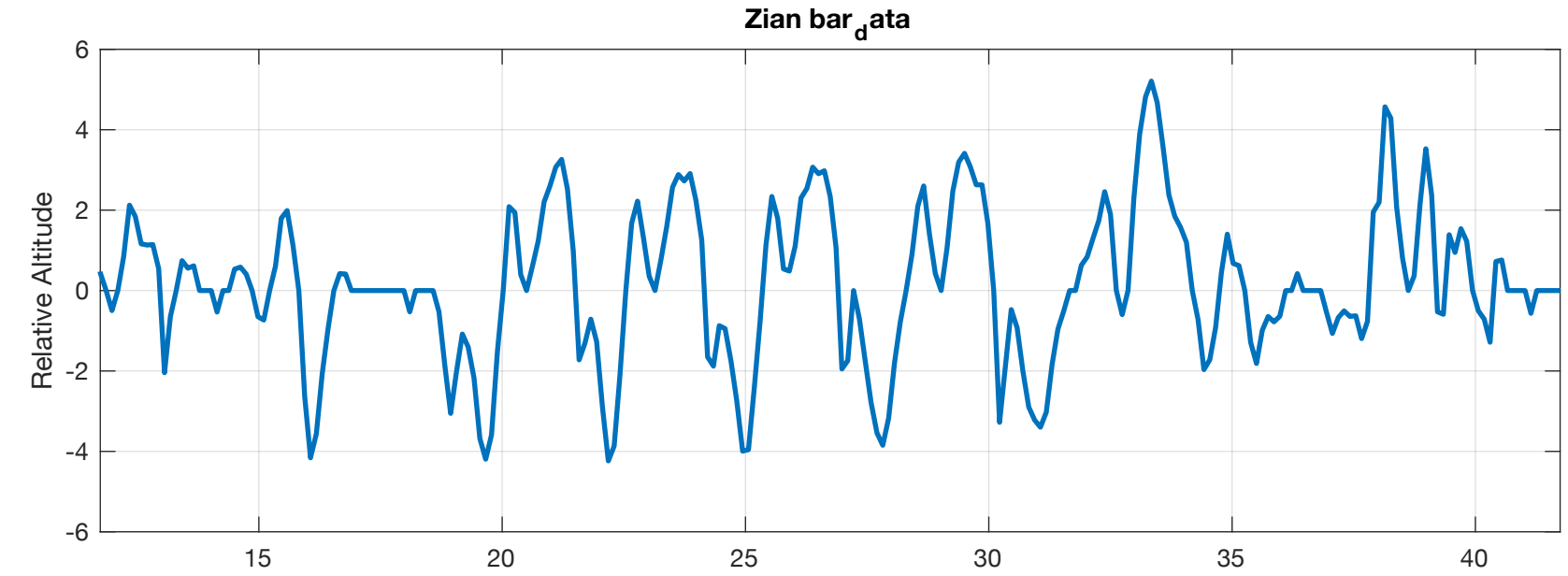
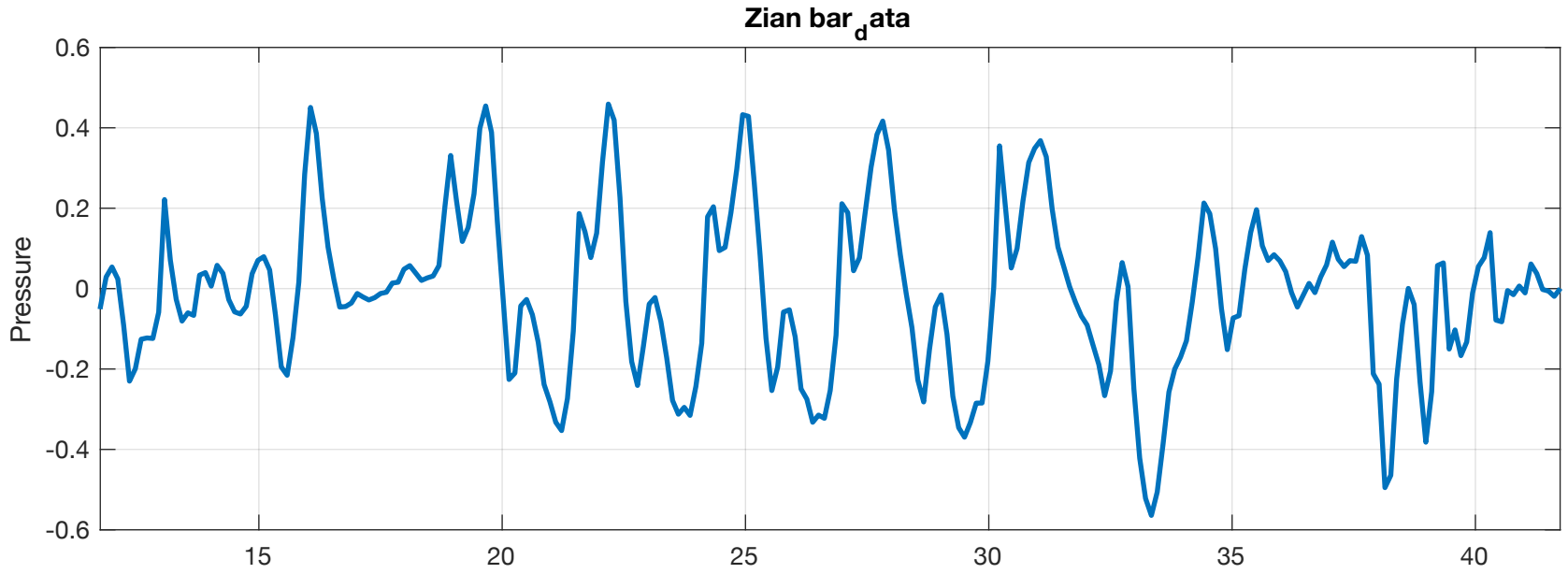
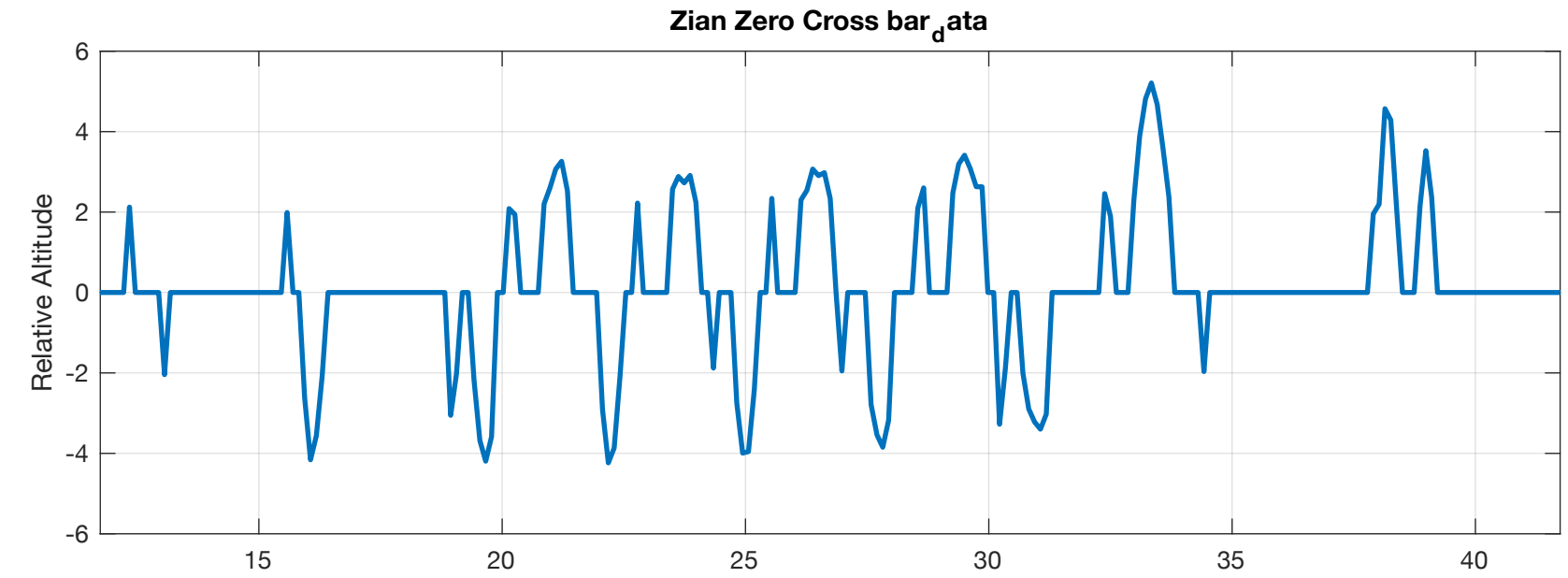

Zian accel_data
Z
15
10
5
0
-5
-10
15
20
25
30
35
40
Zian accel_data
Y
10
5
0
-5
-10
15
20
25
30
35
40
Zian accel_data
X
10
0
-10
-20
15
20
25
30
35
40

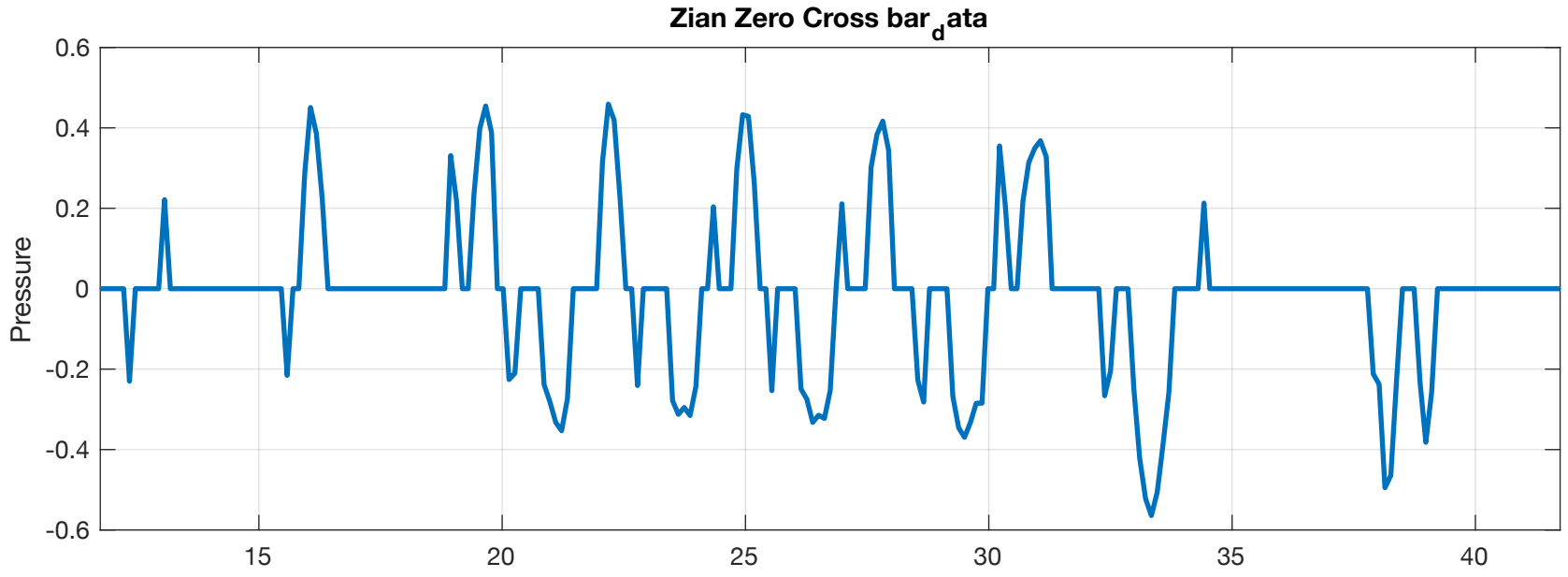

Zian Zero Cross accel_data
Z
15
10
5
0
-5
-10
15
20
25
30
35
40
Zian Zero Cross accel_data
Y
10
5
0
-5
-10
15
20
25
30
35
40
Zian Zero Cross accel_data
X
10
0
-10
-20
15
20
25
30
35
40

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-249.000	-214.000	-78.000	-54.500	"accel_data"
'Y'	-238.000	-207.000	-73.000	-46.000	"accel_data"
'X'	-256.000	-217.000	-74.000	-67.000	"accel_data"

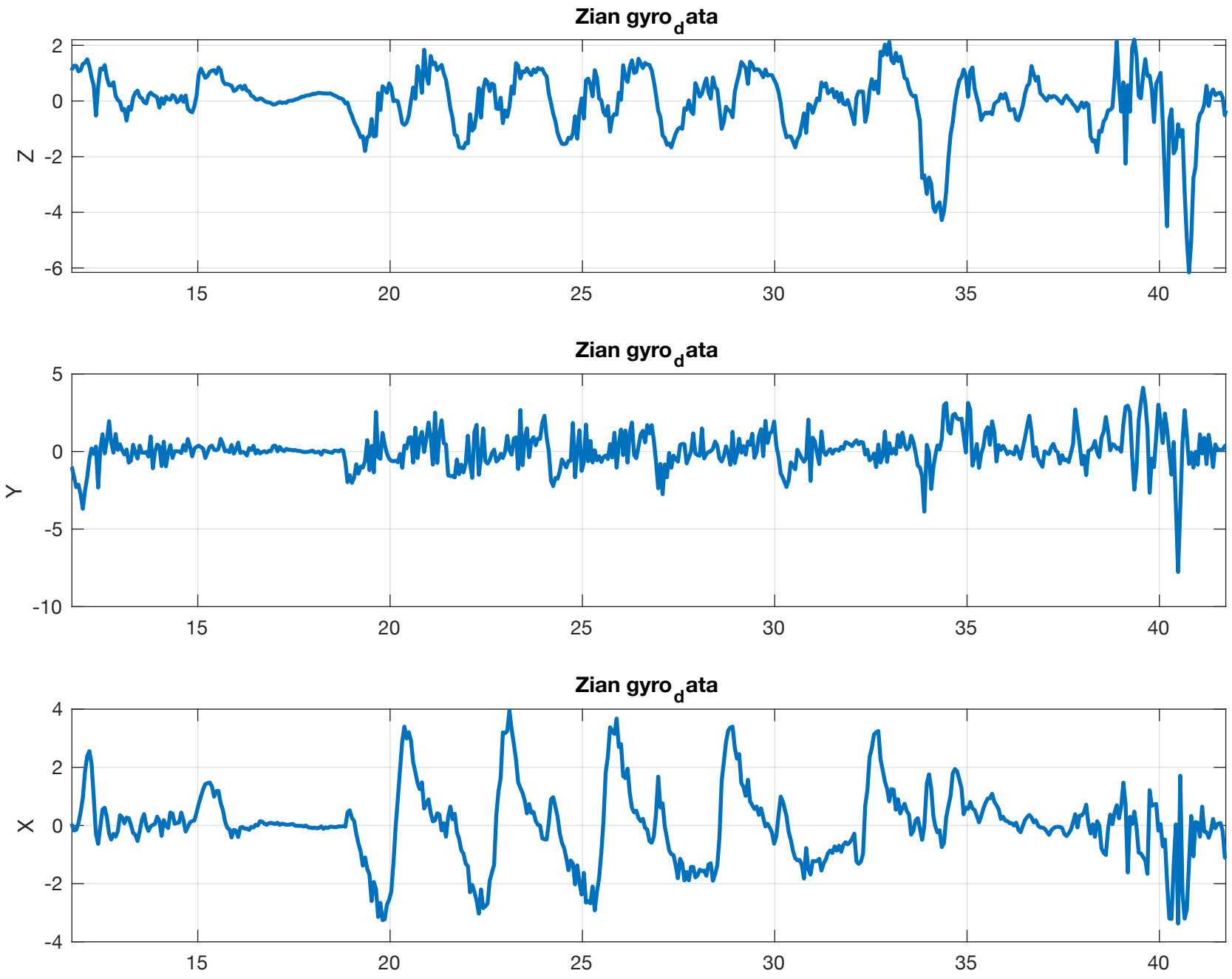

Zian bar_data
Relative Altitude
6
4
2
0
-2
-4
-6
15
20
25
30
35
40

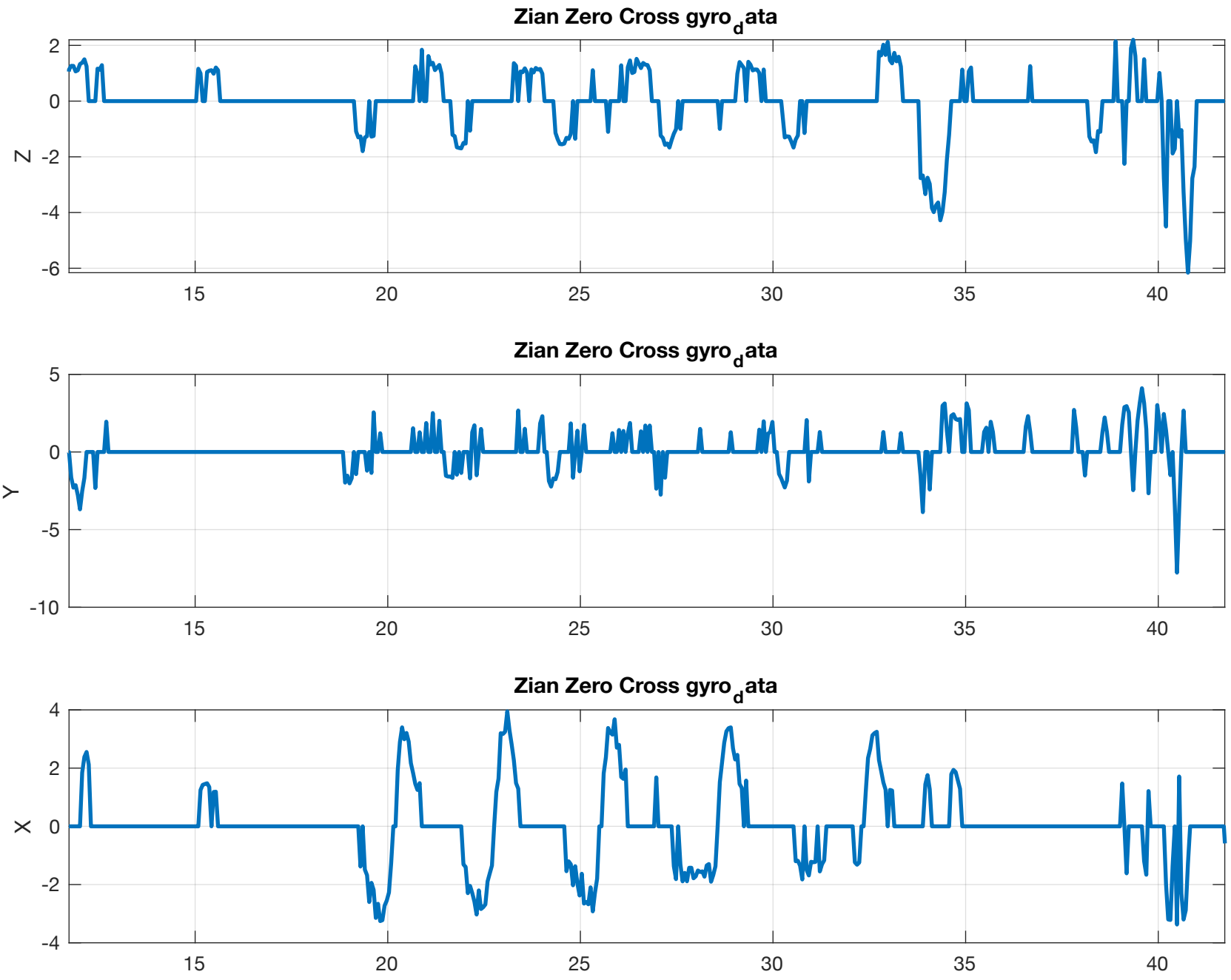

Zian bar_data
Pressure
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
15
20
25
30
35
40


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

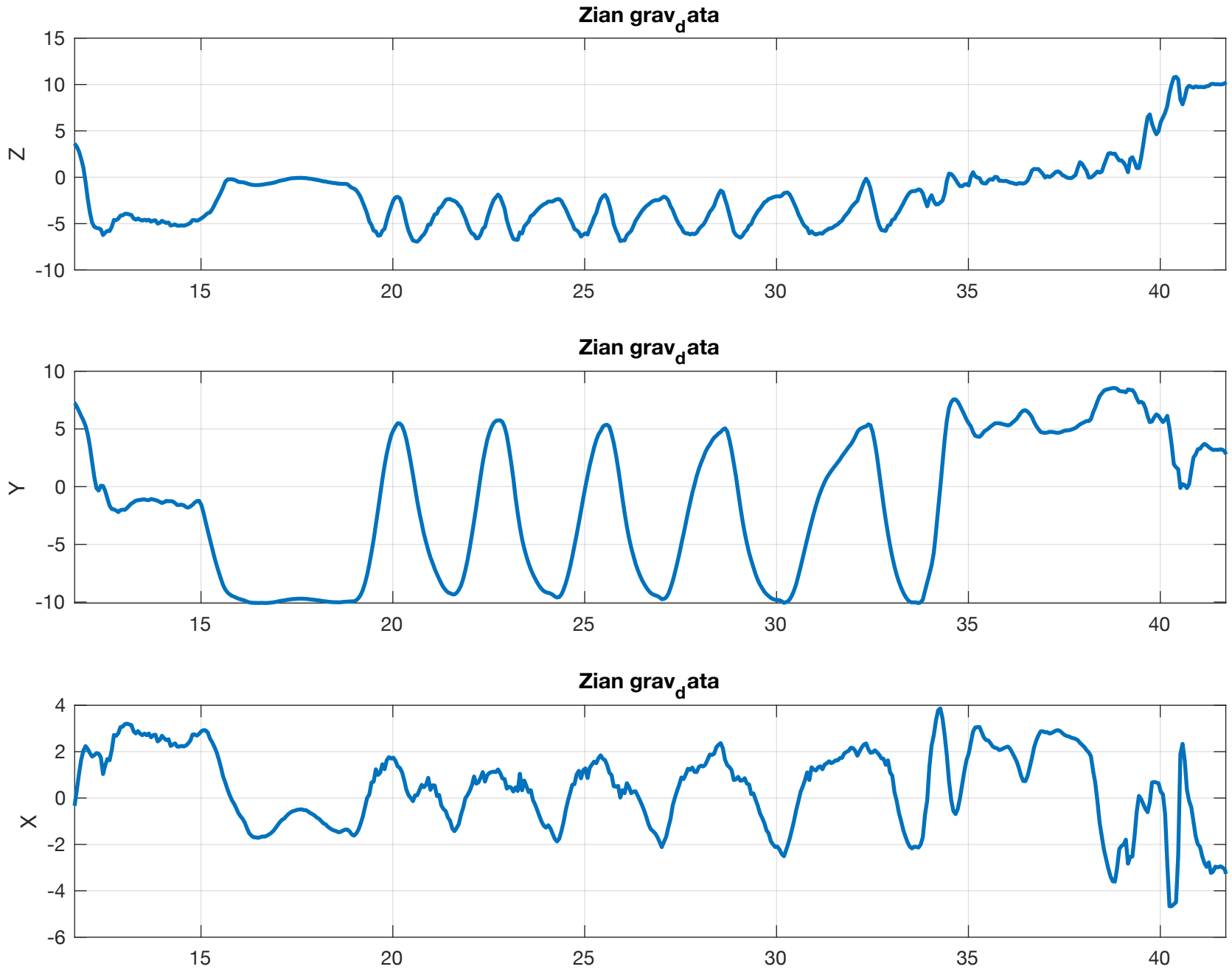

Zian Zero Cross bar_data
Pressure
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
15
20
25
30
35
40

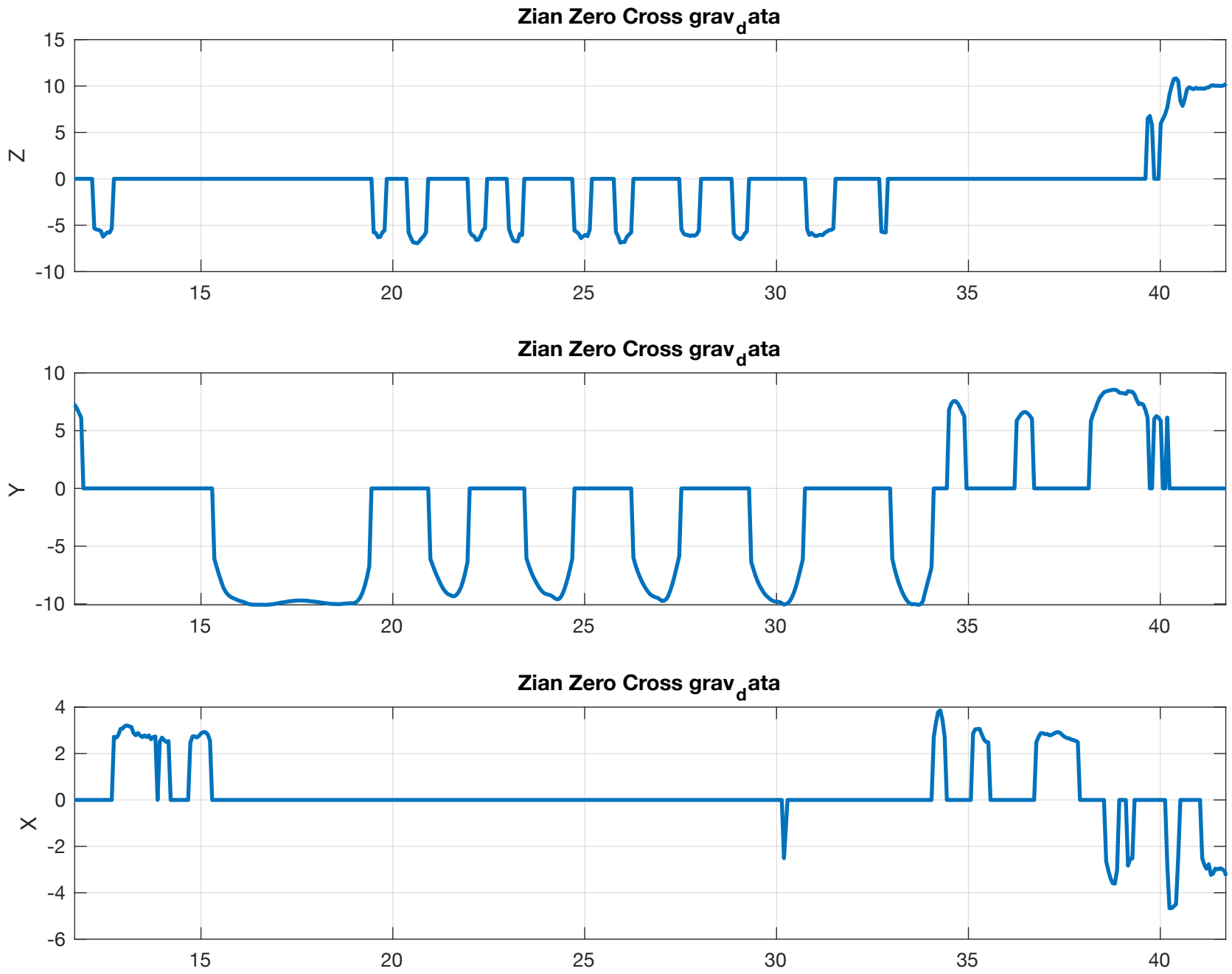
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-51.000	-33.000	-9.000	-12.000	"bar_data"
"Pressure"	-57.000	-45.000	-13.000	-12.000	"bar_data"


Zian gyro_data
Z
2
0
-2
-4
-6
15
20
25
30
35
40
Zian gyro_data
Y
5
0
-5
-10
15
20
25
30
35
40
Zian gyro_data
X
4
2
0
-2
-4
15
20
25
30
35
40

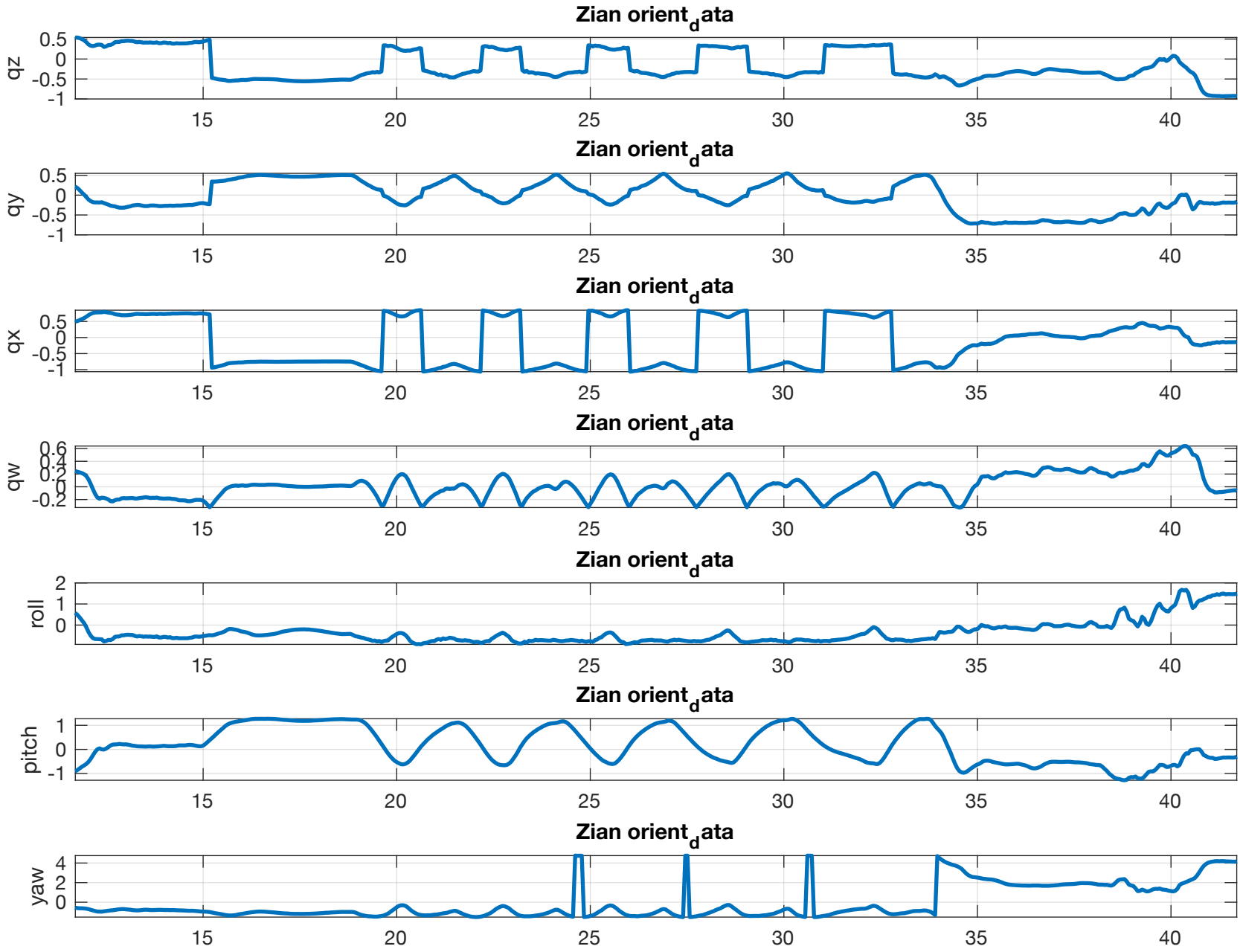

Zian Zero Cross gyro_data
Z
2
0
-2
-4
-6
15
20
25
30
35
40
Zian Zero Cross gyro_data
Y
5
0
-5
-10
15
20
25
30
35
40
Zian Zero Cross gyro_data
X
4
2
0
-2
-4
15
20
25
30
35
40

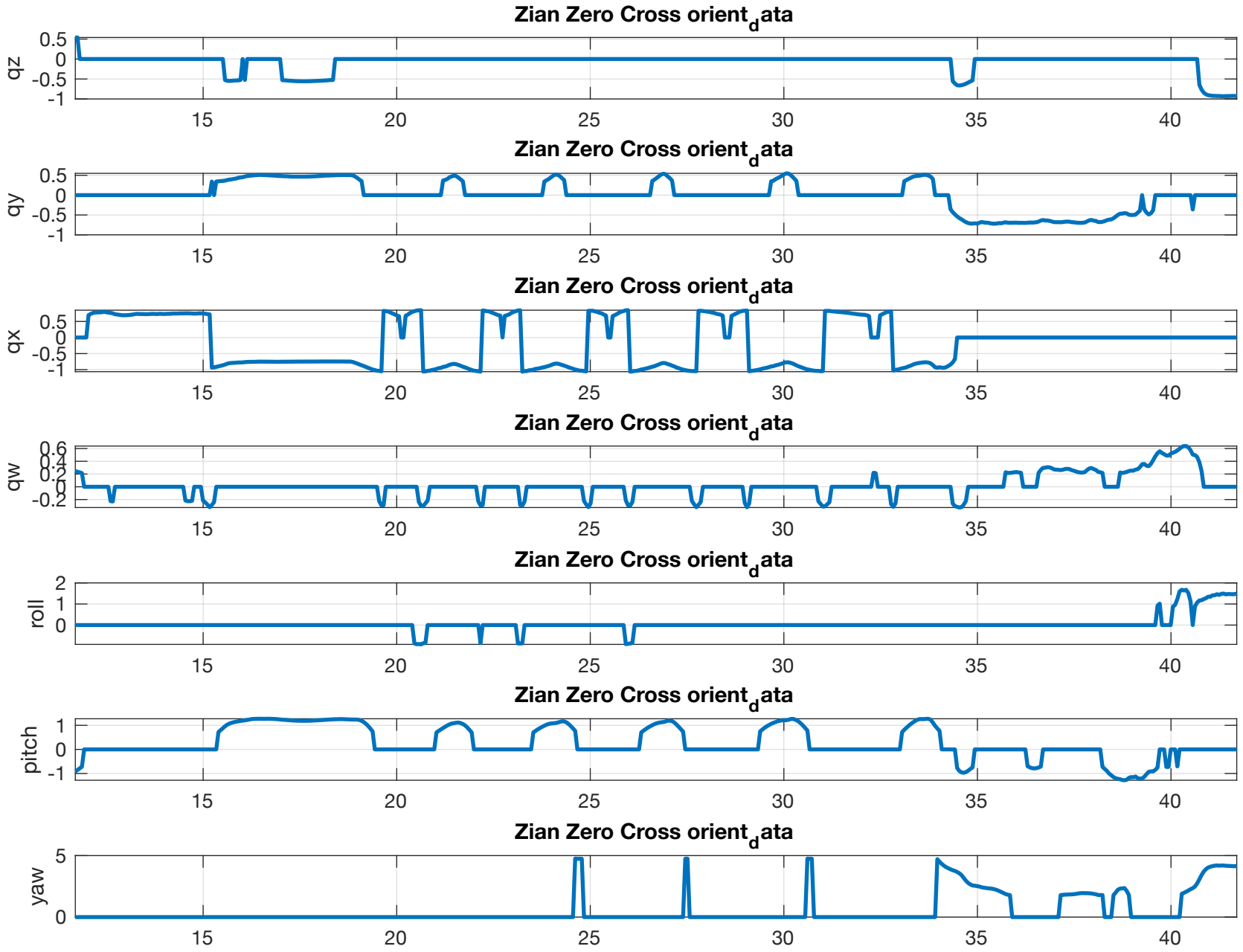
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-195.000	-149.000	-45.000	-21.000	"gyro_data"
'Y'	-237.000	-195.000	-62.000	-37.000	"gyro_data"
'X'	-177.000	-121.000	-39.000	-15.500	"gyro_data"


Zian grav_data
Z
15
10
5
0
-5
-10
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
-4
-6
15
20
25
30
35
40


Zian Zero Cross grav_data
Z
15
10
5
0
-5
-10
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
-4
-6
15
20
25
30
35
40

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-92.000	-37.000	-10.000	-3.750	"grav_data"
'Y'	-54.000	-39.000	-9.000	-3.000	"grav_data"
'X'	-111.000	-85.000	-15.000	-4.750	"grav_data"


Zian orientdata
qz
0.5
0
-0.5
-1
15
20
25
30
35
40
Zian orientdata
qy
0.5
0
-0.5
-1
15
20
25
30
35
40
Zian orientdata
qx
0.5
0
-0.5
-1
15
20
25
30
35
40
Zian orientdata
qw
0.6
0.4
0.2
0
-0.2
15
20
25
30
35
40
Zian orientdata
roll
2
1
0
15
20
25
30
35
40
Zian orientdata
pitch
1
0
-1
15
20
25
30
35
40
Zian orientdata
yaw
4
2
0
15
20
25
30
35
40


Zian Zero Cross orientdata
qz
0.5
0
-0.5
-1
15
20
25
30
35
40
Zian Zero Cross orientdata
qy
0.5
0
-0.5
-1
15
20
25
30
35
40
Zian Zero Cross orientdata
qx
0.5
0
-0.5
-1
15
20
25
30
35
40
Zian Zero Cross orientdata
qw
0.6
0.4
0.2
0
-0.2
15
20
25
30
35
40
Zian Zero Cross orientdata
roll
2
1
0
15
20
25
30
35
40
Zian Zero Cross orientdata
pitch
1
0
-1
15
20
25
30
35
40
Zian Zero Cross orientdata
yaw
5
0
15
20
25
30
35
40

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-108.000	-64.000	-18.000	-1.750	"orient_data"
'qy'	-79.000	-30.000	-8.000	-2.000	"orient_data"
'qx'	-83.000	-41.000	-9.000	-6.000	"orient_data"
'qw'	-76.000	-41.000	-9.000	-7.500	"orient_data"
'roll'	-121.000	-33.000	-6.000	-0.250	"orient_data"
'pitch'	-51.000	-19.000	-2.000	-3.000	"orient_data"
'yaw'	-74.000	-28.000	-7.000	0.500	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Y"	'zero_cross'	46.000
'bar_data'	"Relative Altitude"	'double_findpeaks'	9.000
'gyro_data'	"X"	'zero_cross'	15.500
'grav_data'	"Y"	'zero_cross'	3.000
'orient_data'	"roll"	'zero_cross'	0.250