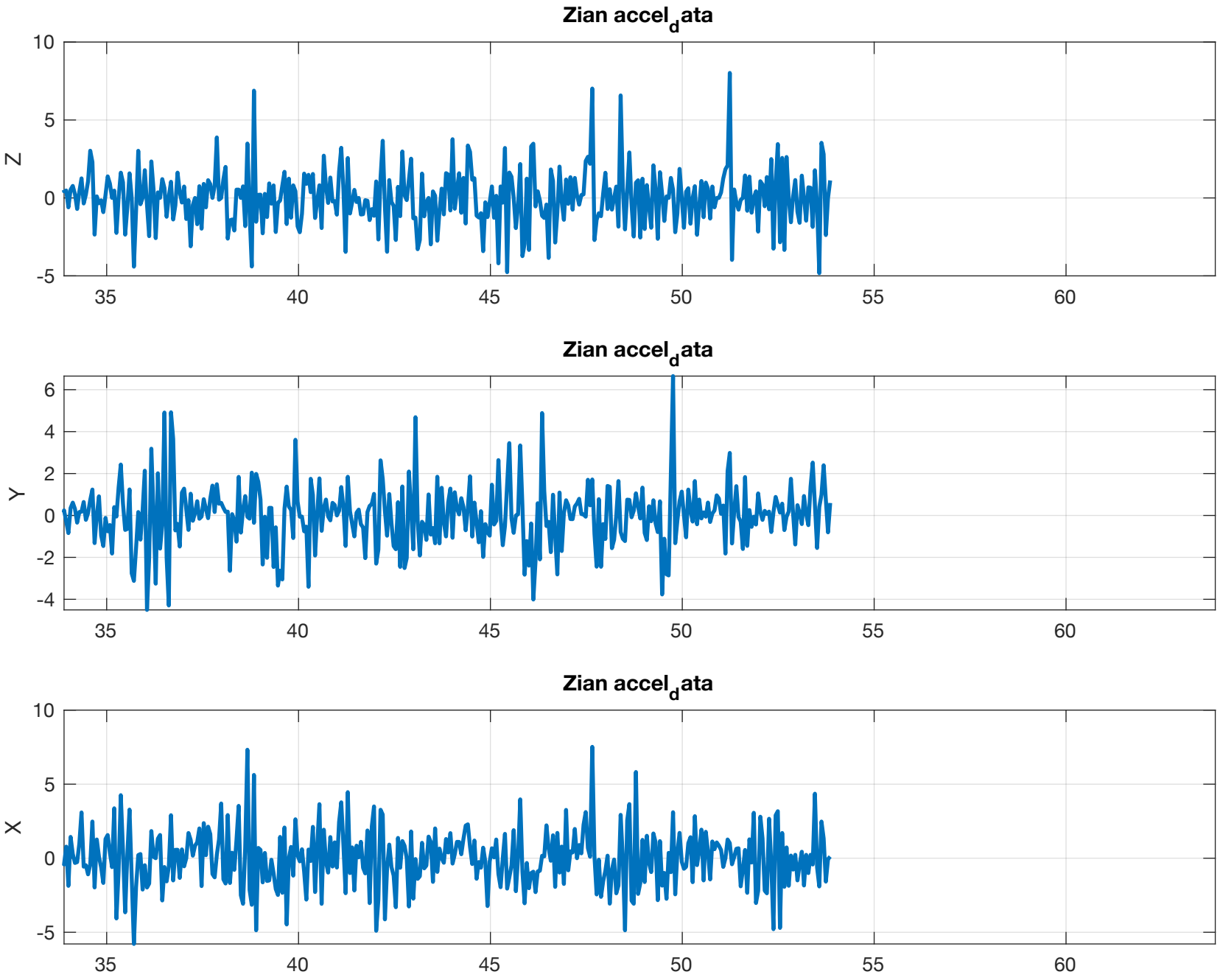
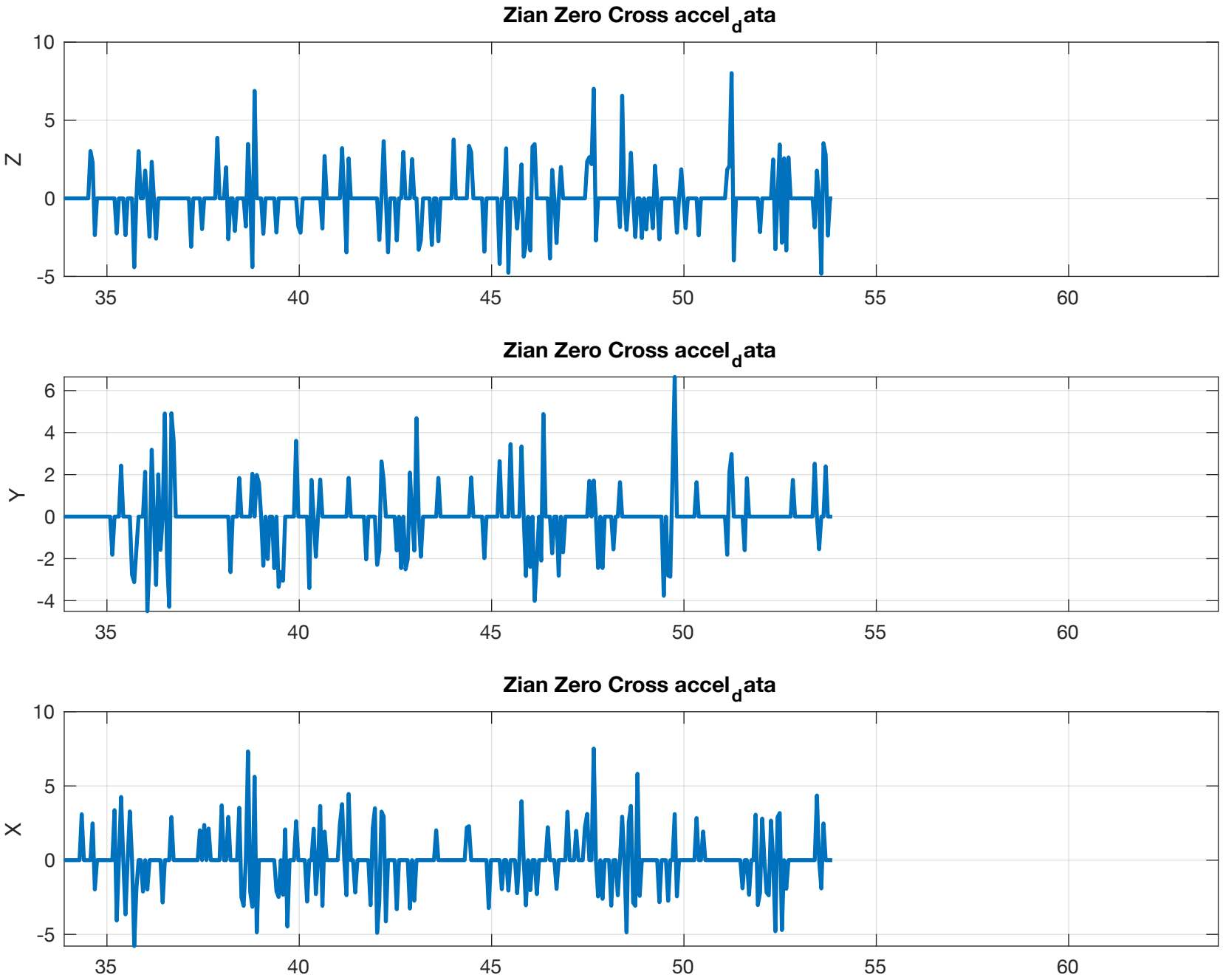
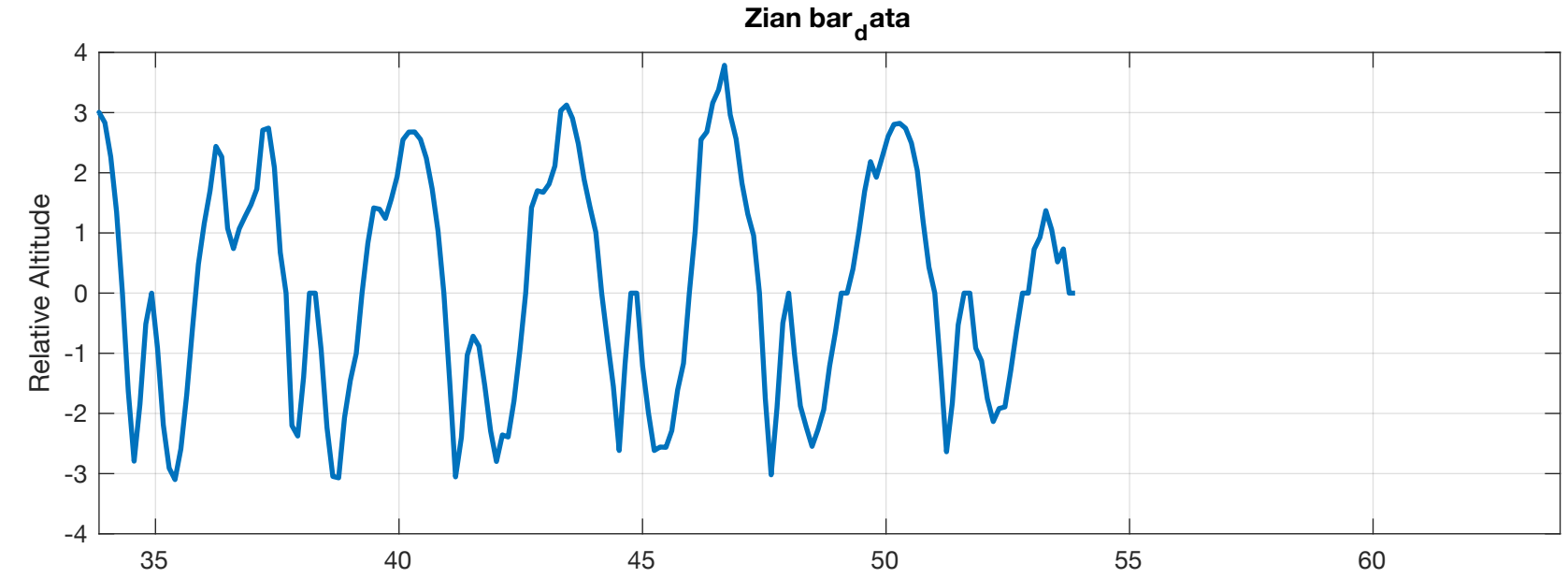
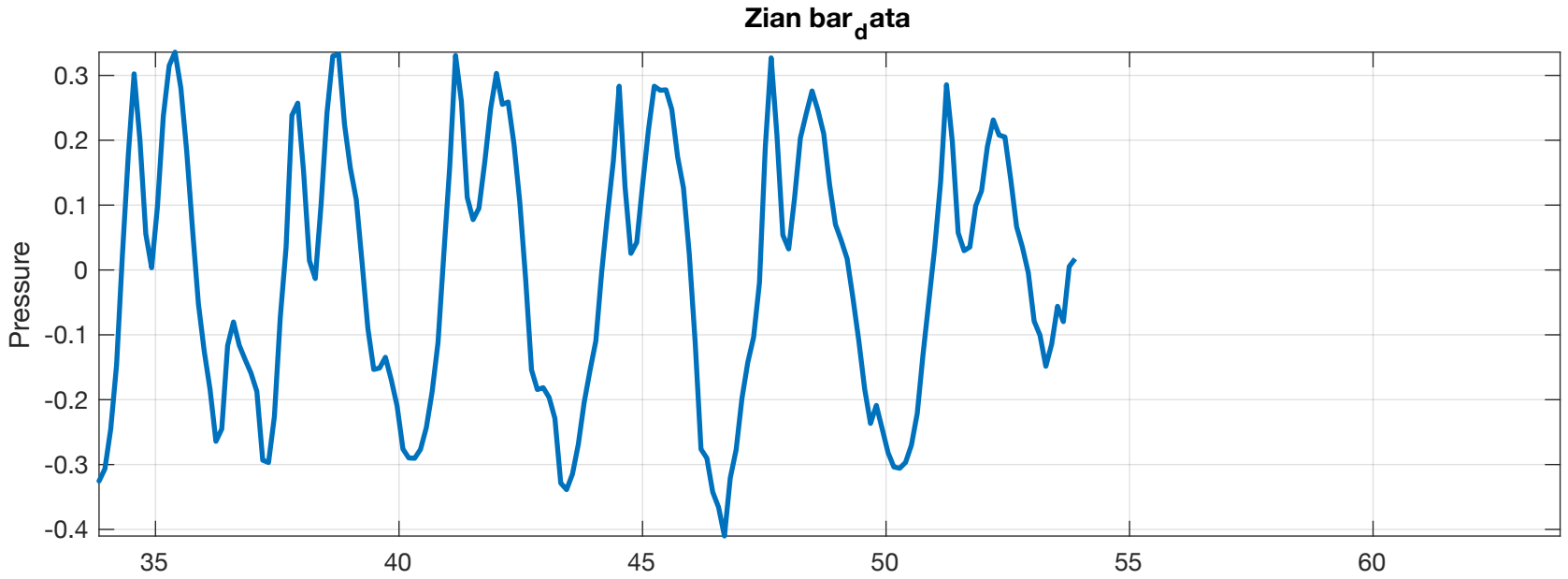
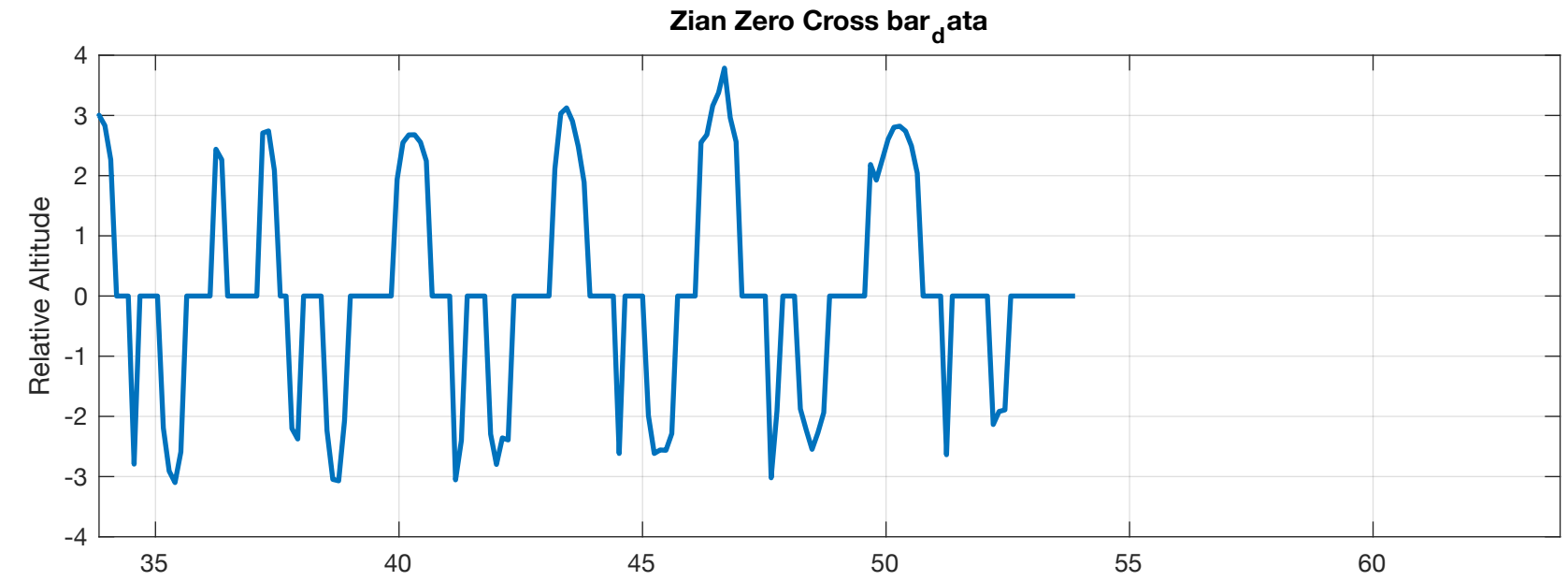

Zian accel_data
Z
10
5
0
-5
35
40
45
50
55
60
Zian accel_data
Y
6
4
2
0
-2
-4
35
40
45
50
55
60
Zian accel_data
X
10
5
0
-5
35
40
45
50
55
60

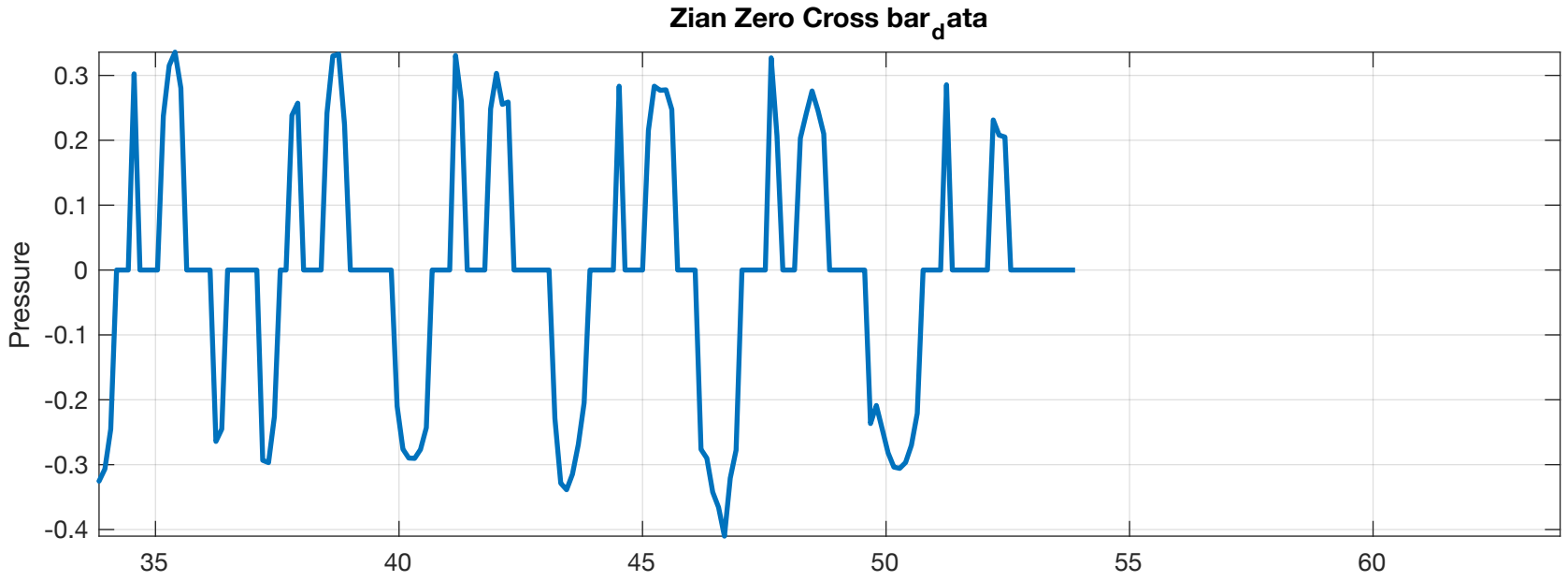

Zian Zero Cross accel_data
Z
10
5
0
-5
35
40
45
50
55
60
Zian Zero Cross accel_data
Y
6
4
2
0
-2
-4
35
40
45
50
55
60
Zian Zero Cross accel_data
X
10
5
0
-5
35
40
45
50
55
60

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-152.000	-131.000	-40.000	-47.000	"accel_data"
'Y'	-141.000	-120.000	-37.000	-36.500	"accel_data"
'X'	-153.000	-140.000	-39.000	-52.000	"accel_data"

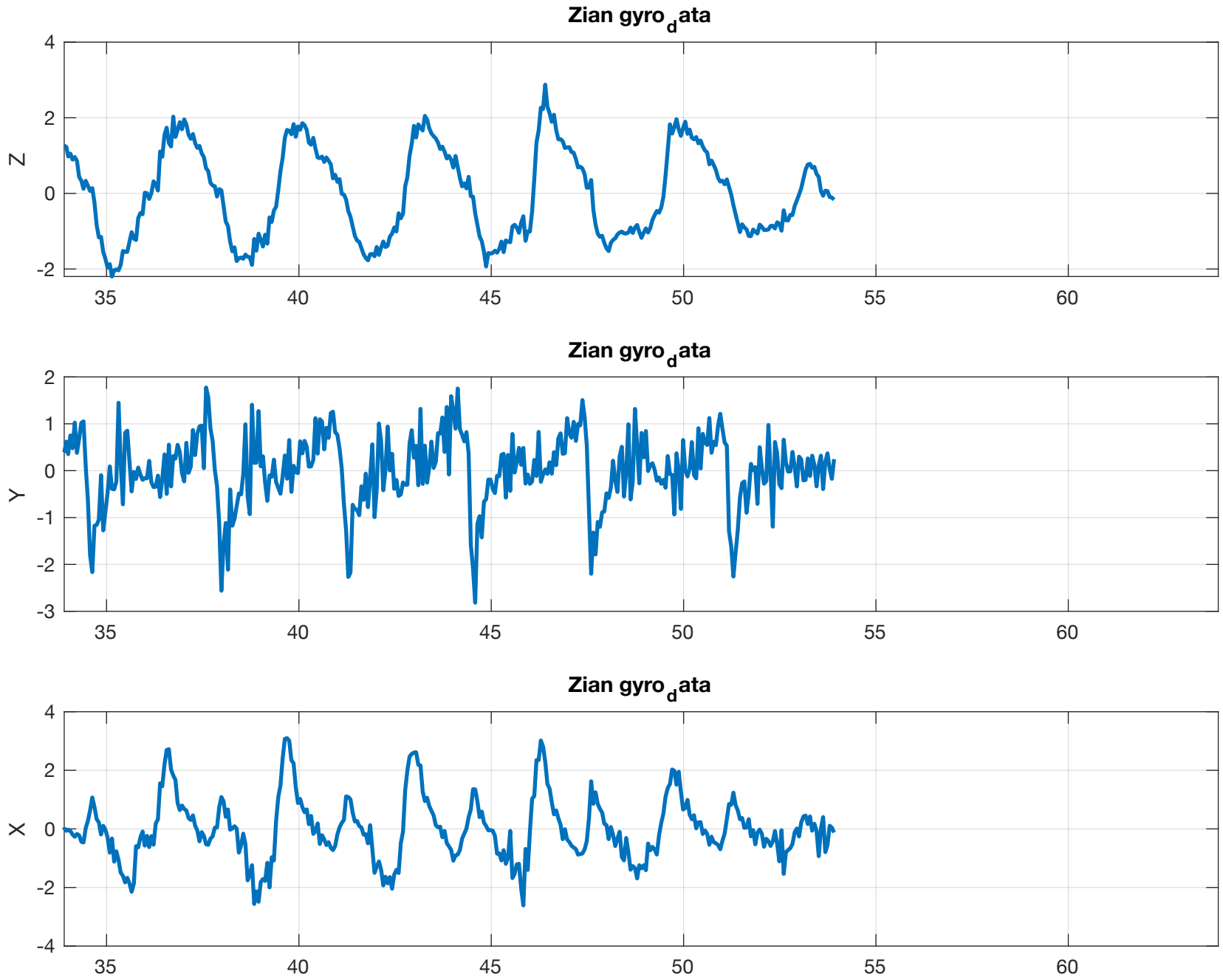

Zian bar_data
Relative Altitude
4
3
2
1
0
-1
-2
-3
-4
35
40
45
50
55
60

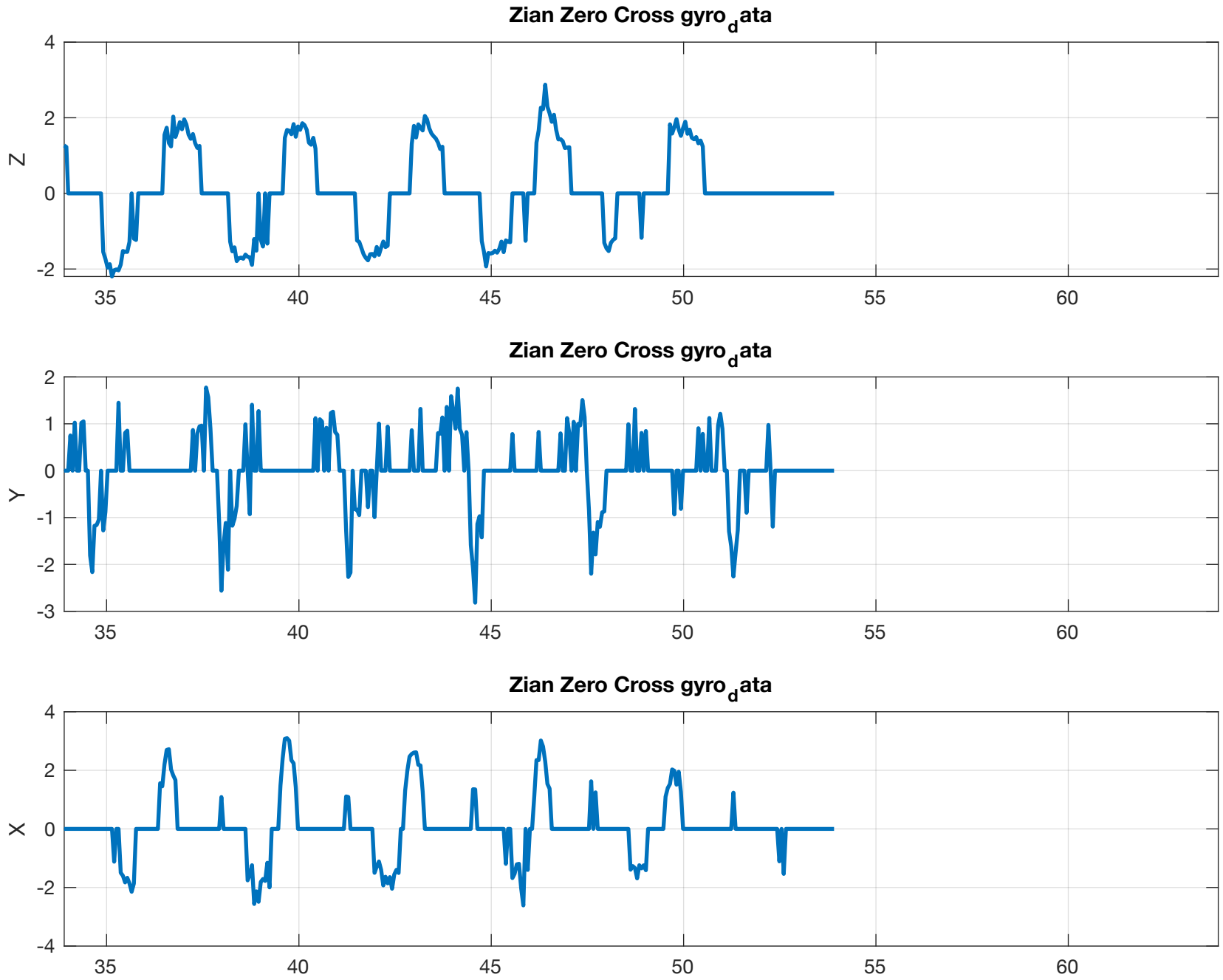

Zian bar_data
Pressure
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
-0.4
35
40
45
50
55
60


Zian Zero Cross bar_data
Relative Altitude
4
3
2
1
0
-1
-2
-3
-4
35
40
45
50
55
60

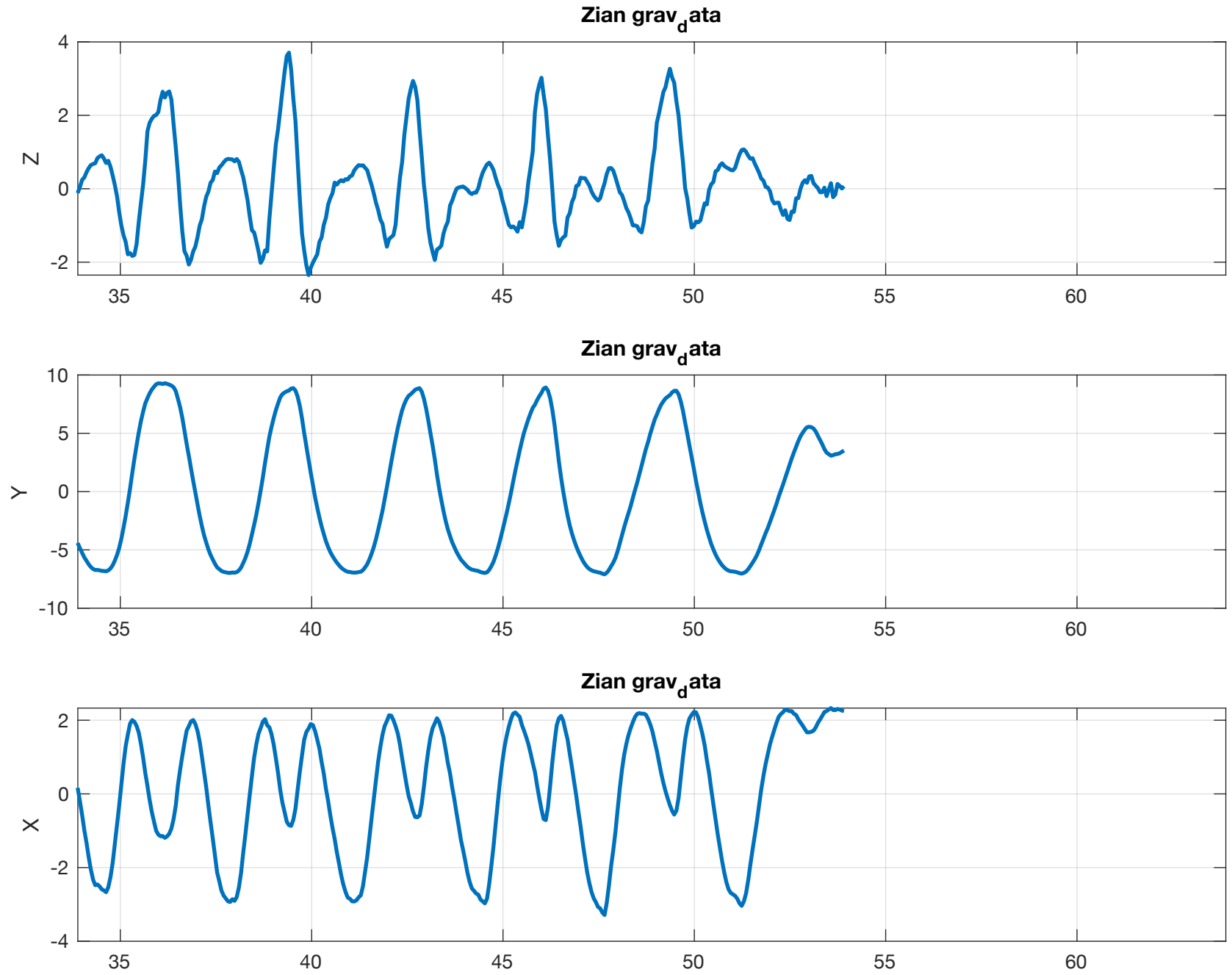

Zian Zero Cross bar_data
Pressure
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
-0.4
35
40
45
50
55
60

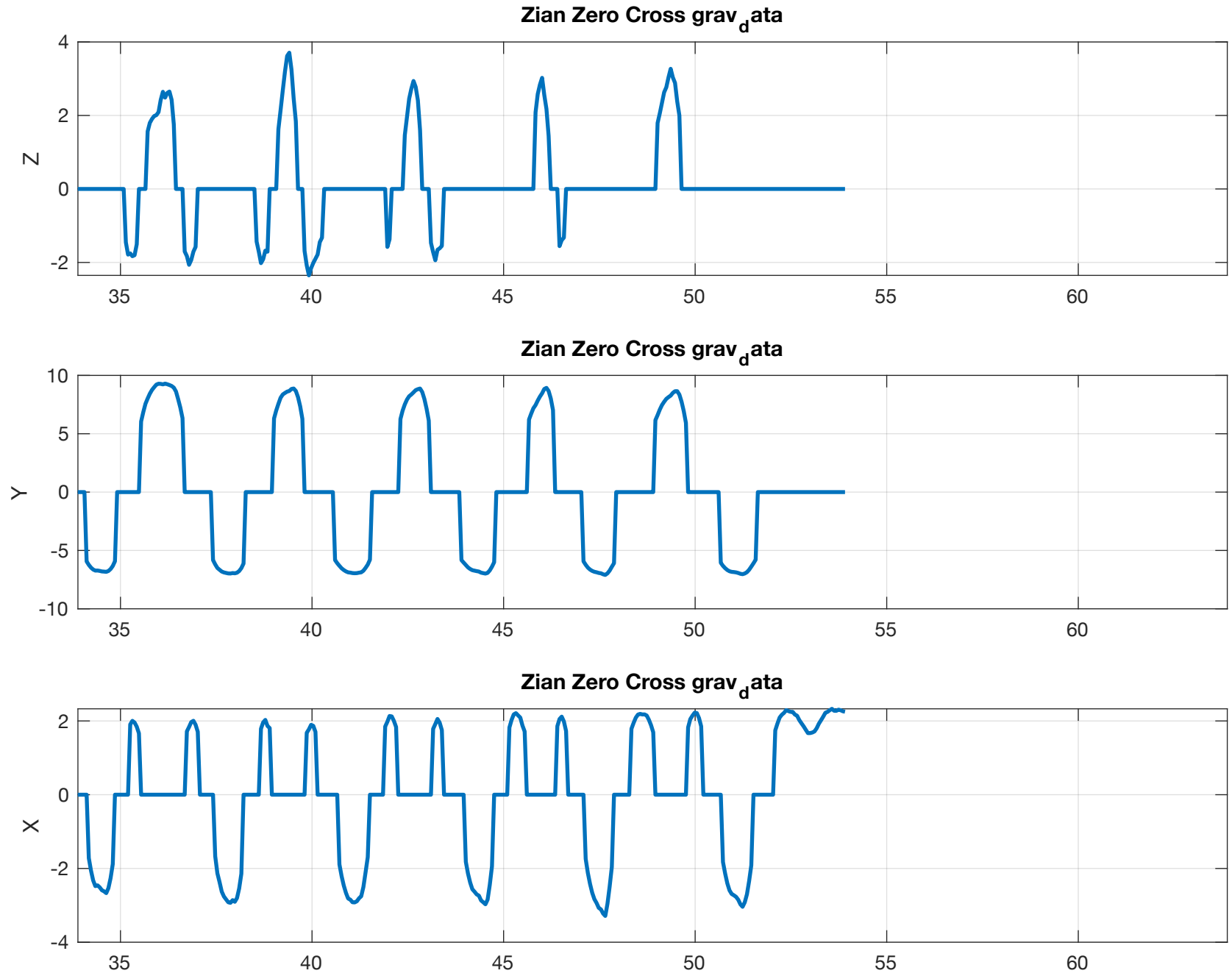
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-19.000	-9.000	-2.000	-5.000	"bar_data"
"Pressure"	-19.000	-10.000	1.000	-5.000	"bar_data"


Zian gyro_data
Z
4
2
0
-2
35
40
45
50
55
60
Zian gyro_data
Y
2
1
0
-1
-2
-3
35
40
45
50
55
60
Zian gyro_data
X
4
2
0
-2
-4
35
40
45
50
55
60

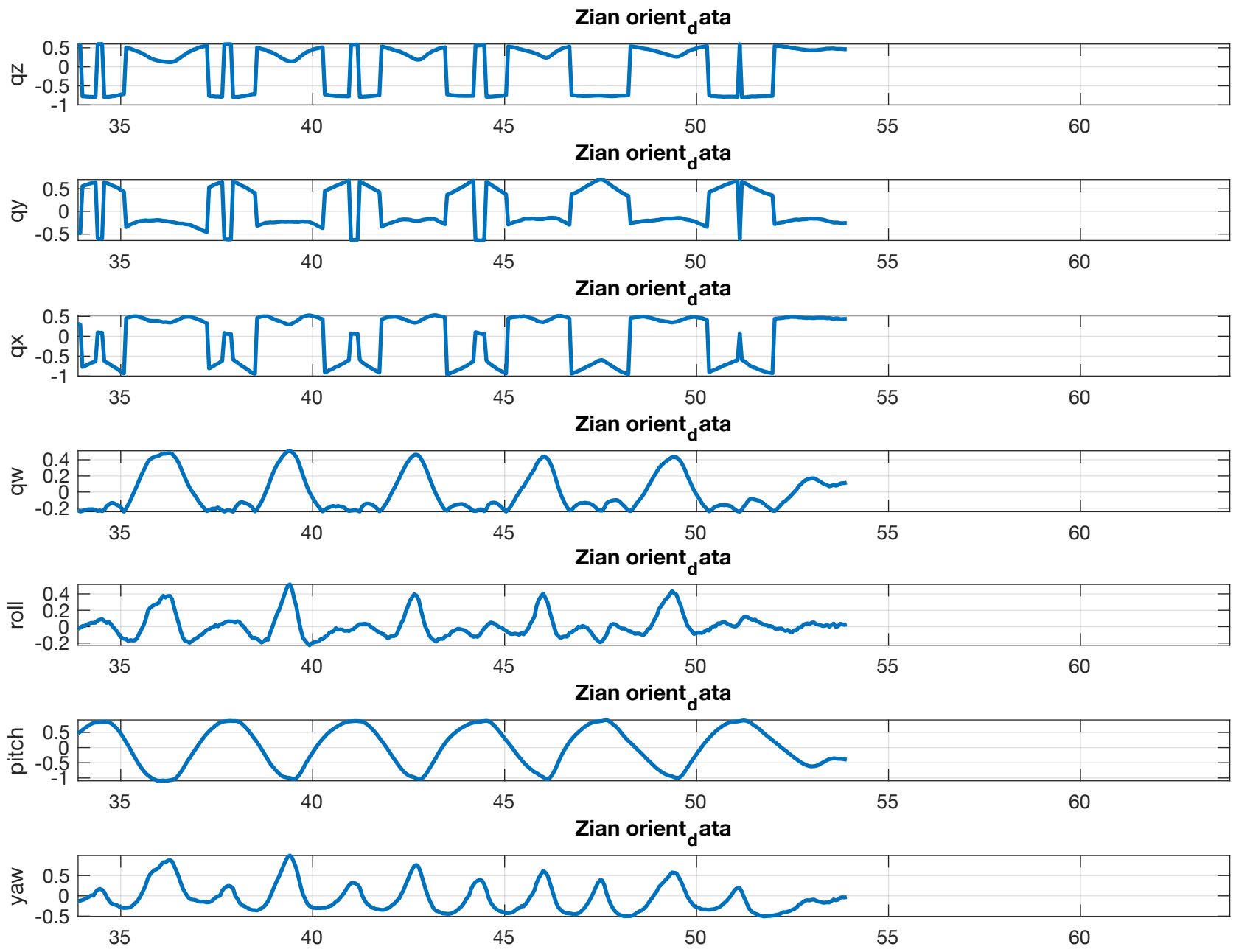

Zian Zero Cross gyro_data
Z
4
2
0
-2
35
40
45
50
55
60
Zian Zero Cross gyro_data
Y
2
1
0
-1
-2
-3
35
40
45
50
55
60
Zian Zero Cross gyro_data
X
4
2
0
-2
-4
35
40
45
50
55
60

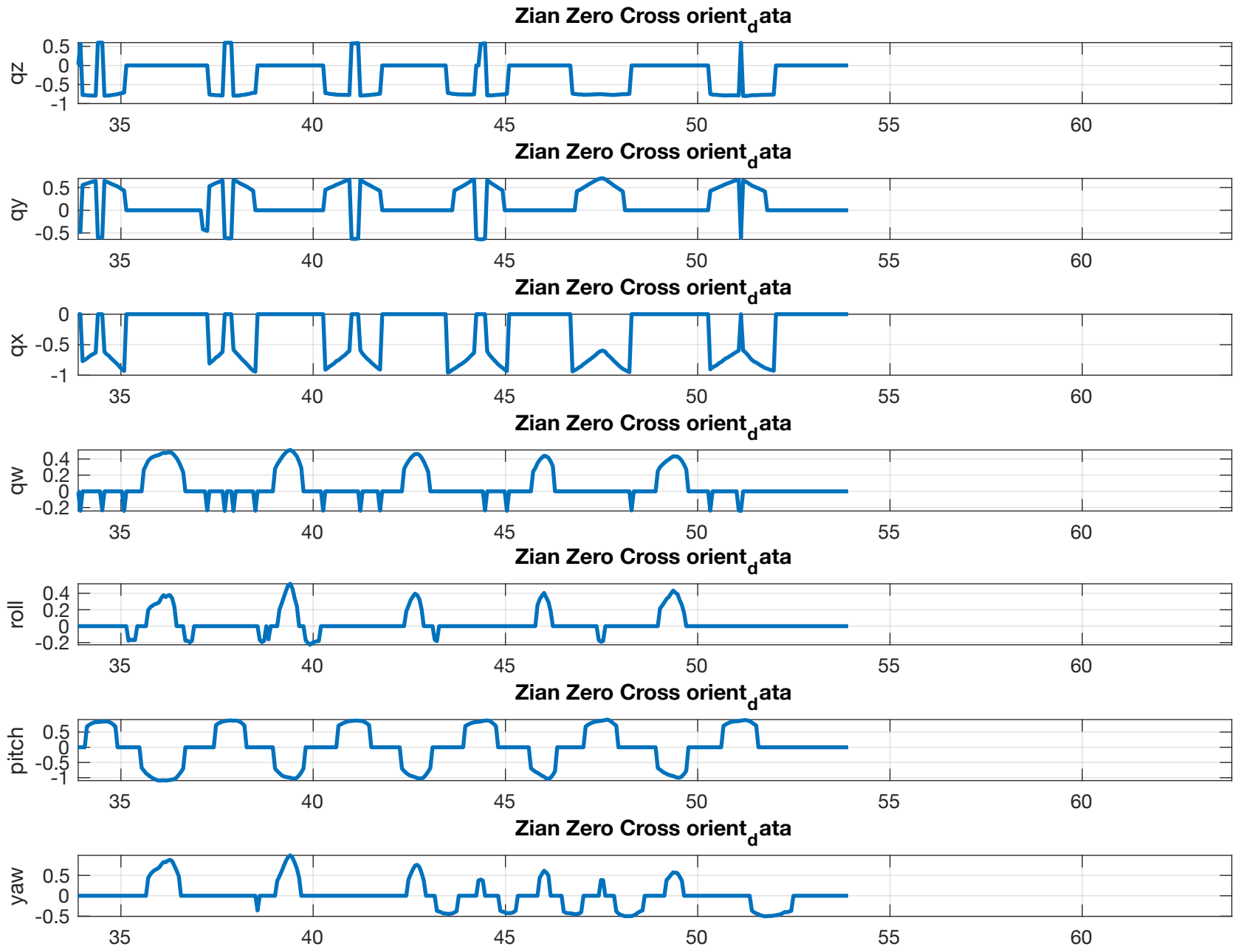
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-111.000	-64.000	-7.000	-3.500	"gyro_data"
'Y'	-140.000	-111.000	-29.000	-25.500	"gyro_data"
'X'	-108.000	-49.000	-11.000	-6.500	"gyro_data"


Zian grav_data
Z
4
2
0
-2
35
40
45
50
55
60
Zian grav_data
Y
10
5
0
-5
-10
35
40
45
50
55
60
Zian grav_data
X
2
0
-2
-4
35
40
45
50
55
60


Zian Zero Cross grav_data
Z
4
2
0
-2
35
40
45
50
55
60
Zian Zero Cross grav_data
Y
10
5
0
-5
-10
35
40
45
50
55
60
Zian Zero Cross grav_data
X
2
0
-2
-4
35
40
45
50
55
60

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-39.000	-26.000	-8.000	-2.000	"grav_data"
'Y'	-6.000	-1.000	4.000	0.500	"grav_data"
'X'	-16.000	-10.000	-1.000	-2.750	"grav_data"


Zian orientdata
qz
0.5
0
-0.5
-1
35
40
45
50
55
60
Zian orientdata
qy
0.5
0
-0.5
35
40
45
50
55
60
Zian orientdata
qx
0.5
0
-0.5
-1
35
40
45
50
55
60
Zian orientdata
qw
0.4
0.2
0
-0.2
35
40
45
50
55
60
Zian orientdata
roll
0.4
0.2
0
-0.2
35
40
45
50
55
60
Zian orientdata
pitch
0.5
0
-0.5
-1
35
40
45
50
55
60
Zian orientdata
yaw
0.5
0
-0.5
35
40
45
50
55
60


Zian Zero Cross orientdata
qz
0.5
0
-0.5
-1
35
40
45
50
55
60
Zian Zero Cross orientdata
qy
0.5
0
-0.5
35
40
45
50
55
60
Zian Zero Cross orientdata
qx
0
-0.5
-1
35
40
45
50
55
60
Zian Zero Cross orientdata
qw
0.4
0.2
0
-0.2
35
40
45
50
55
60
Zian Zero Cross orientdata
roll
0.4
0.2
0
-0.2
35
40
45
50
55
60
Zian Zero Cross orientdata
pitch
0.5
0
-0.5
-1
35
40
45
50
55
60
Zian Zero Cross orientdata
yaw
0.5
0
-0.5
35
40
45
50
55
60

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-33.000	-20.000	-4.000	-3.000	"orient_data"
'qy'	-35.000	-6.000	0.000	-4.500	"orient_data"
'qx'	-33.000	-32.000	-4.000	1.000	"orient_data"
'qw'	-28.000	-2.000	0.000	-5.000	"orient_data"
'roll'	-51.000	-23.000	-7.000	-1.000	"orient_data"
'pitch'	-6.000	-4.000	5.000	0.500	"orient_data"
'yaw'	-24.000	-10.000	0.000	0.500	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Y"	'zero_cross'	36.500
'bar_data'	"Pressure"	'double_findpeaks'	1.000
'gyro_data'	"Z"	'zero_cross'	3.500
'grav_data'	"Y"	'zero_cross'	0.500
'orient_data'	"qy"	'double_findpeaks'	0.000