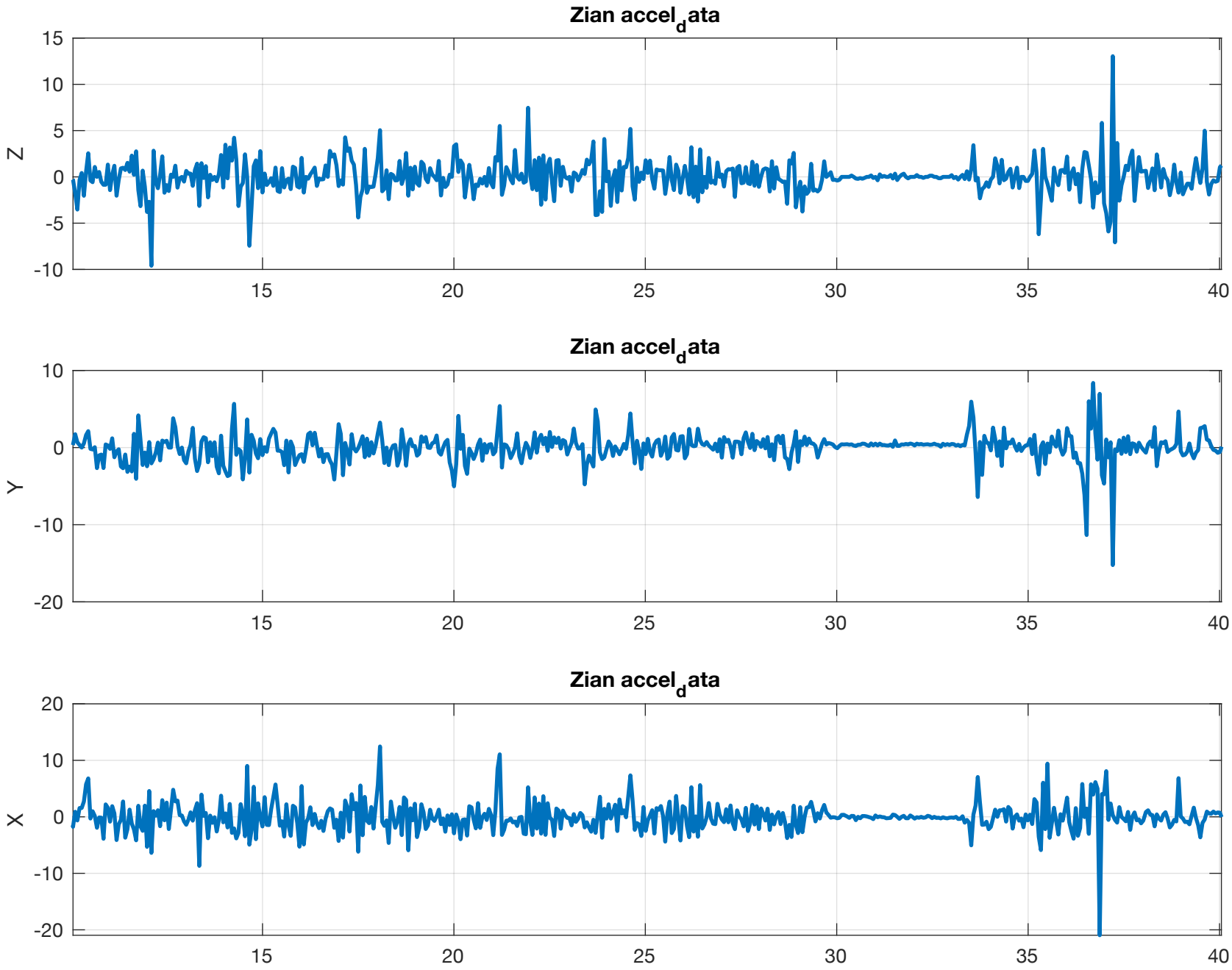
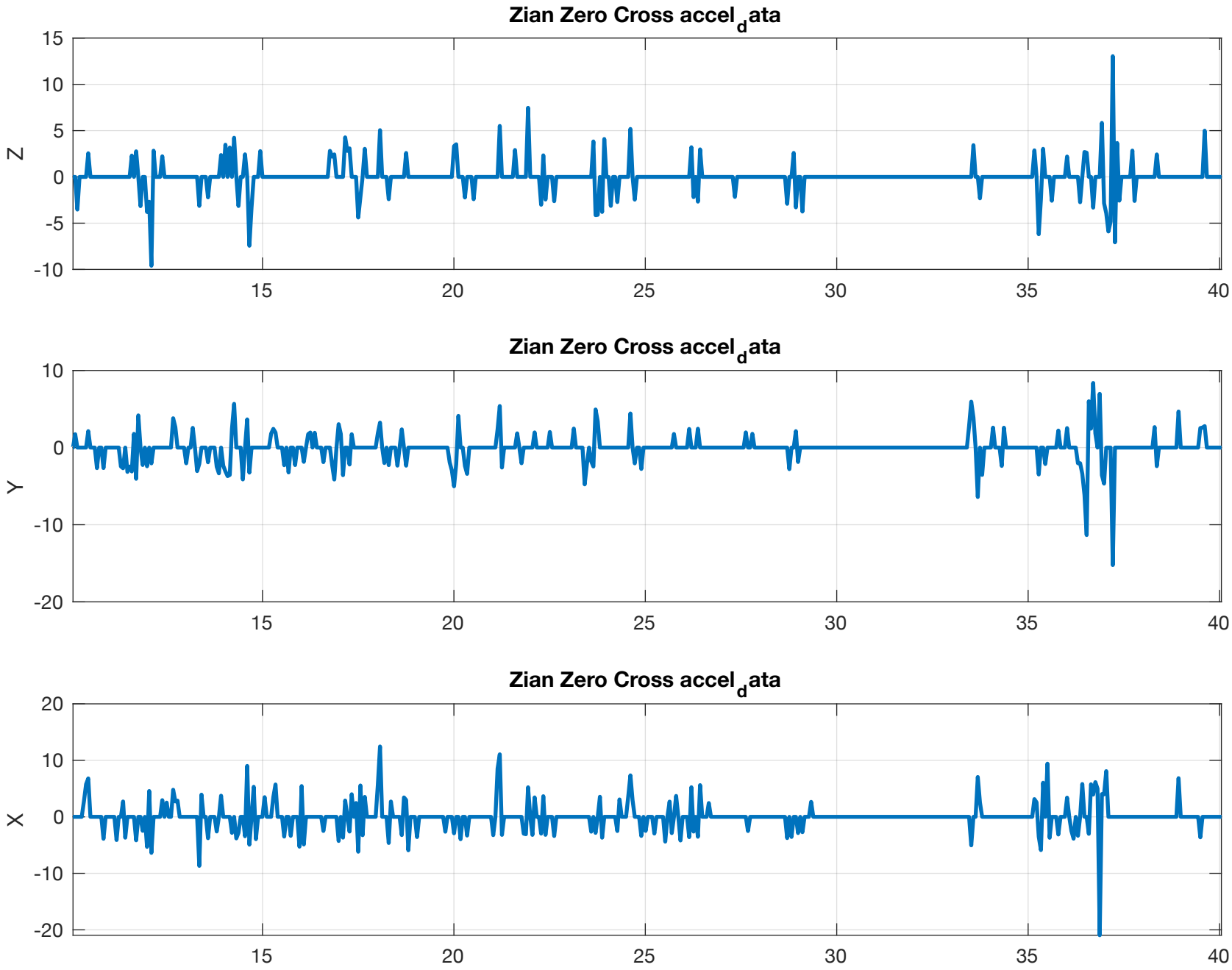
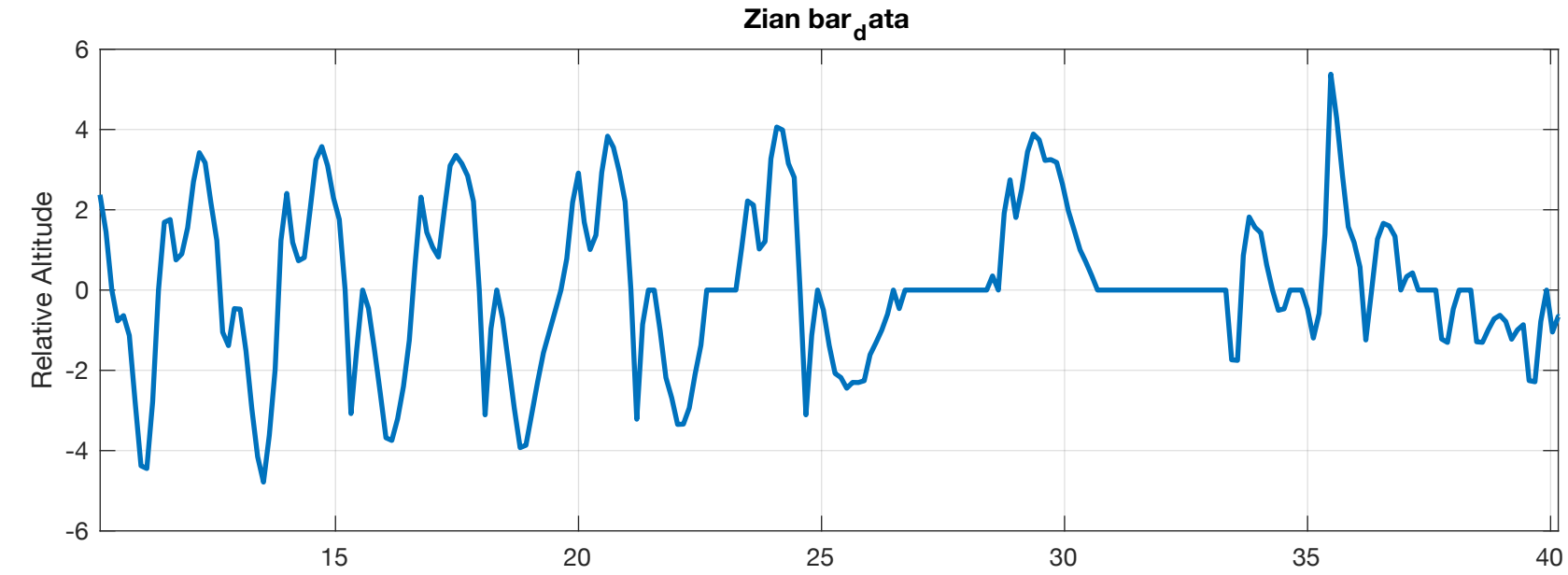
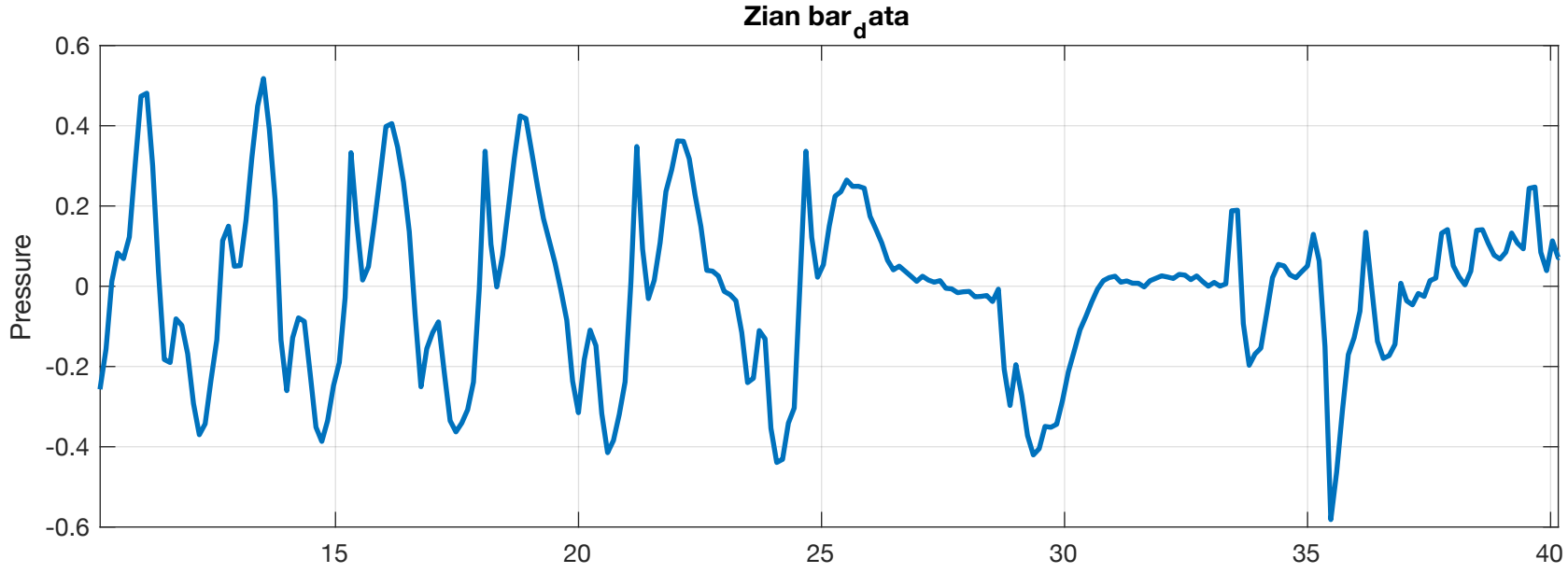
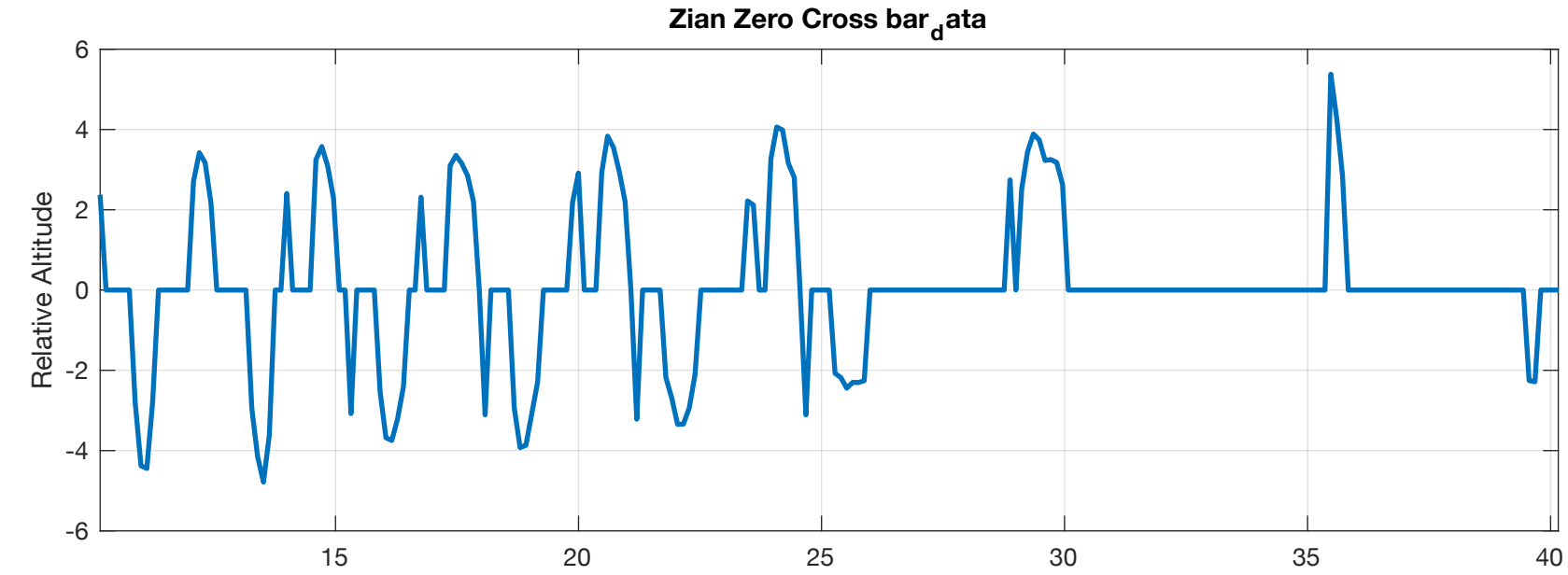

Zian accel_data
Z
15
10
5
0
-5
-10
15
20
25
30
35
40
Zian accel_data
Y
10
0
-10
-20
15
20
25
30
35
40
Zian accel_data
X
20
10
0
-10
-20
15
20
25
30
35
40

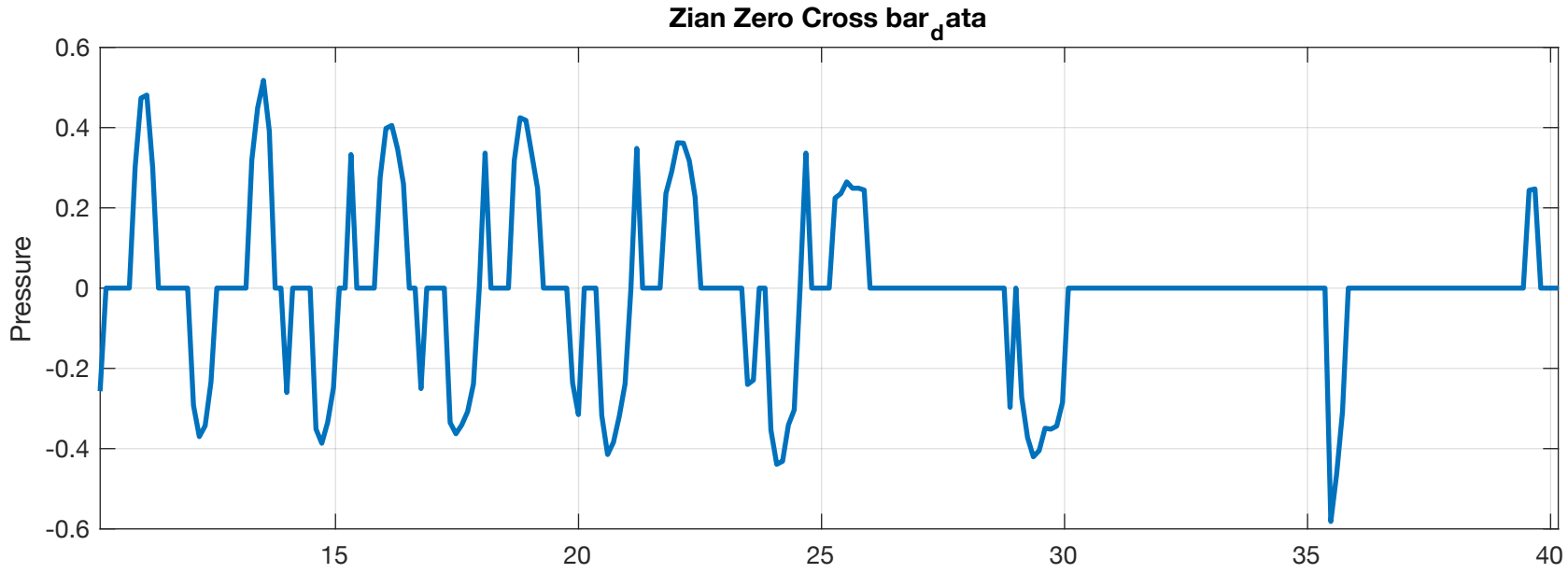

Zian Zero Cross accel_data
Z
15
10
5
0
-5
-10
15
20
25
30
35
40
Zian Zero Cross accel_data
Y
10
0
-10
-20
15
20
25
30
35
40
Zian Zero Cross accel_data
X
20
10
0
-10
-20
15
20
25
30
35
40

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-224.000	-186.000	-64.000	-40.500	"accel_data"
'Y'	-216.000	-192.000	-62.000	-46.500	"accel_data"
'X'	-230.000	-194.000	-70.000	-60.000	"accel_data"

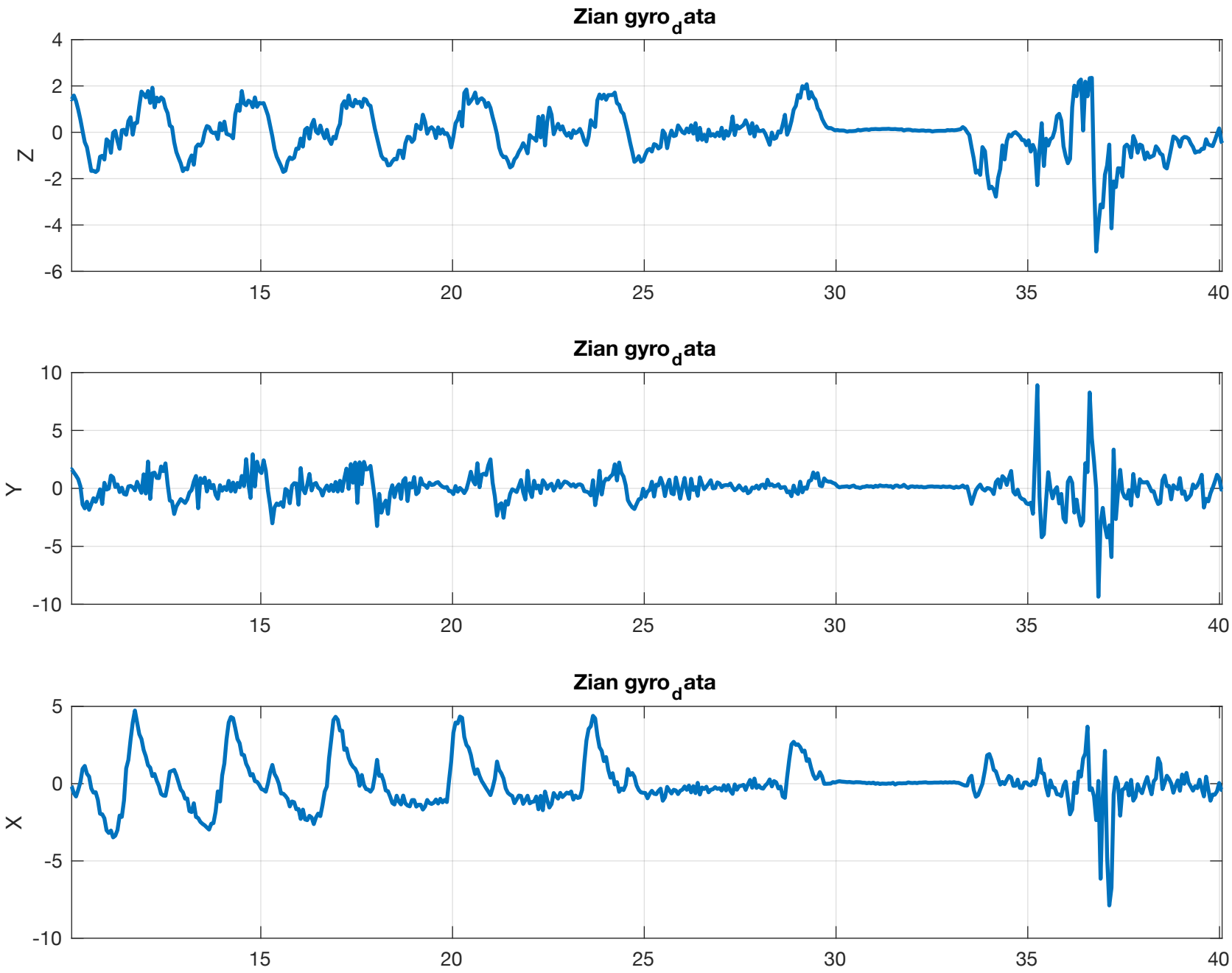

Zian bar_data
Relative Altitude
6
4
2
0
-2
-4
-6
15
20
25
30
35
40

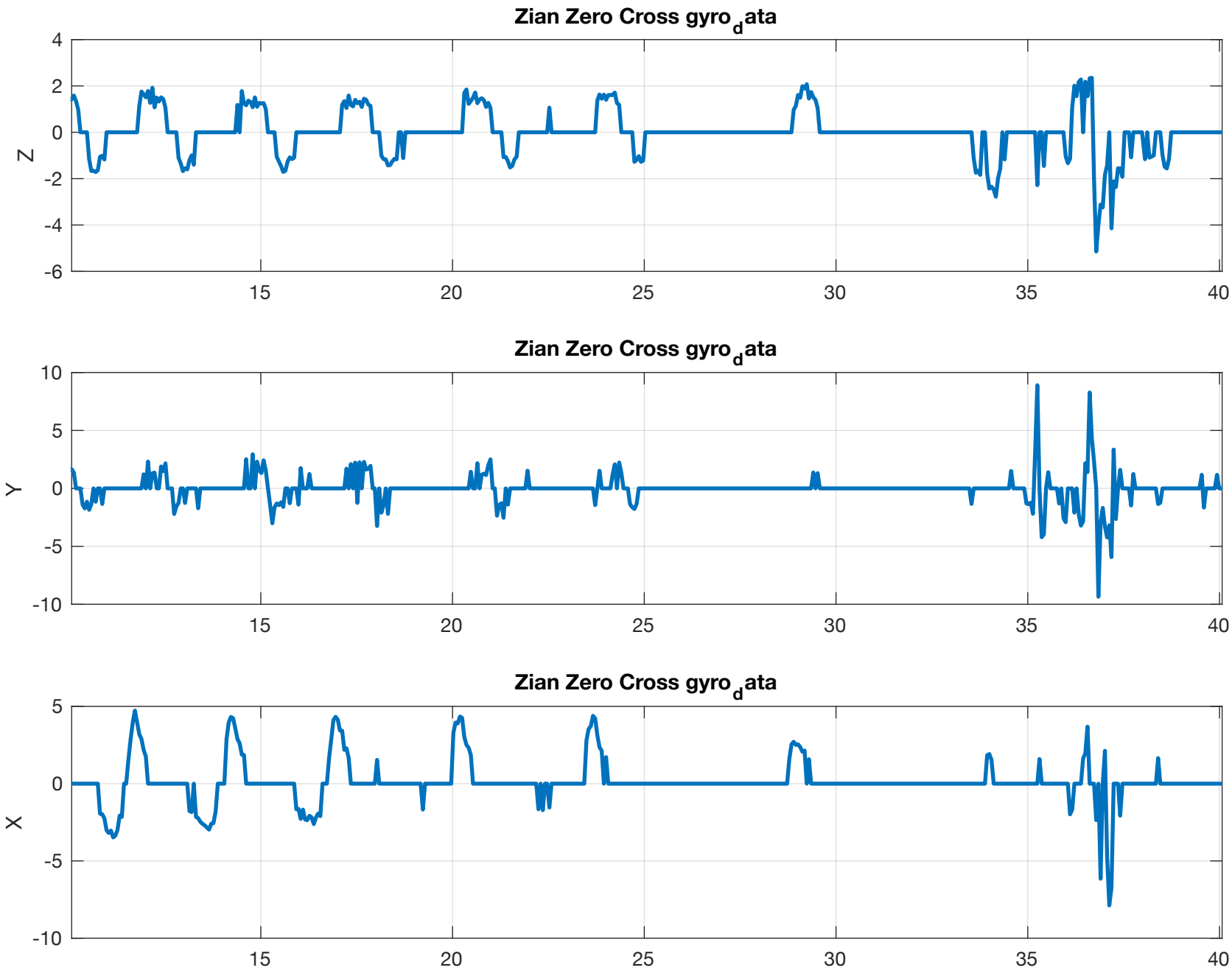

Zian bar_data
Pressure
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
15
20
25
30
35
40


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

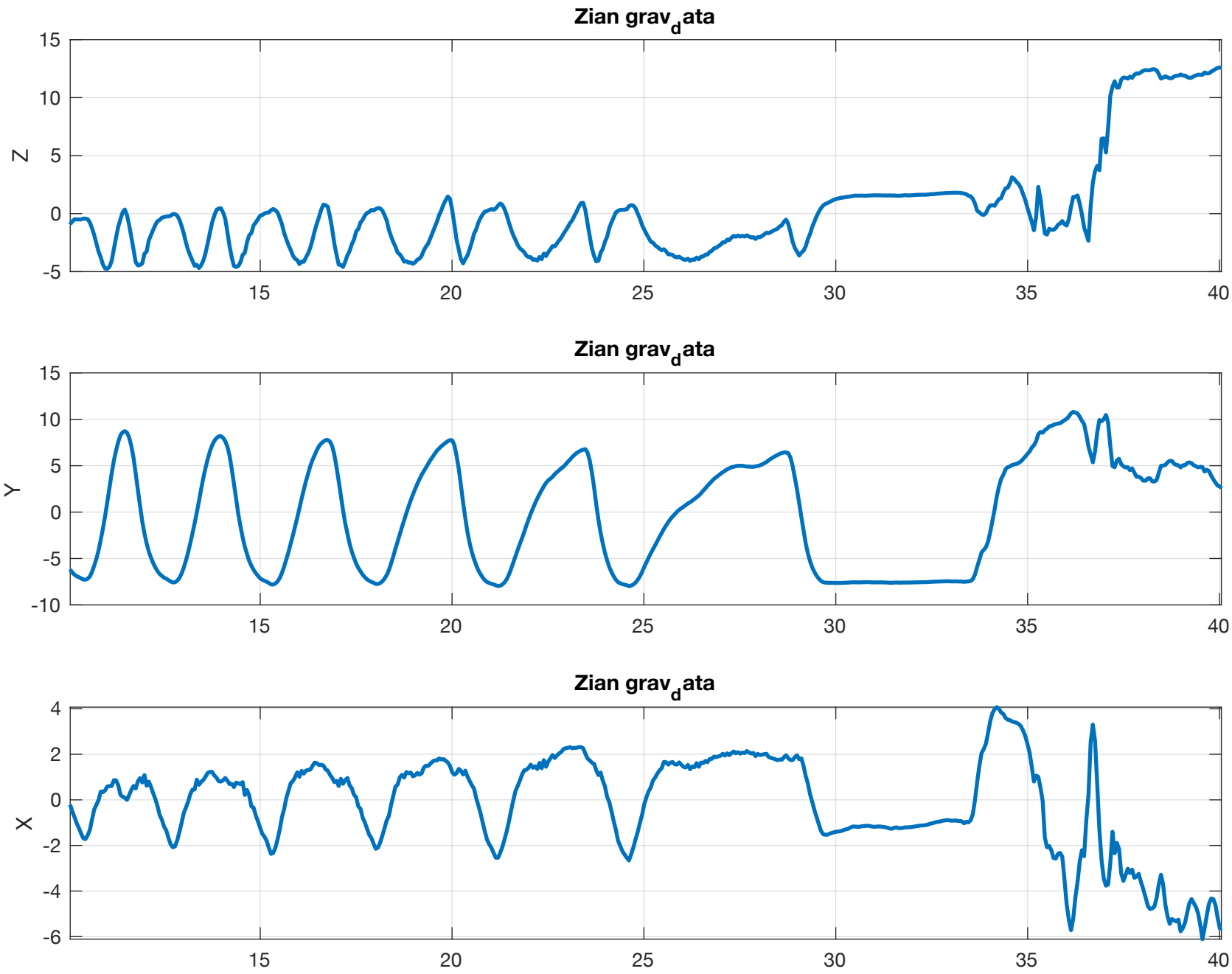

Zian Zero Cross bar_data
Pressure
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
15
20
25
30
35
40

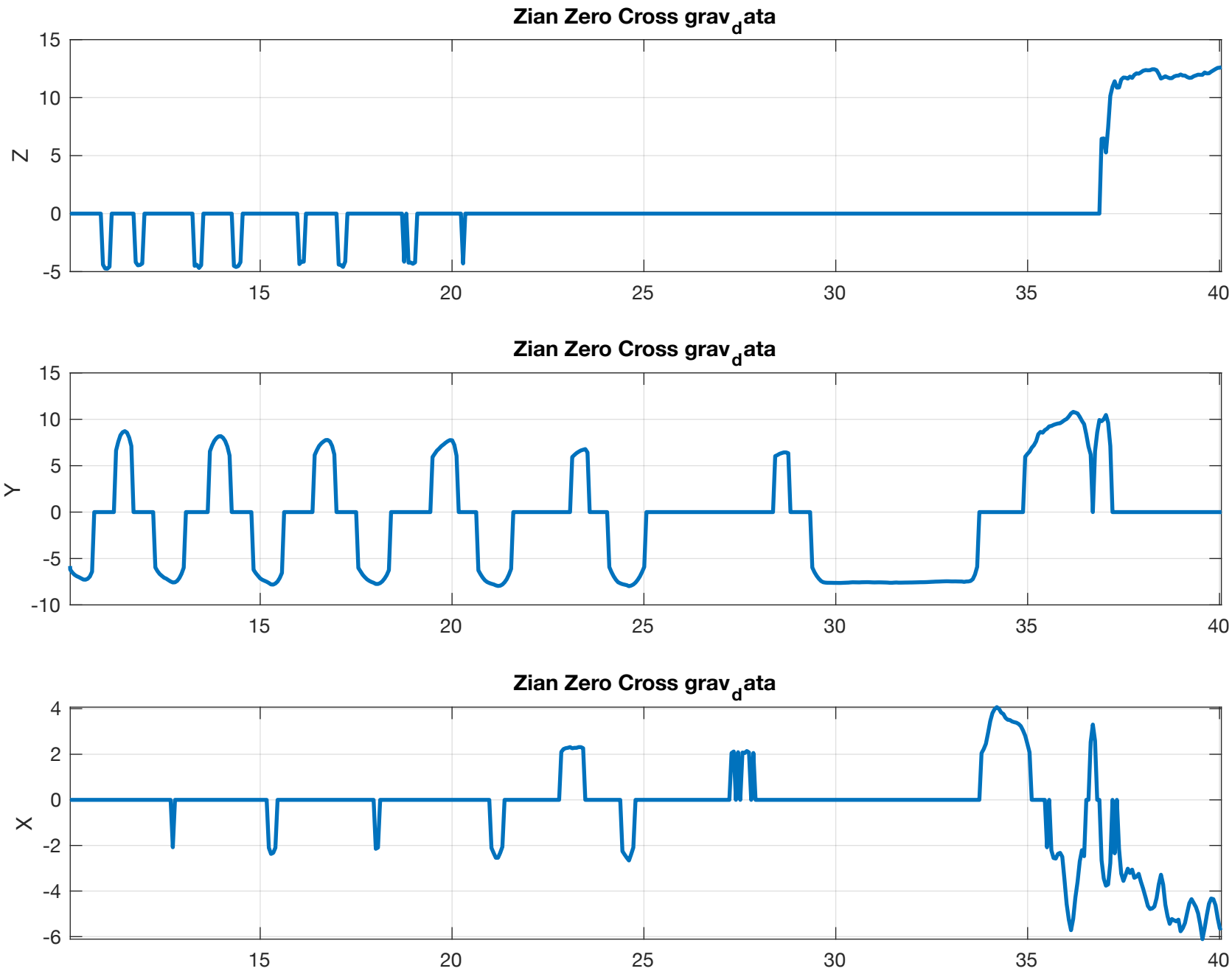
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-33.000	-18.000	-2.000	-8.500	"bar_data"
"Pressure"	-45.000	-32.000	-8.000	-8.500	"bar_data"


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

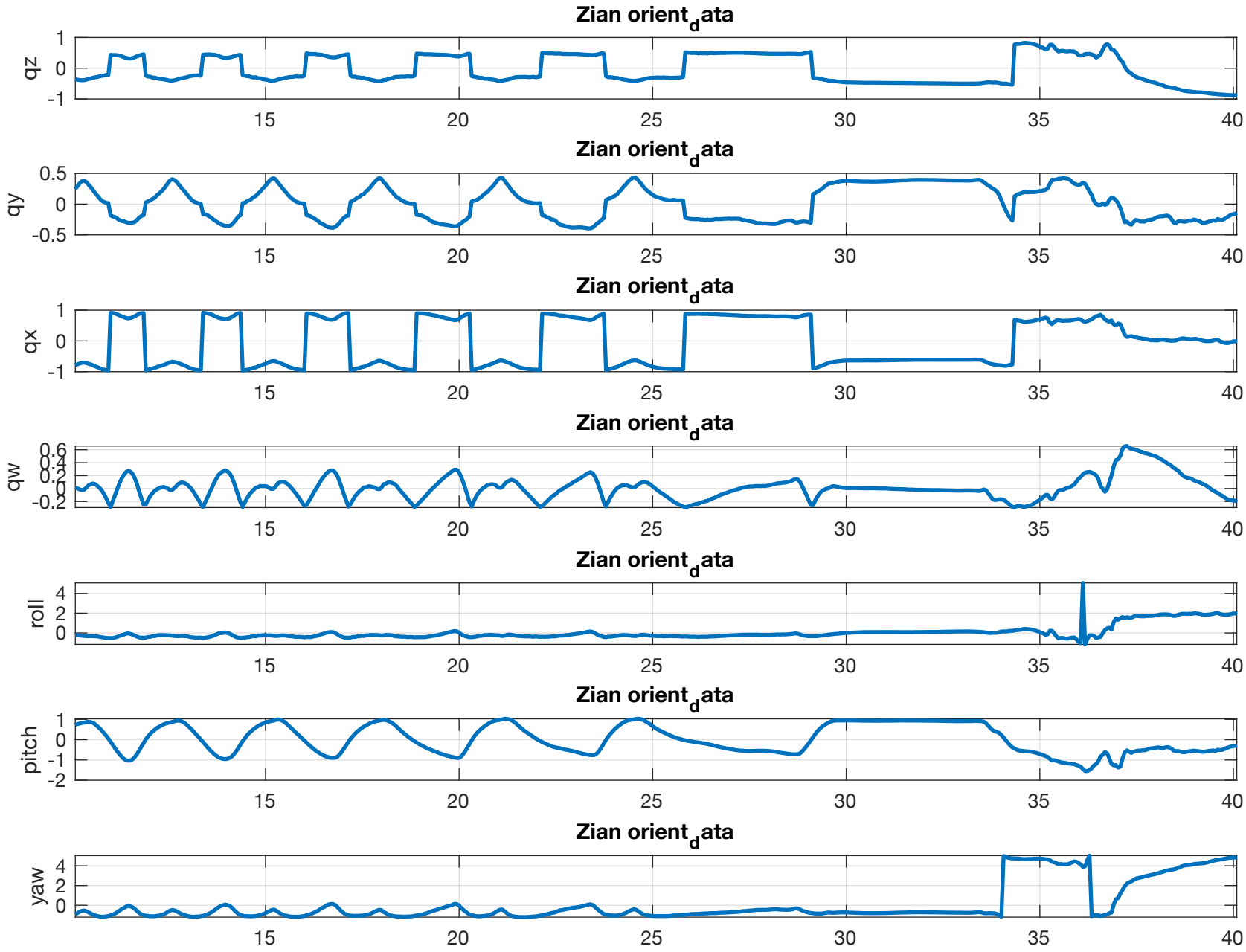

Zian Zero Cross gyro_data
Z
4
2
0
-2
-4
-6
15
20
25
30
35
40
Zian Zero Cross gyro_data
Y
10
5
0
-5
-10
15
20
25
30
35
40
Zian Zero Cross gyro_data
X
5
0
-5
-10
15
20
25
30
35
40

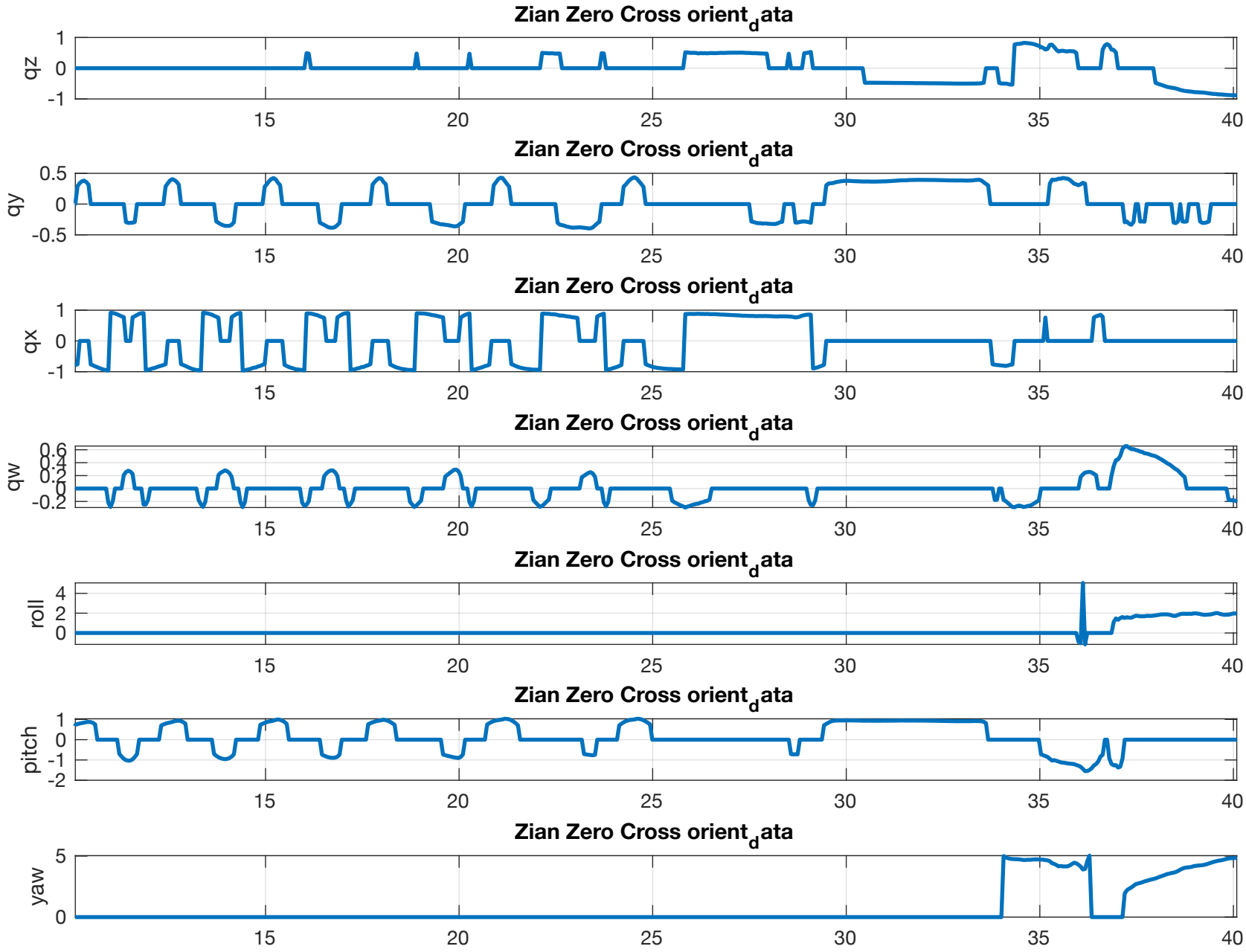
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-173.000	-119.000	-29.000	-11.500	"gyro_data"
'Y'	-213.000	-181.000	-53.000	-30.500	"gyro_data"
'X'	-160.000	-97.000	-32.000	-8.500	"gyro_data"


Zian grav_data
Z
15
10
5
0
-5
15
20
25
30
35
40
Zian grav_data
Y
15
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
15
20
25
30
35
40
Zian Zero Cross grav_data
Y
15
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'	-78.000	-40.000	-7.000	0.750	"grav_data"
'Y'	-25.000	-18.000	1.000	-2.000	"grav_data"
'X'	-99.000	-76.000	-16.000	-3.750	"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
0.6
0.4
0.2
0
-0.2
15
20
25
30
35
40
Zian orientdata
roll
4
2
0
15
20
25
30
35
40
Zian orientdata
pitch
1
0
-1
-2
15
20
25
30
35
40
Zian orientdata
yaw
4
2
0
15
20
25
30
35
40


Zian Zero Cross orientdata
qz
1
0
-1
15
20
25
30
35
40
Zian Zero Cross orientdata
qy
0.5
0
-0.5
15
20
25
30
35
40
Zian Zero Cross orientdata
qx
1
0
-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
4
2
0
15
20
25
30
35
40
Zian Zero Cross orientdata
pitch
1
0
-1
-2
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'	-85.000	-54.000	-10.000	0.250	"orient_data"
'qy'	-53.000	-25.000	-2.000	-4.500	"orient_data"
'qx'	-68.000	-44.000	-9.000	-10.000	"orient_data"
'qw'	-46.000	-31.000	-3.000	-7.750	"orient_data"
'roll'	-101.000	-30.000	-5.000	5.750	"orient_data"
'pitch'	-30.000	-10.000	2.000	-2.000	"orient_data"
'yaw'	-45.000	-3.000	1.000	6.750	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Z"	'zero_cross'	40.500
'bar_data'	"Relative Altitude"	'double_findpeaks'	2.000
'gyro_data'	"X"	'zero_cross'	8.500
'grav_data'	"Z"	'zero_cross'	0.750
'orient_data'	"qz"	'zero_cross'	0.250