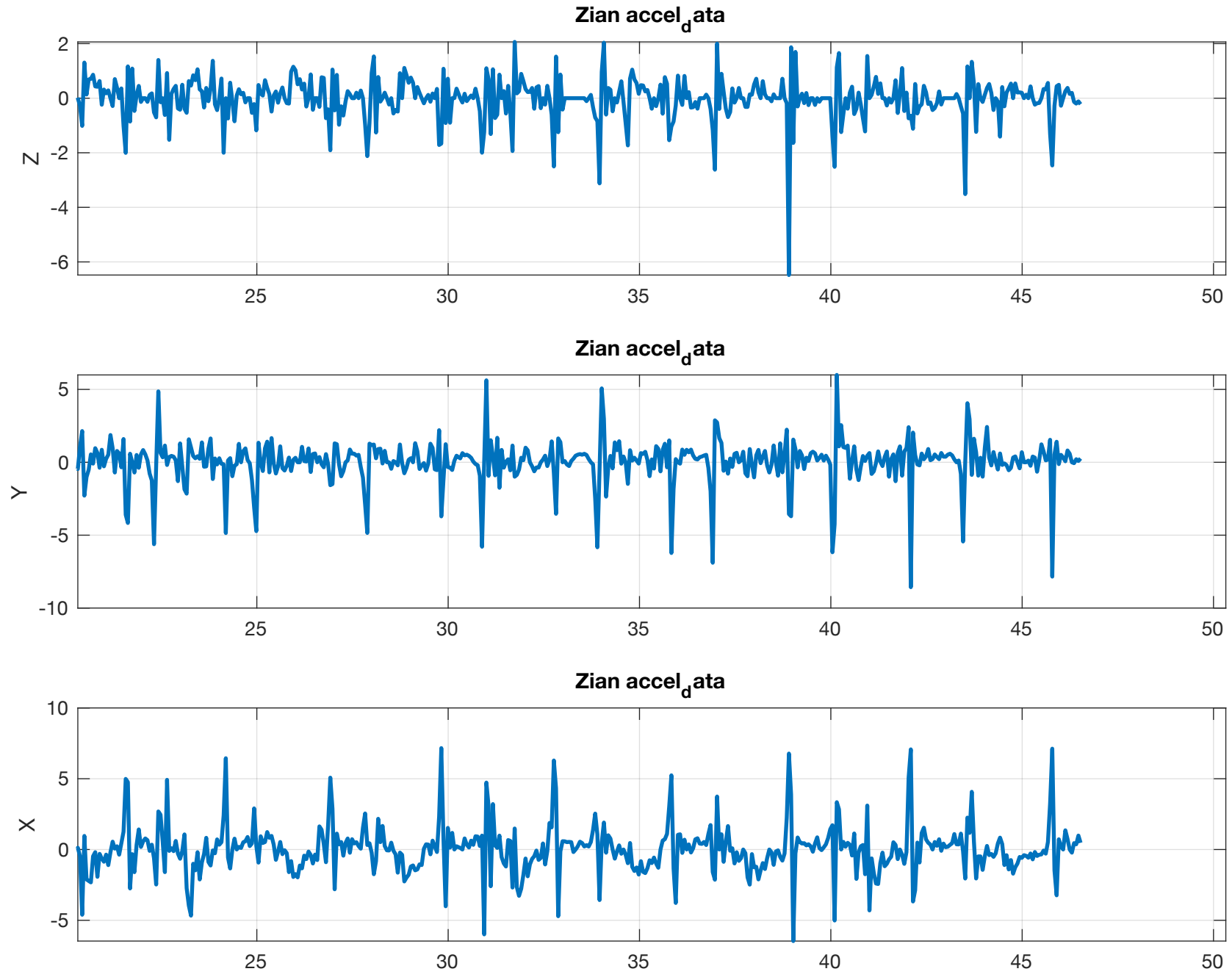
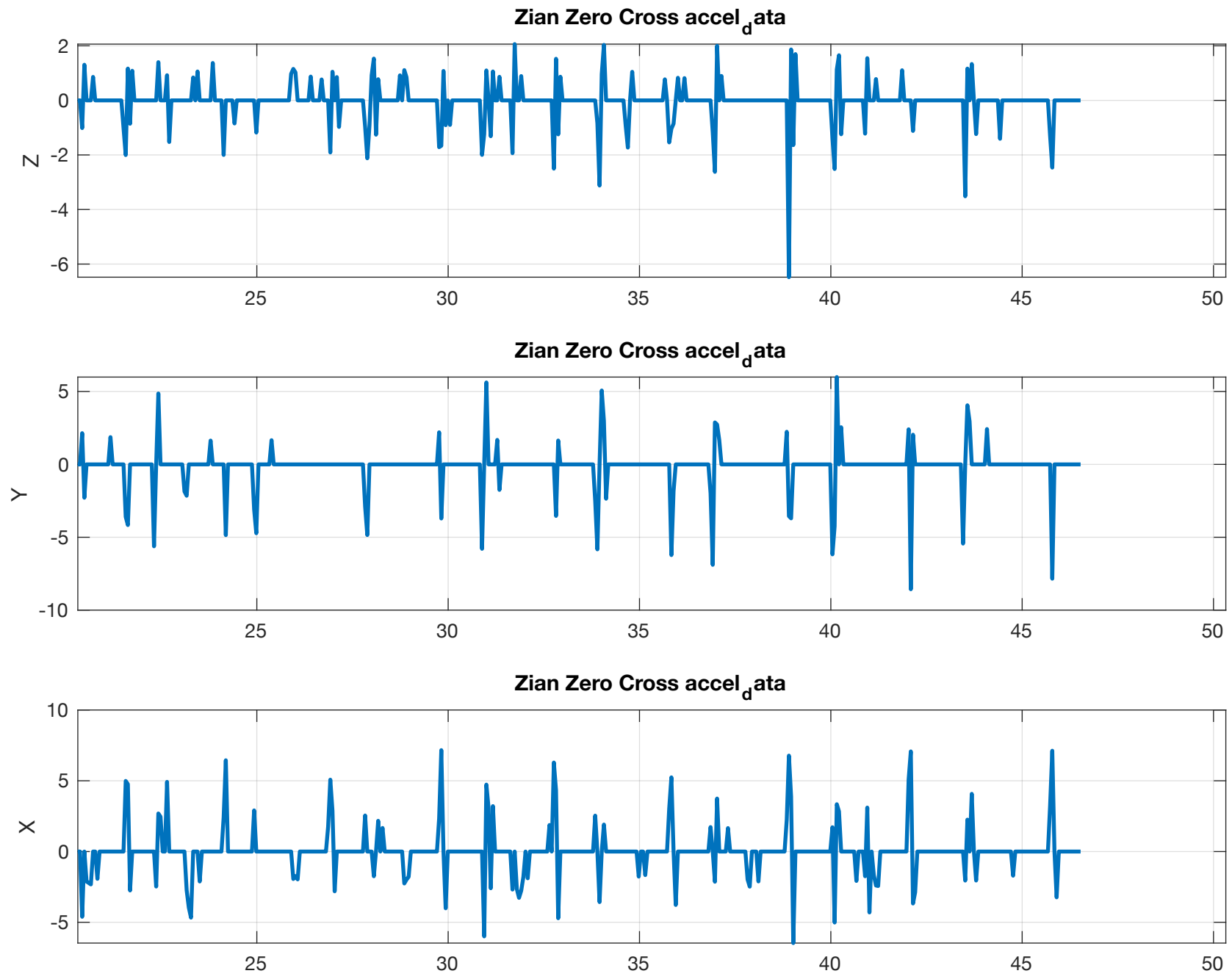
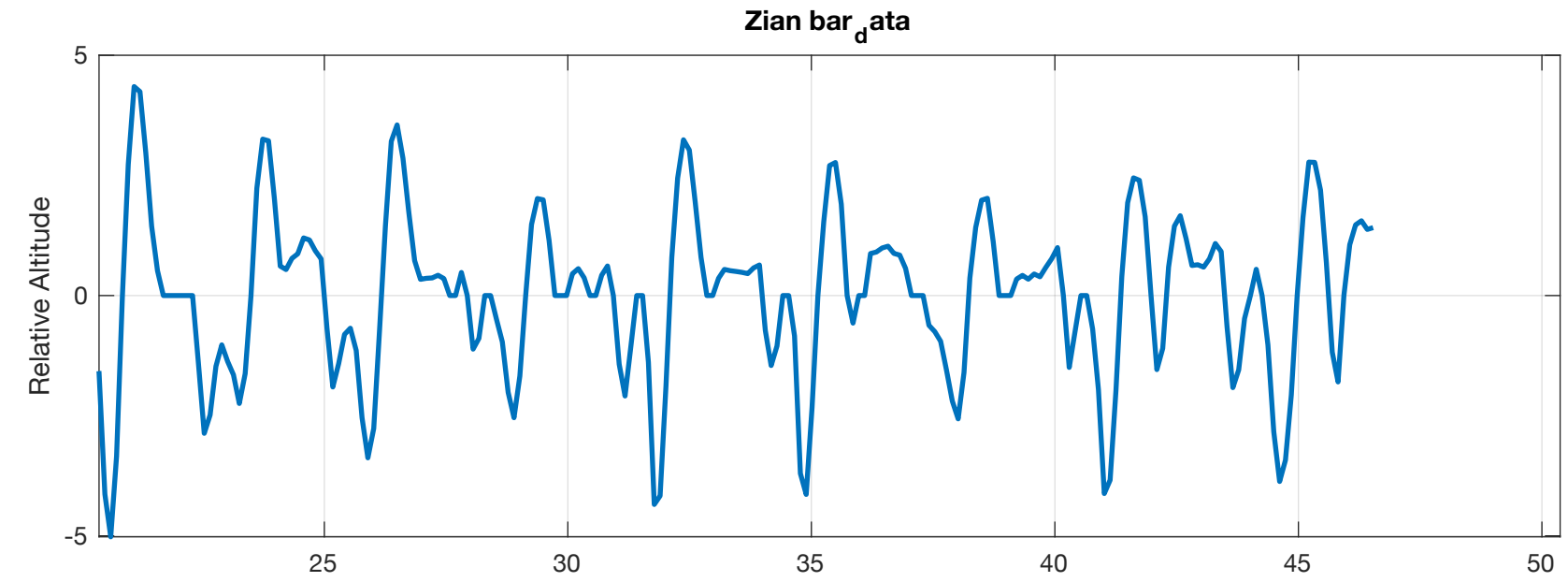
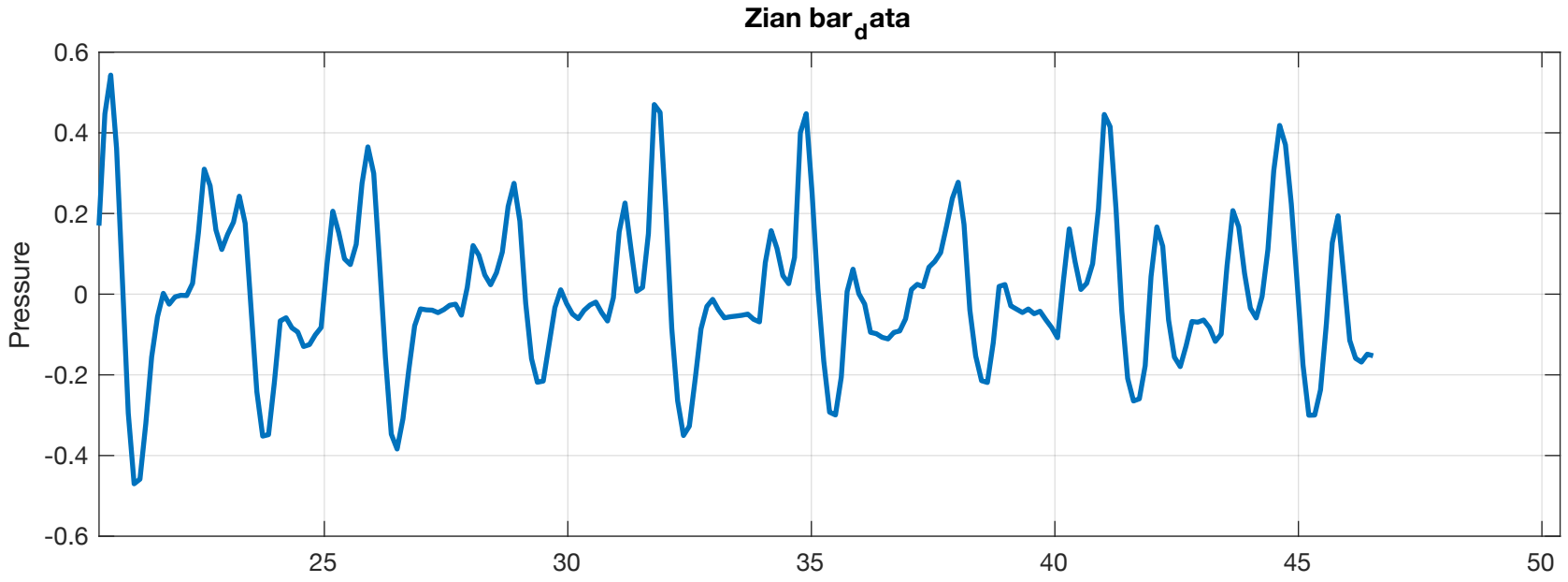
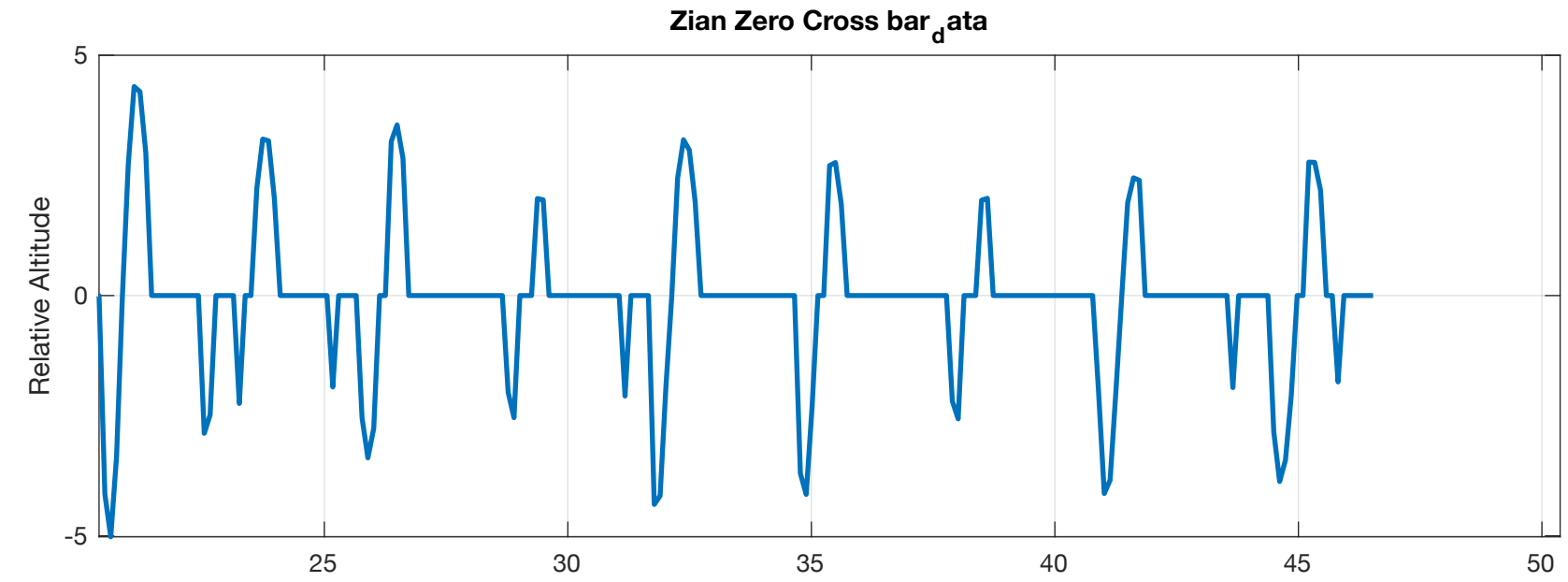

Zian accel_data
Z
2
0
-2
-4
-6
25
30
35
40
45
50
Zian accel_data
Y
5
0
-5
-10
25
30
35
40
45
50
Zian accel_data
X
10
5
0
-5
25
30
35
40
45
50

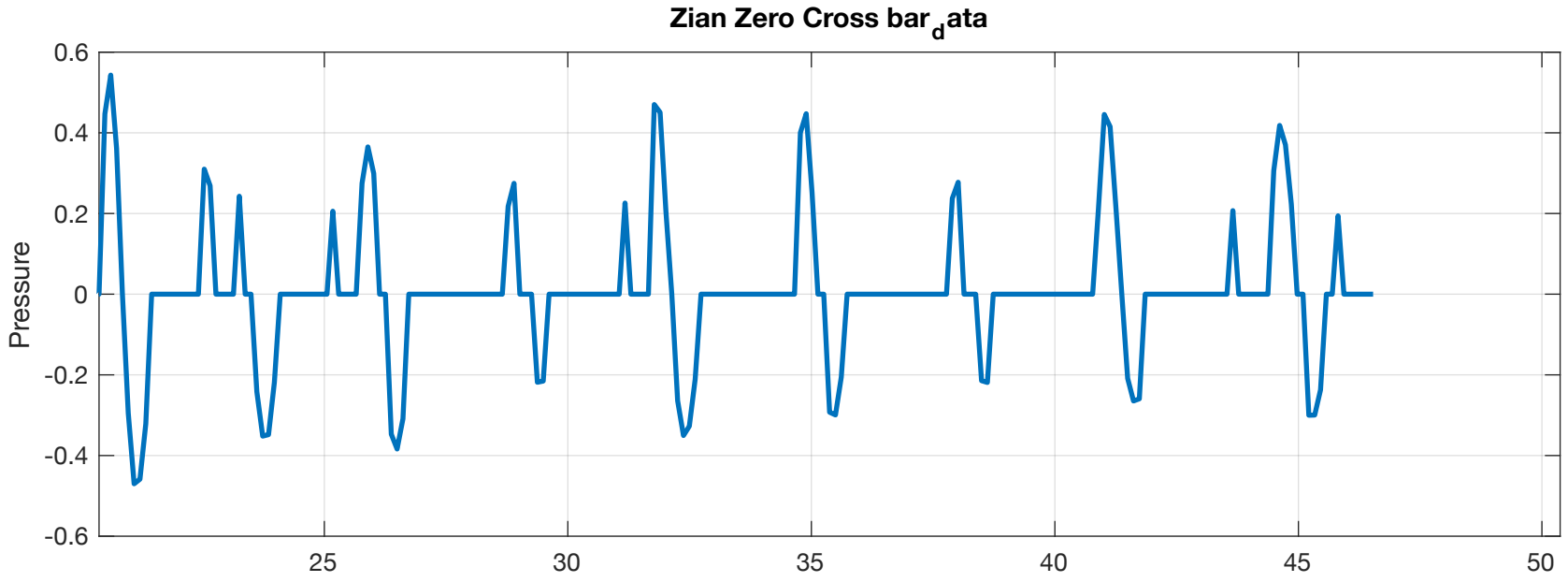

Zian Zero Cross accel_data
Z
2
0
-2
-4
-6
25
30
35
40
45
50
Zian Zero Cross accel_data
Y
5
0
-5
-10
25
30
35
40
45
50
Zian Zero Cross accel_data
X
10
5
0
-5
25
30
35
40
45
50

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-179.000	-153.000	-44.000	-37.500	"accel_data"
'Y'	-168.000	-162.000	-44.000	-17.000	"accel_data"
'X'	-182.000	-122.000	-39.000	-31.500	"accel_data"

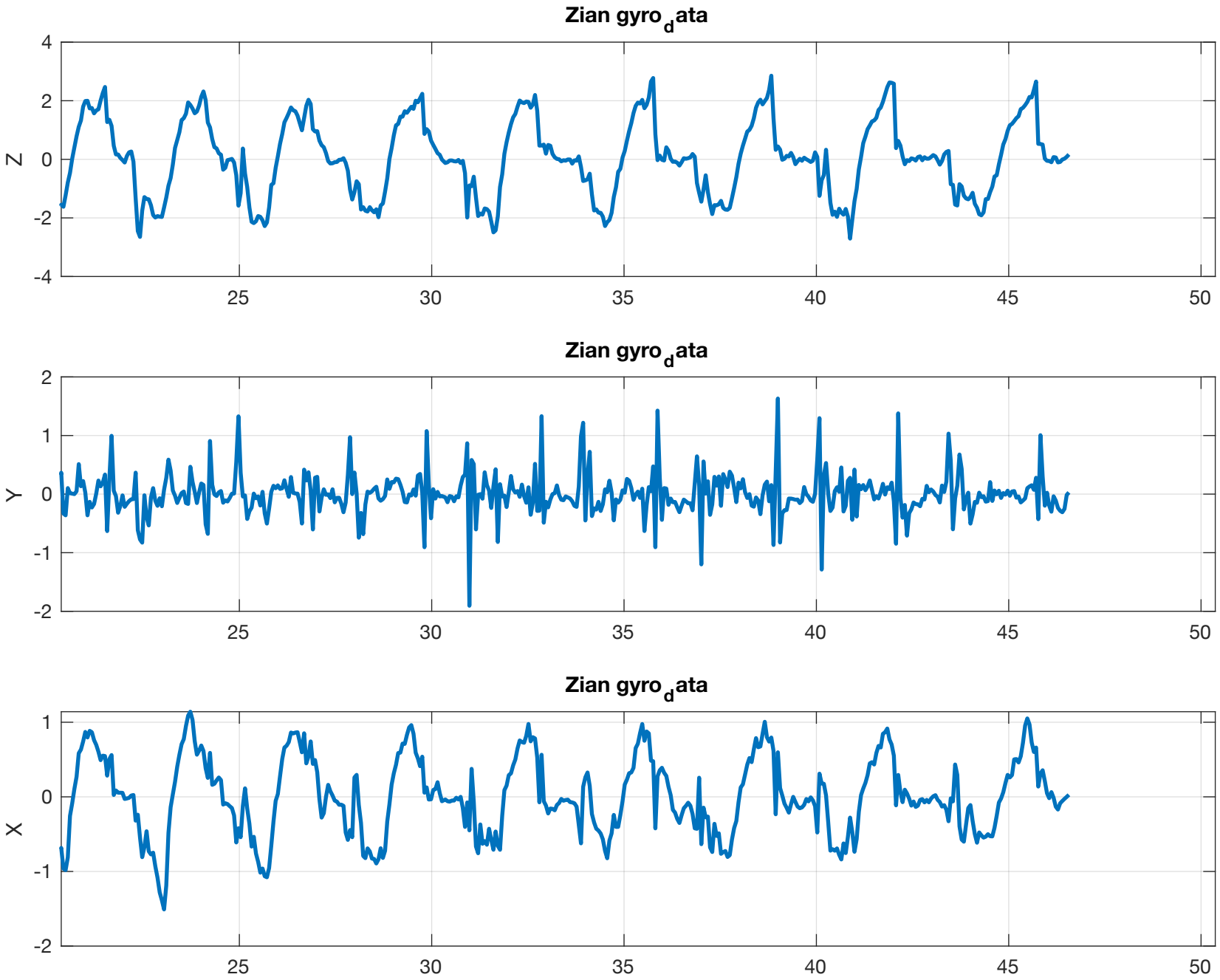

Zian bar_data
Relative Altitude
5
0
-5
25
30
35
40
45
50

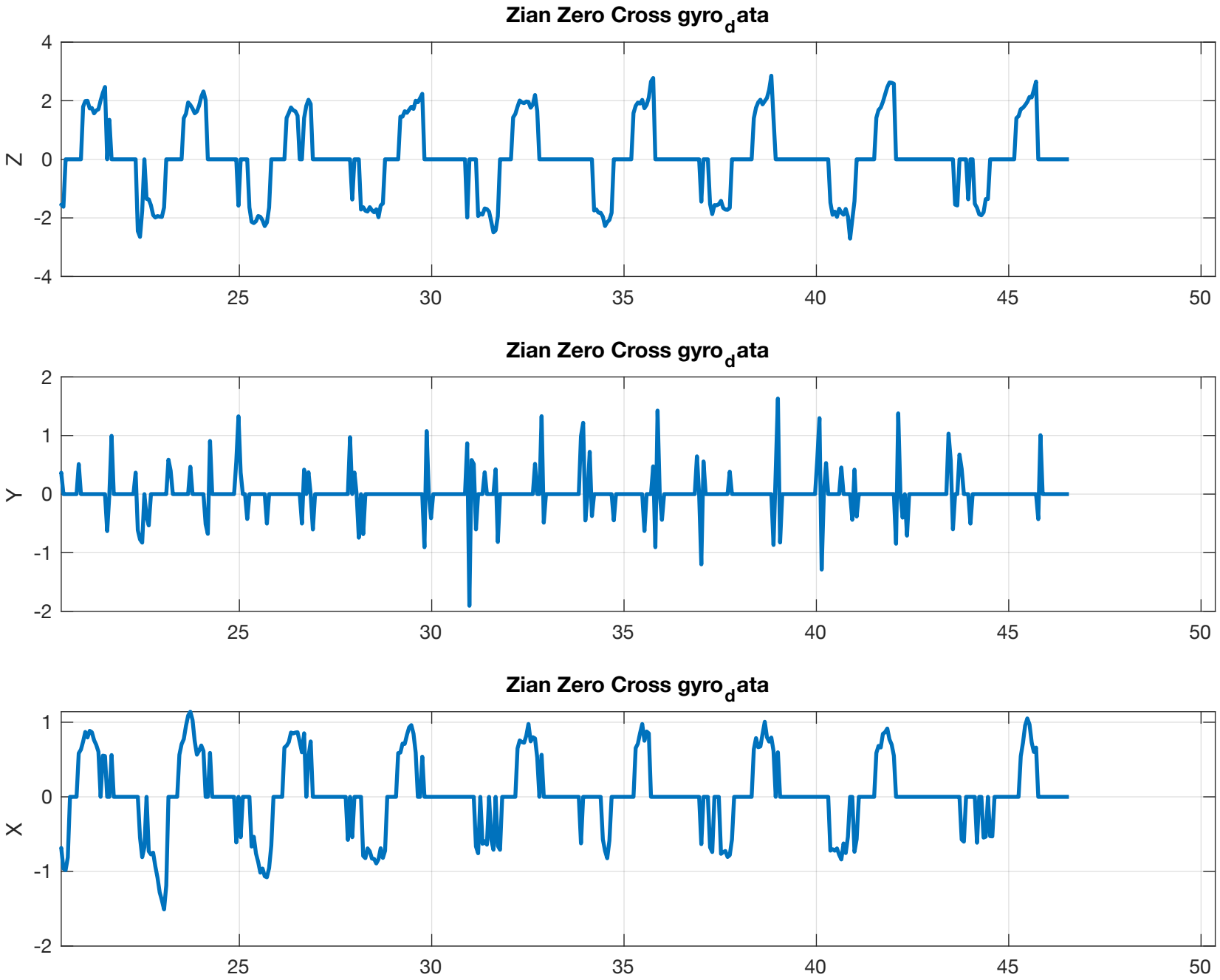

Zian bar_data
Pressure
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
25
30
35
40
45
50


Zian Zero Cross bar_data
Relative Altitude
5
0
-5
25
30
35
40
45
50

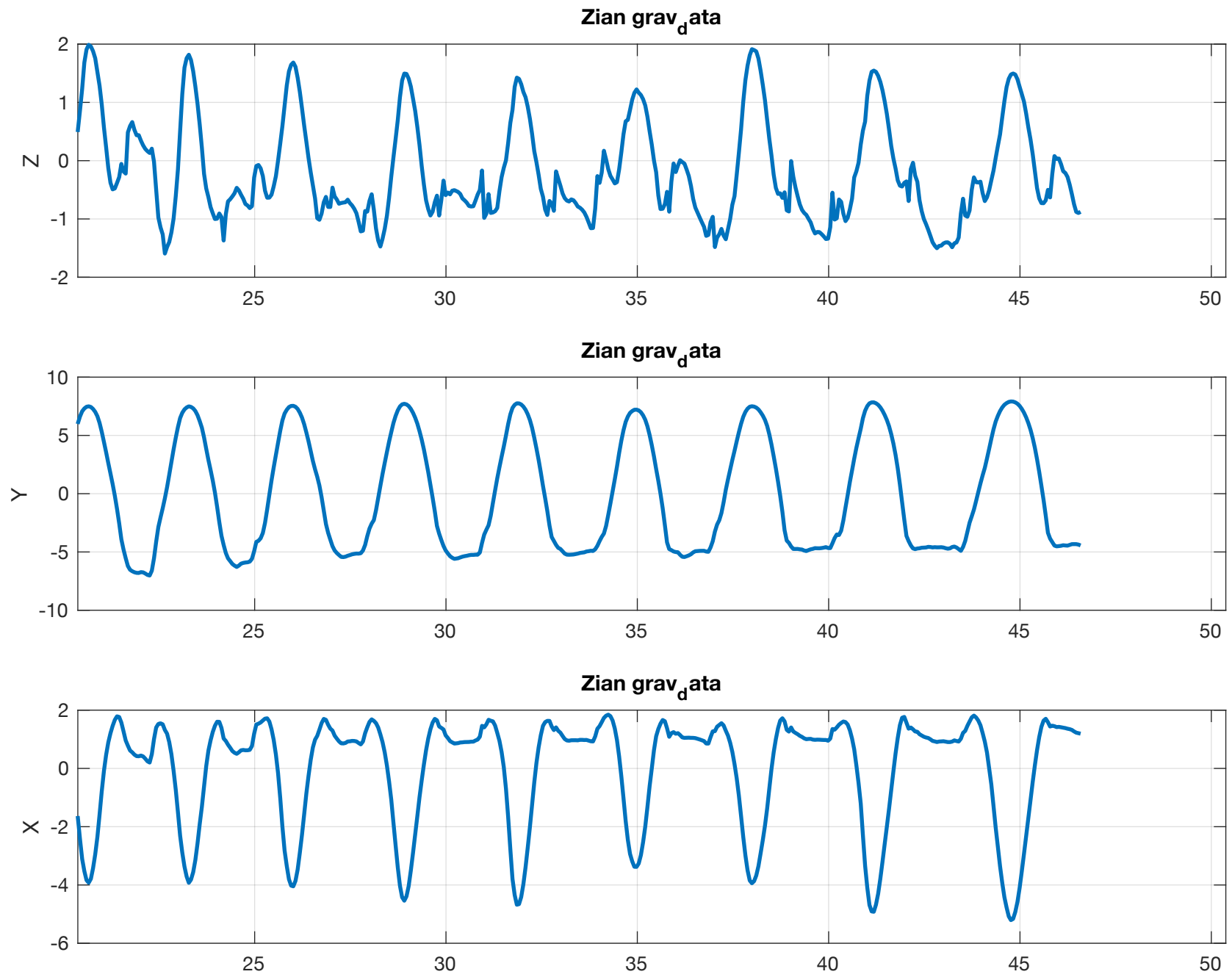

Zian Zero Cross bar_data
Pressure
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
25
30
35
40
45
50

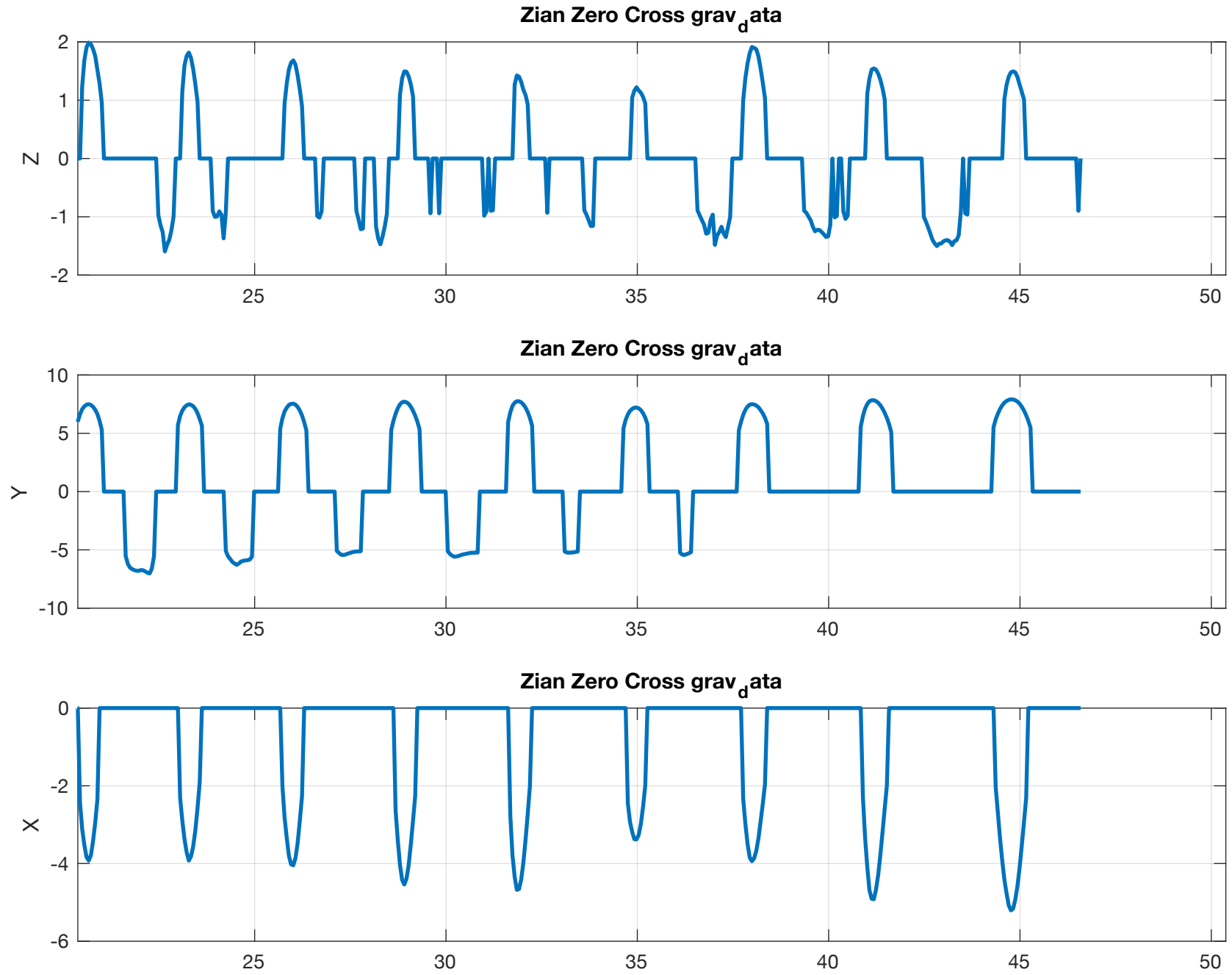
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-30.000	-21.000	-6.000	-4.000	"bar_data"
"Pressure"	-35.000	-20.000	0.000	-4.000	"bar_data"


Zian gyro_data
Z
4
2
0
-2
-4
25
30
35
40
45
50
Zian gyro_data
Y
2
1
0
-1
-2
25
30
35
40
45
50
Zian gyro_data
X
1
0
-1
-2
25
30
35
40
45
50

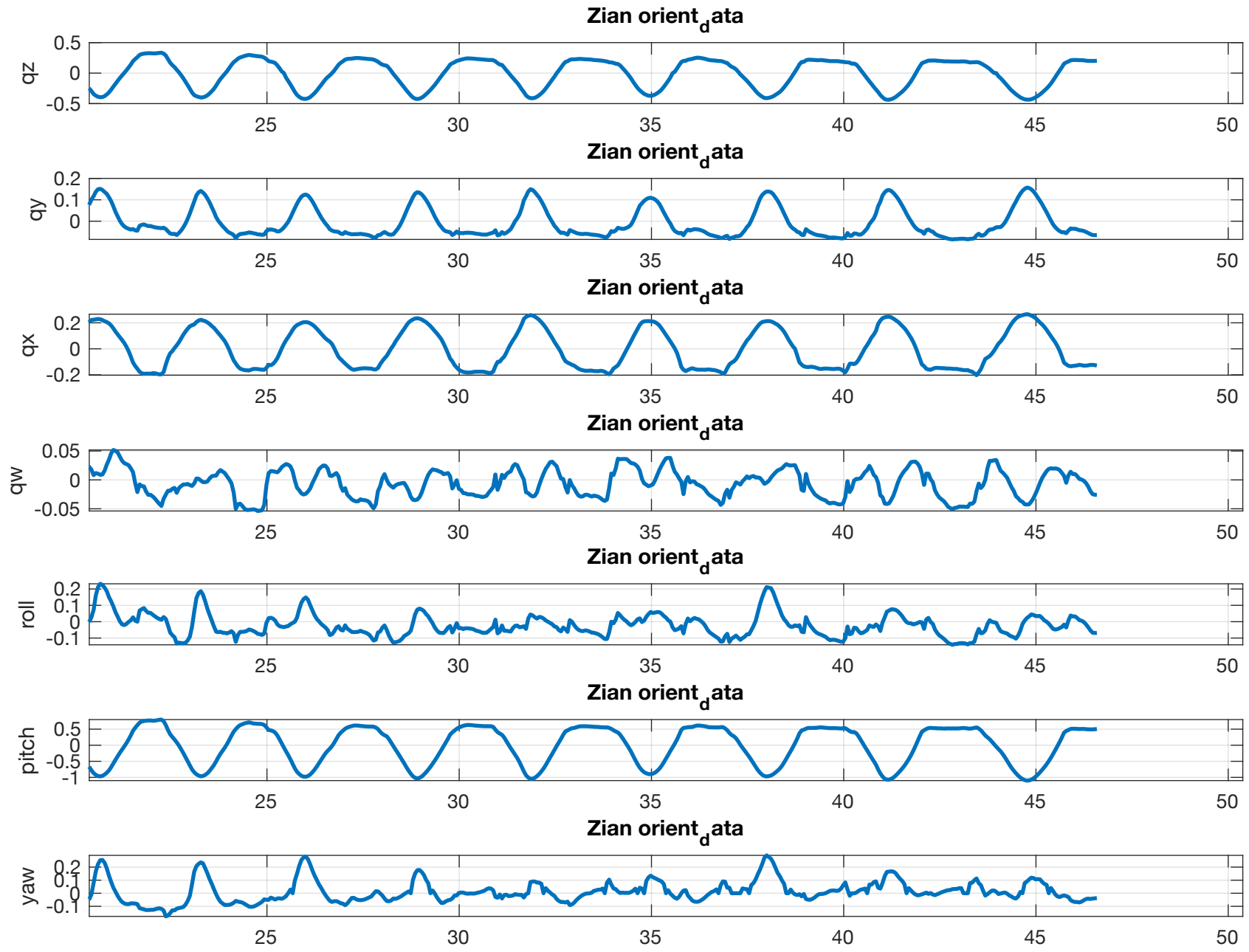

Zian Zero Cross gyro_data
Z
4
2
0
-2
-4
25
30
35
40
45
50
Zian Zero Cross gyro_data
Y
2
1
0
-1
-2
25
30
35
40
45
50
Zian Zero Cross gyro_data
X
1
0
-1
-2
25
30
35
40
45
50

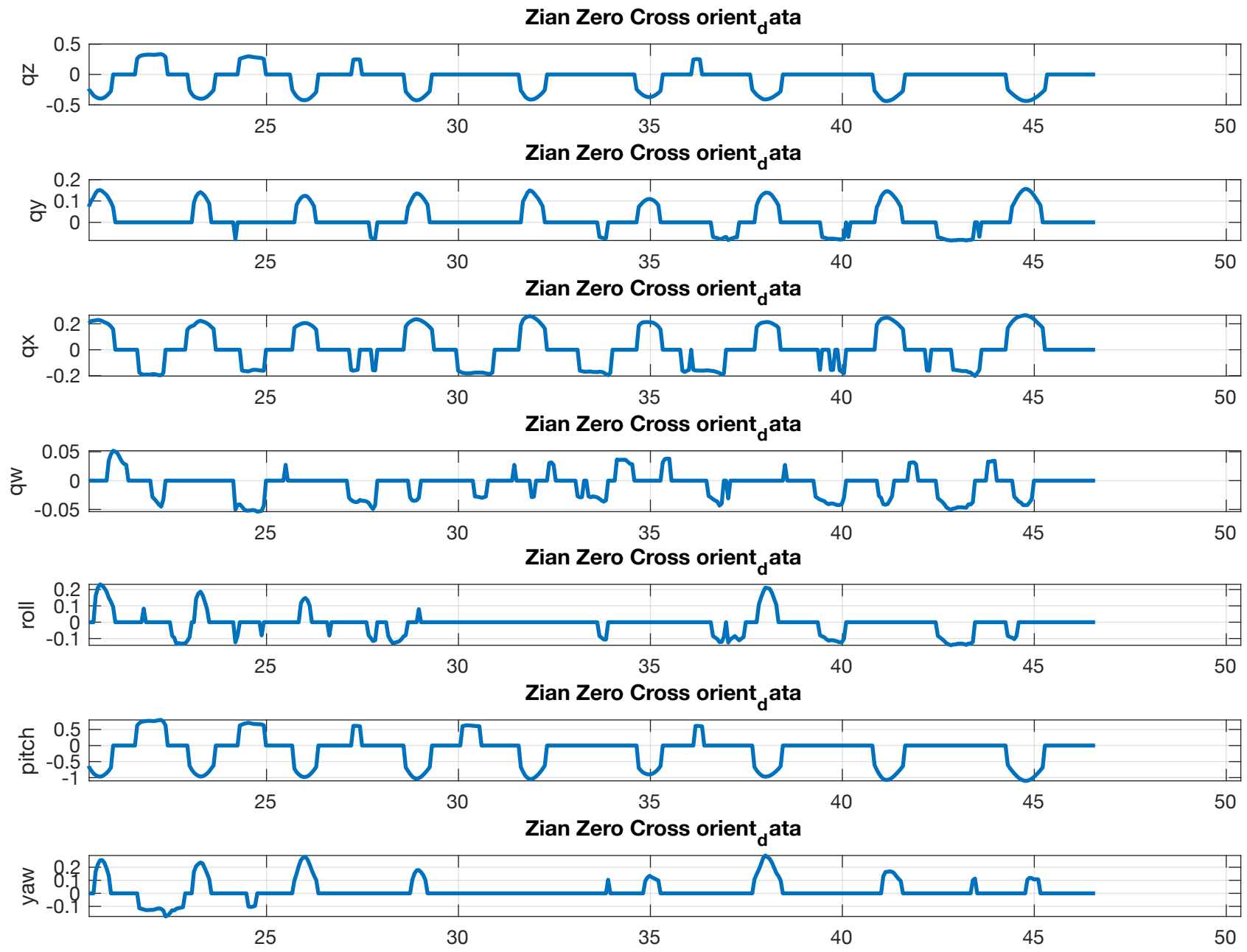
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-91.000	-53.000	-11.000	-7.000	"gyro_data"
'Y'	-176.000	-130.000	-44.000	-35.500	"gyro_data"
'X'	-117.000	-60.000	-13.000	-15.000	"gyro_data"


Zian grav_data
Z
2
1
0
-1
-2
25
30
35
40
45
50
Zian grav_data
Y
10
5
0
-5
-10
25
30
35
40
45
50
Zian grav_data
X
2
0
-2
-4
-6
25
30
35
40
45
50


Zian Zero Cross grav_data
Z
2
1
0
-1
-2
25
30
35
40
45
50
Zian Zero Cross grav_data
Y
10
5
0
-5
-10
25
30
35
40
45
50
Zian Zero Cross grav_data
X
0
-2
-4
-6
25
30
35
40
45
50

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-59.000	-18.000	-6.000	-5.000	"grav_data"
'Y'	-17.000	0.000	3.000	1.000	"grav_data"
'X'	-34.000	-34.000	0.000	3.500	"grav_data"


Zian orientdata
qz
0.5
0
-0.5
25
30
35
40
45
50
Zian orientdata
qy
0.2
0.1
0
25
30
35
40
45
50
Zian orientdata
qx
0.2
0
-0.2
25
30
35
40
45
50
Zian orientdata
qw
0.05
0
-0.05
25
30
35
40
45
50
Zian orientdata
roll
0.2
0.1
0
-0.1
25
30
35
40
45
50
Zian orientdata
pitch
0.5
0
-0.5
-1
25
30
35
40
45
50
Zian orientdata
yaw
0.2
0.1
0
-0.1
25
30
35
40
45
50


Zian Zero Cross orientdata
qz
0.5
0
-0.5
25
30
35
40
45
50
Zian Zero Cross orientdata
qy
0.2
0.1
0
25
30
35
40
45
50
Zian Zero Cross orientdata
qx
0.2
0
-0.2
25
30
35
40
45
50
Zian Zero Cross orientdata
qw
0.05
0
-0.05
25
30
35
40
45
50
Zian Zero Cross orientdata
roll
0.2
0.1
0
-0.1
25
30
35
40
45
50
Zian Zero Cross orientdata
pitch
0.5
0
-0.5
-1
25
30
35
40
45
50
Zian Zero Cross orientdata
yaw
0.2
0.1
0
-0.1
25
30
35
40
45
50

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-11.000	-11.000	7.000	2.000	"orient_data"
'qy'	-48.000	-4.000	-2.000	2.000	"orient_data"
'qx'	-22.000	0.000	2.000	-2.500	"orient_data"
'qw'	-65.000	-41.000	-6.000	-4.000	"orient_data"
'roll'	-69.000	-34.000	-11.000	-1.500	"orient_data"
'pitch'	-16.000	-16.000	4.000	1.500	"orient_data"
'yaw'	-76.000	-38.000	-7.000	2.000	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Y"	'zero_cross'	17.000
'bar_data'	"Pressure"	'double_findpeaks'	0.000
'gyro_data'	"Z"	'zero_cross'	7.000
'grav_data'	"Y"	'findpeaks_above_zero'	0.000
'orient_data'	"qx"	'findpeaks_above_zero'	0.000