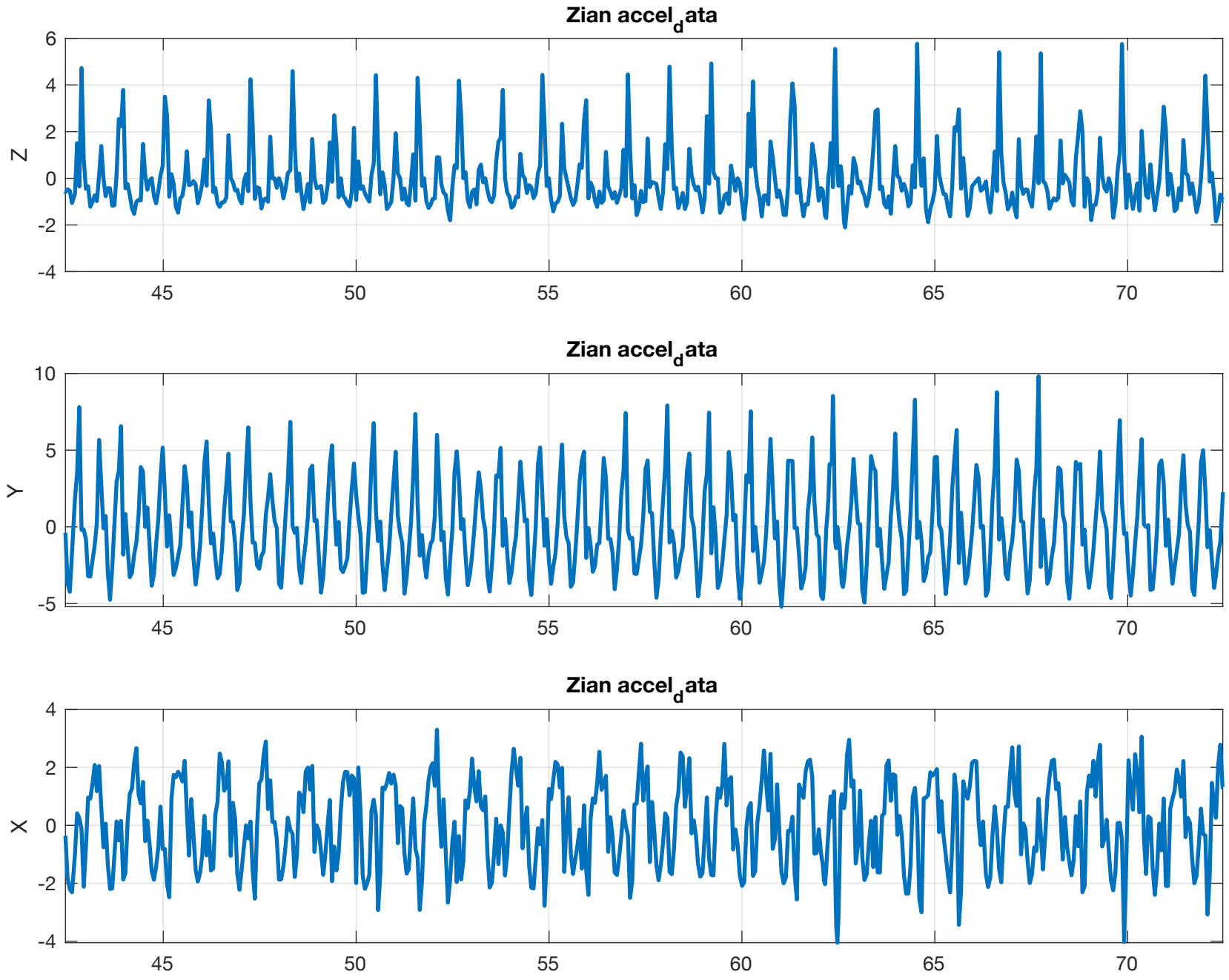
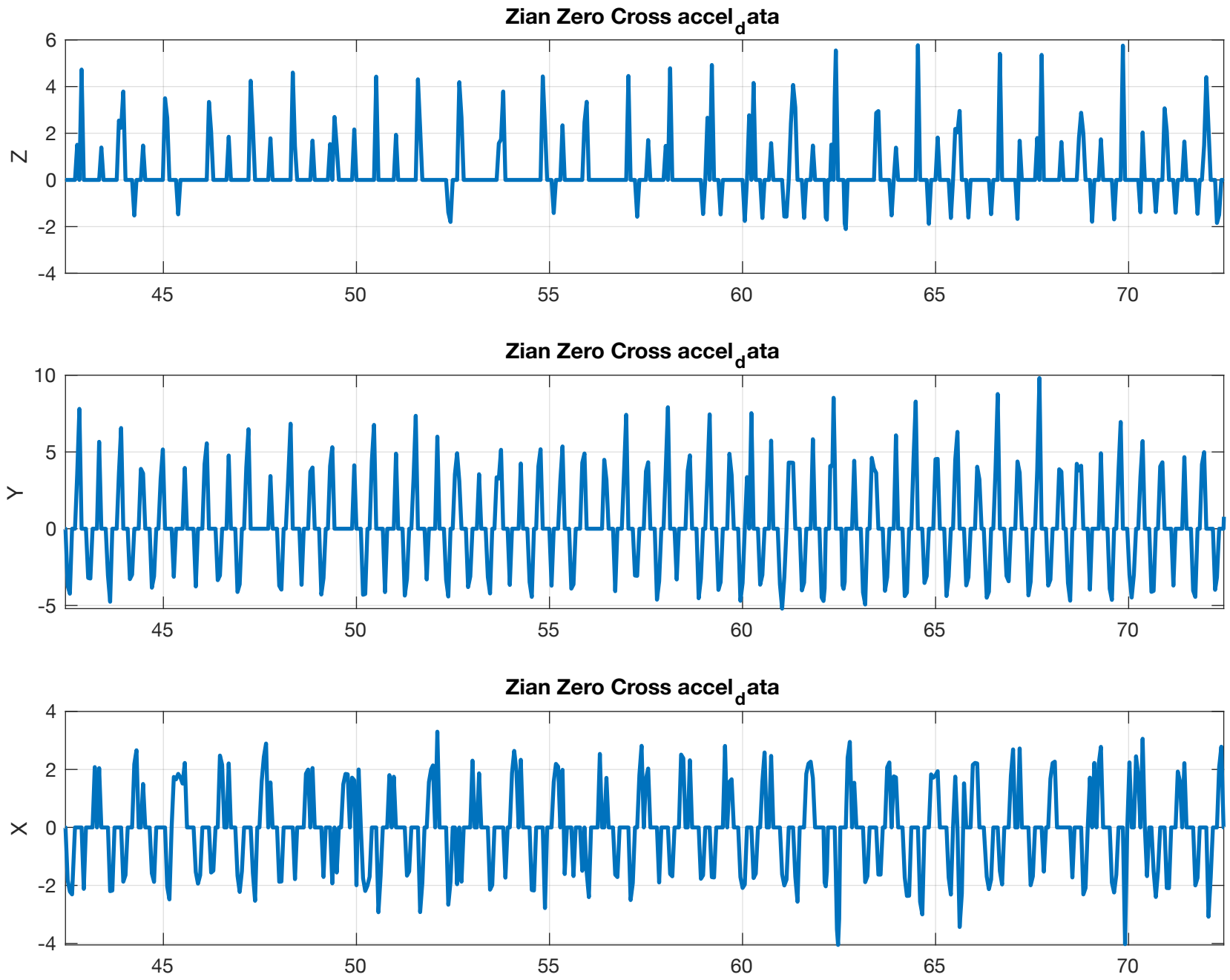
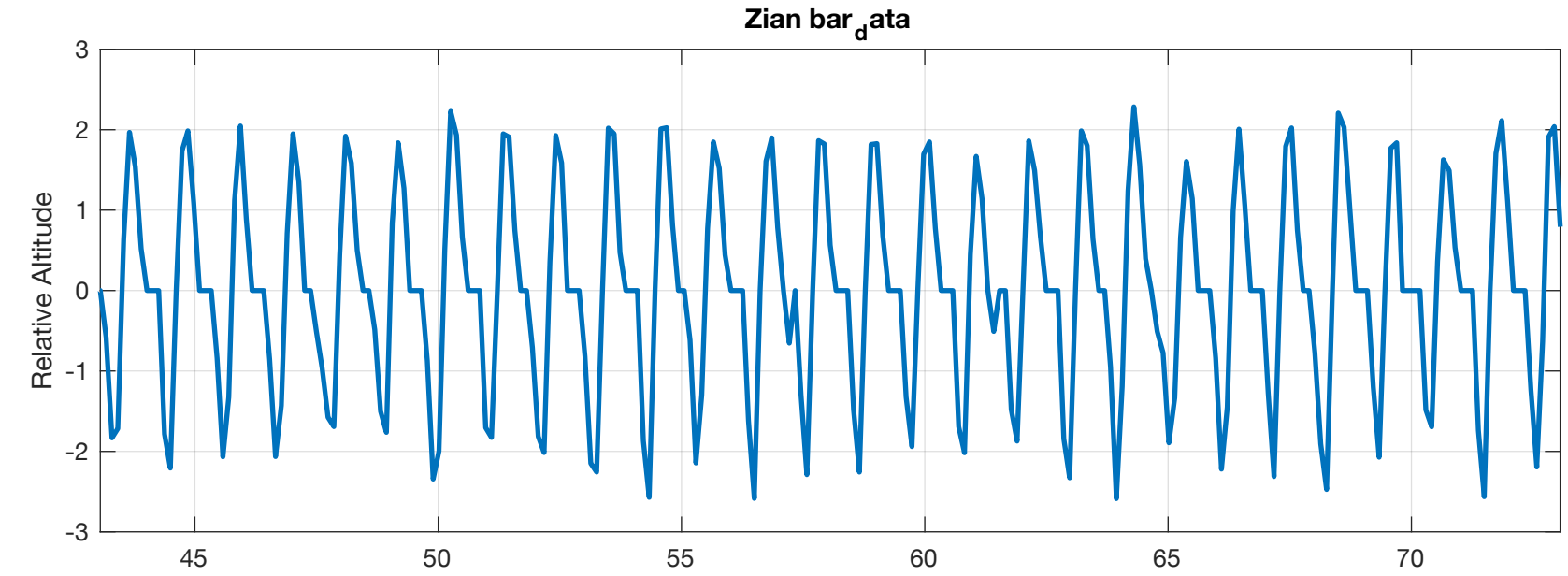
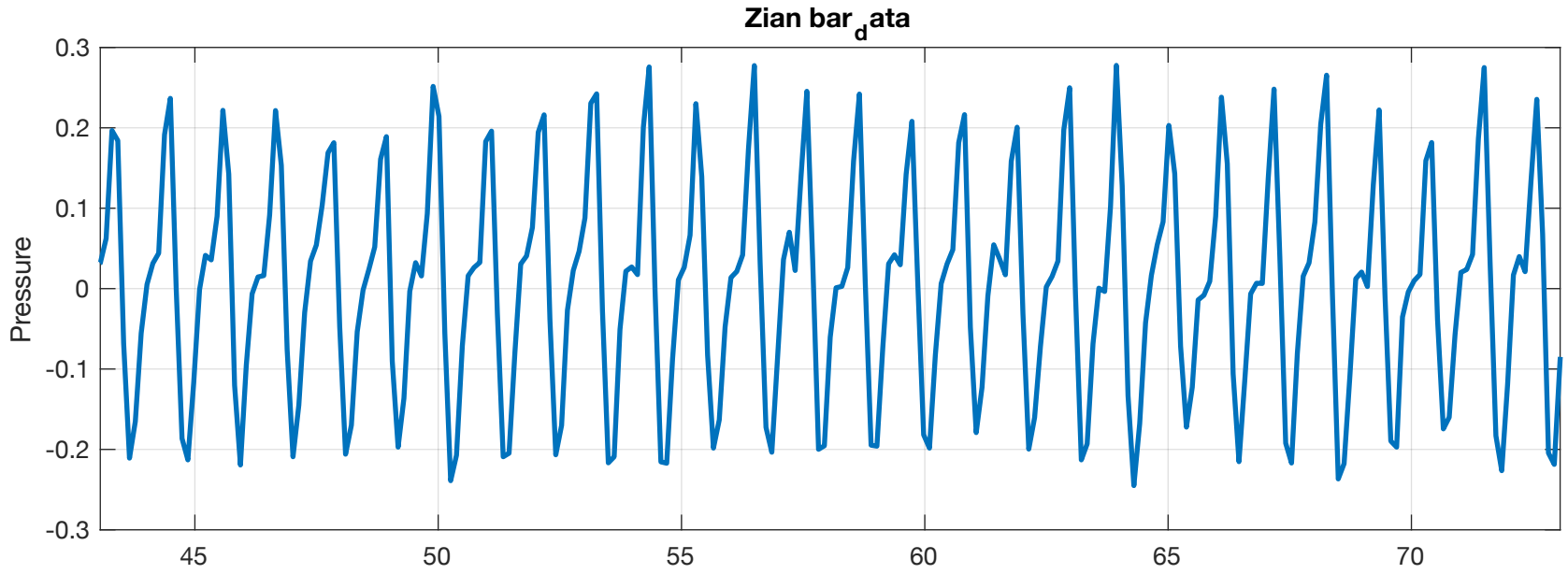
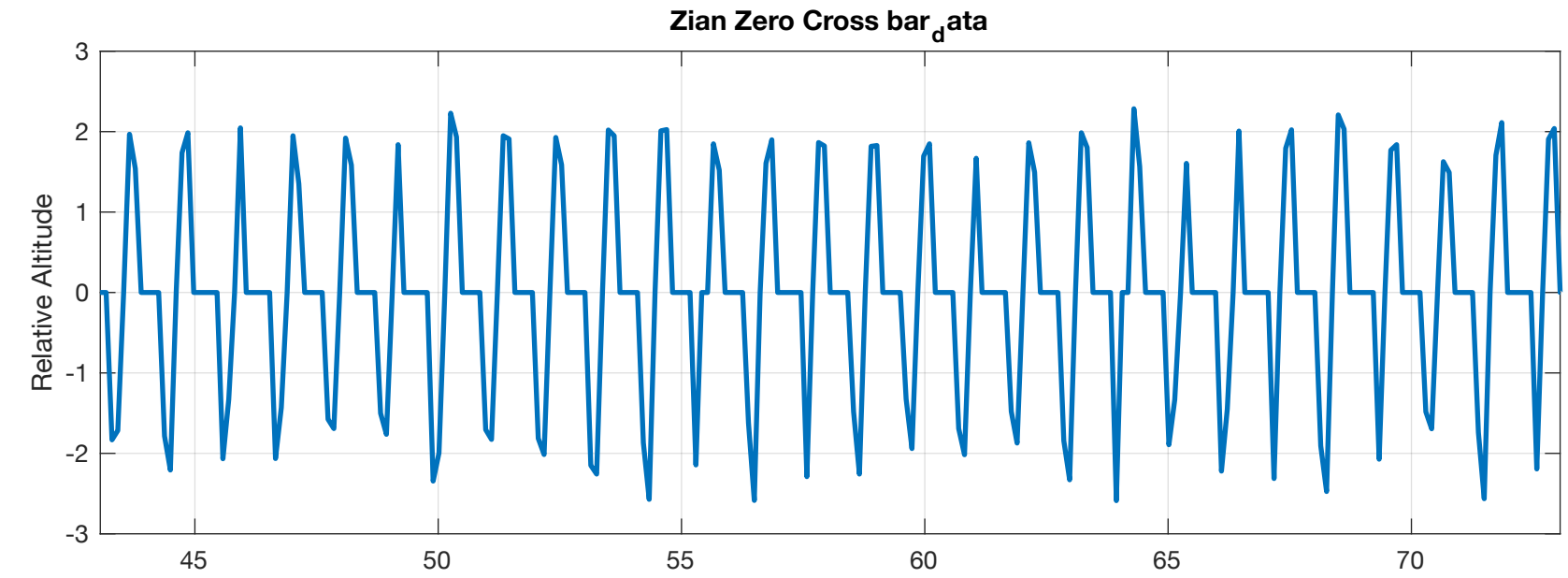

Zian accel_data
Z
6
4
2
0
-2
-4
45
50
55
60
65
70
Zian accel_data
Y
10
5
0
-5
45
50
55
60
65
70
Zian accel_data
X
4
2
0
-2
-4
45
50
55
60
65
70

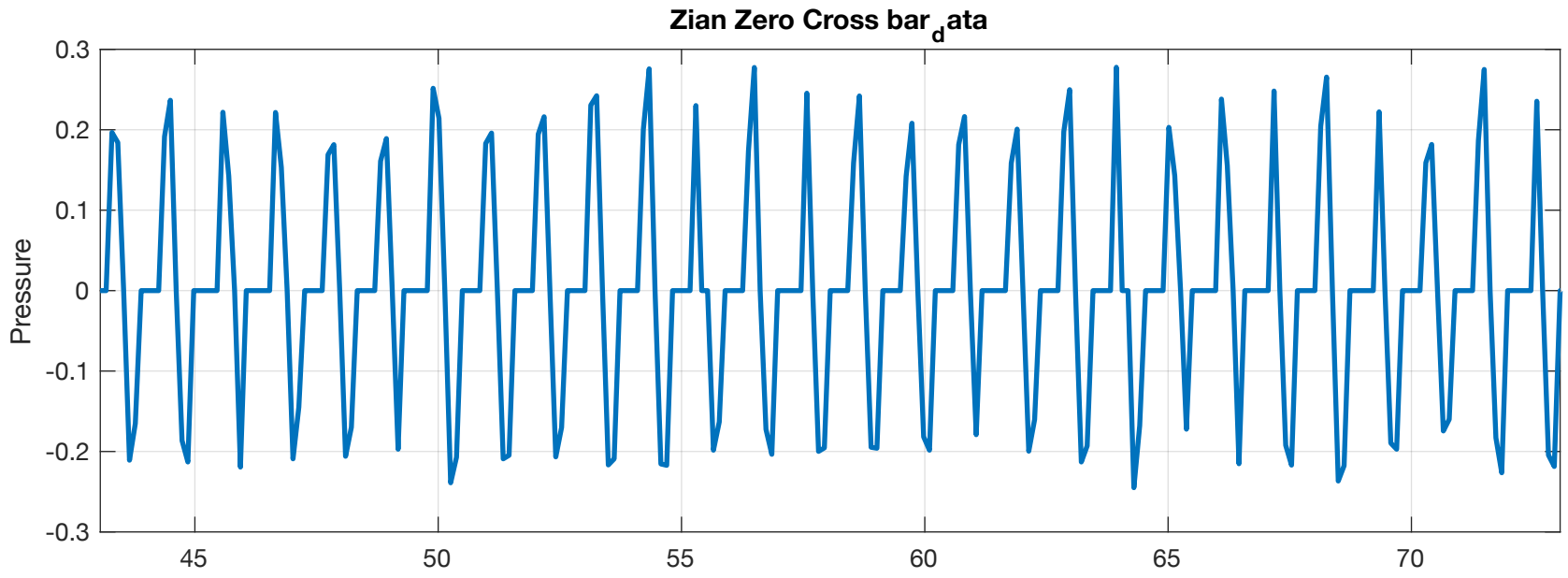

Zian Zero Cross accel_data
Z
6
4
2
0
-2
-4
45
50
55
60
65
70
Zian Zero Cross accel_data
Y
10
5
0
-5
45
50
55
60
65
70
Zian Zero Cross accel_data
X
4
2
0
-2
-4
45
50
55
60
65
70

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-446	-149	26	87.5000	"accel_data"
'Y'	-213	-143	95	4	"accel_data"
'X'	-402	-319	113	3.5000	"accel_data"

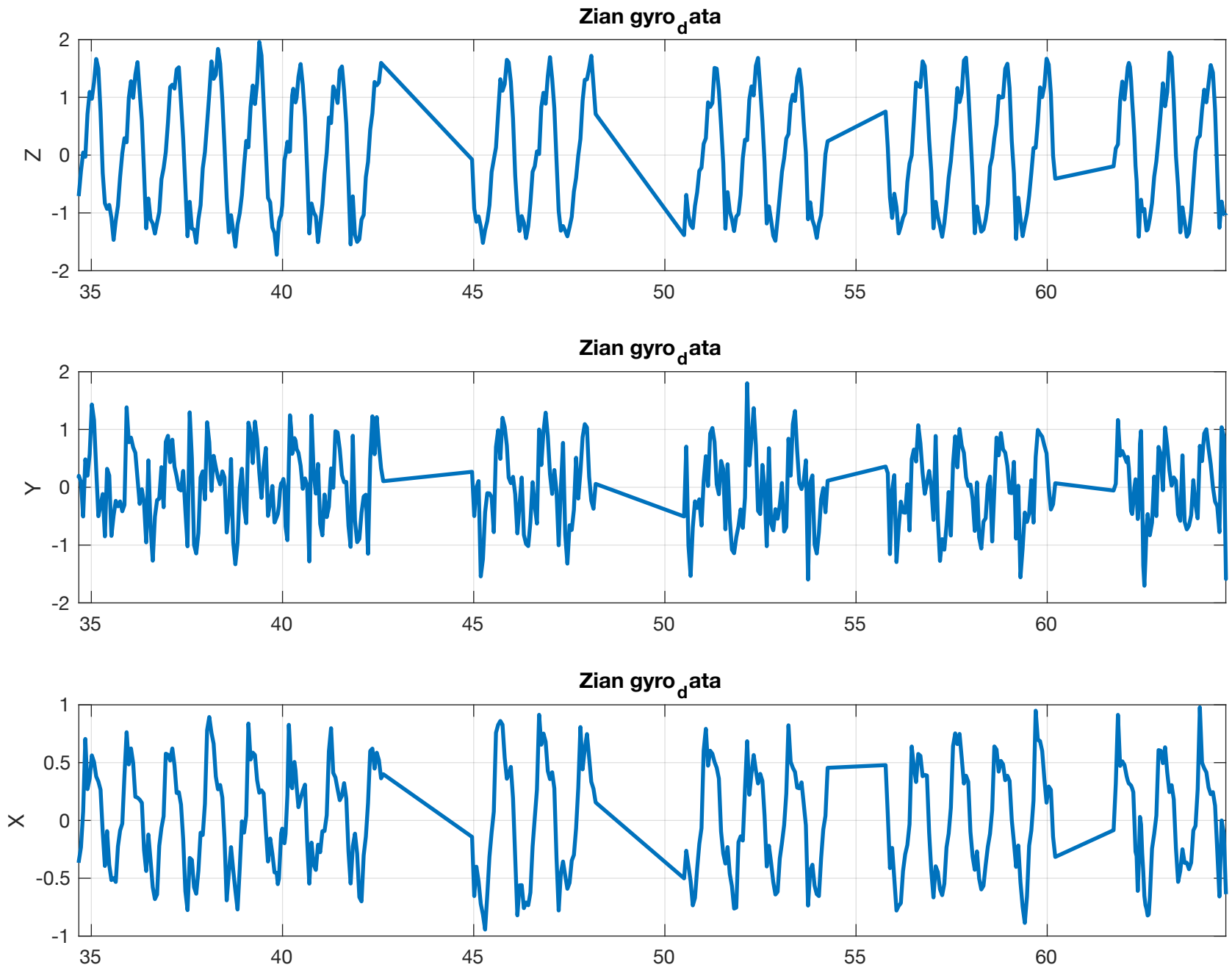

Zian bar_data
Relative Altitude
3
2
1
0
-1
-2
-3
45
50
55
60
65
70

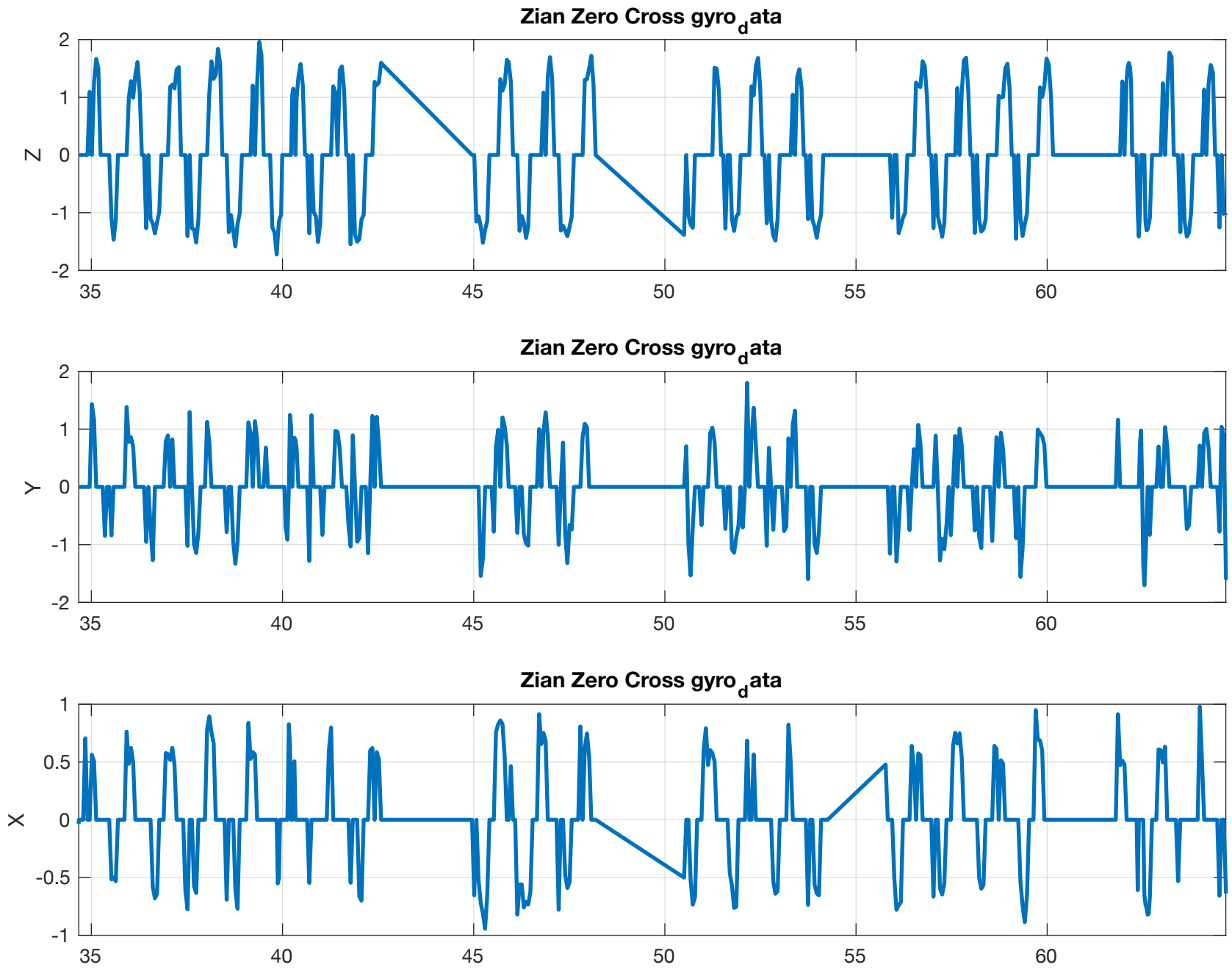

Zian bar_data
Pressure
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
45
50
55
60
65
70


Zian Zero Cross bar_data
Relative Altitude
3
2
1
0
-1
-2
-3
45
50
55
60
65
70

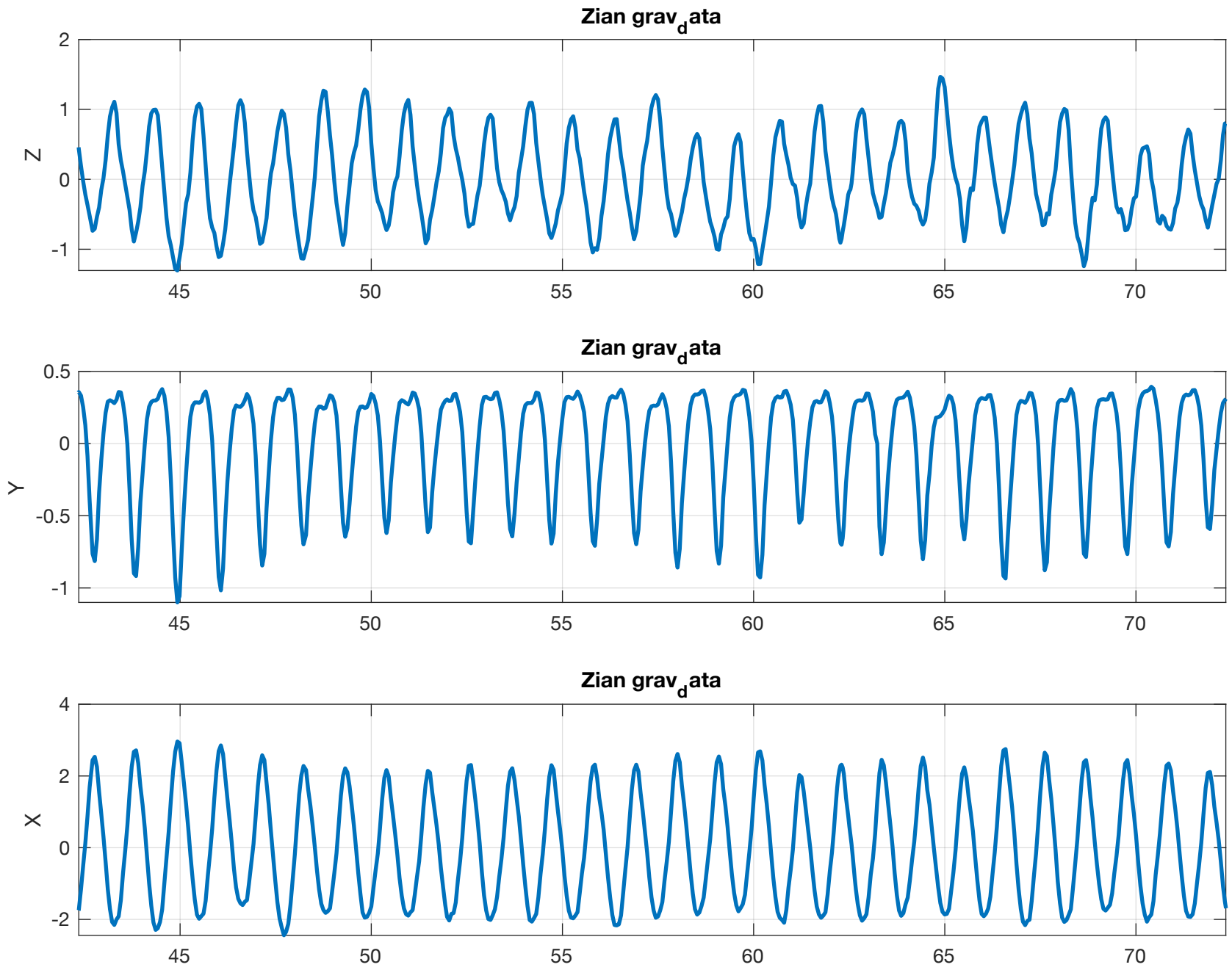

Zian Zero Cross bar_data
Pressure
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
45
50
55
60
65
70

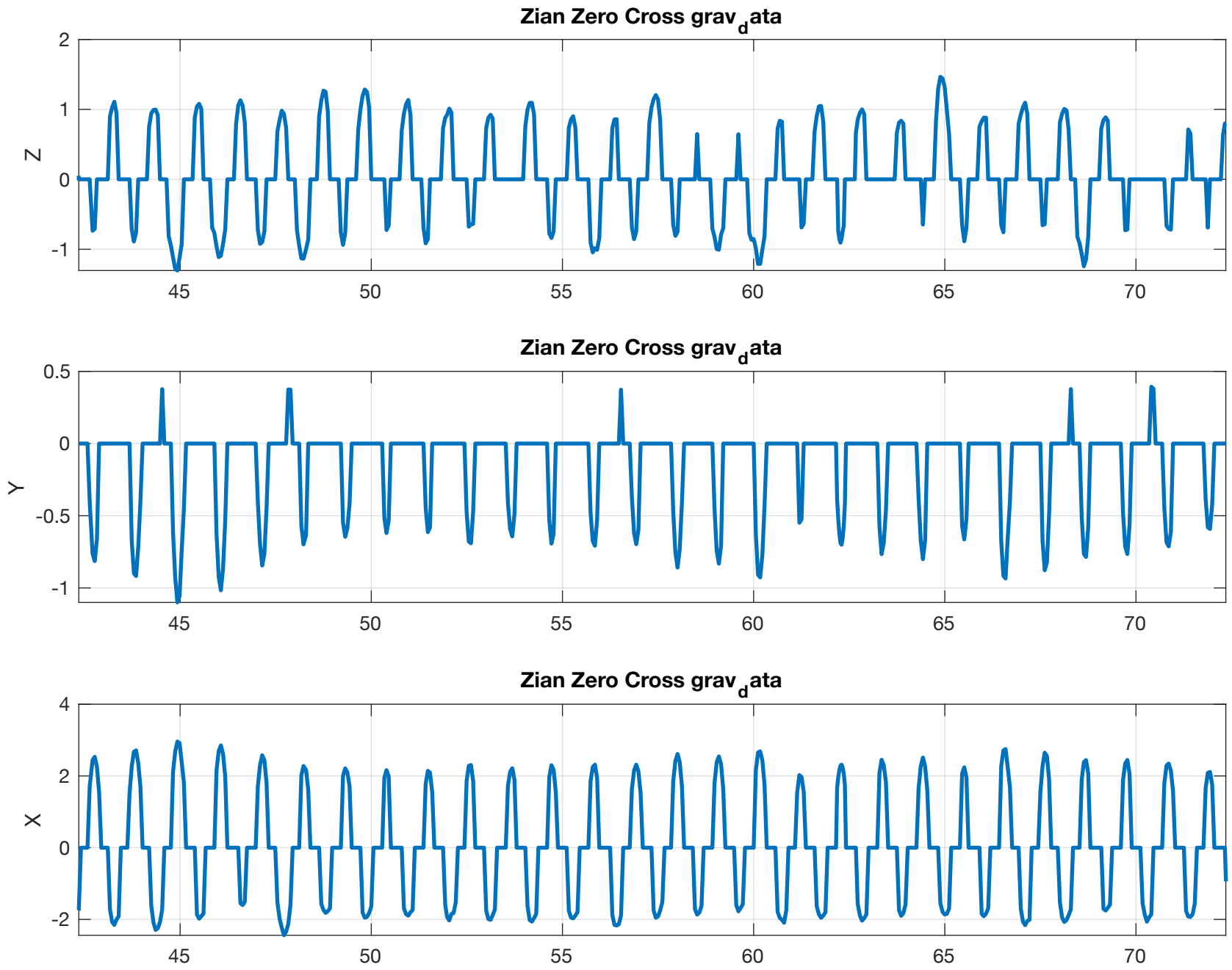
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	140	149	247	150	"bar_data"
"Pressure"	81	85	214	150	"bar_data"


Zian gyro_data
Z
2
1
0
-1
-2
35
40
45
50
55
60
Zian gyro_data
Y
2
1
0
-1
-2
35
40
45
50
55
60
Zian gyro_data
X
1
0.5
0
-0.5
-1
35
40
45
50
55
60

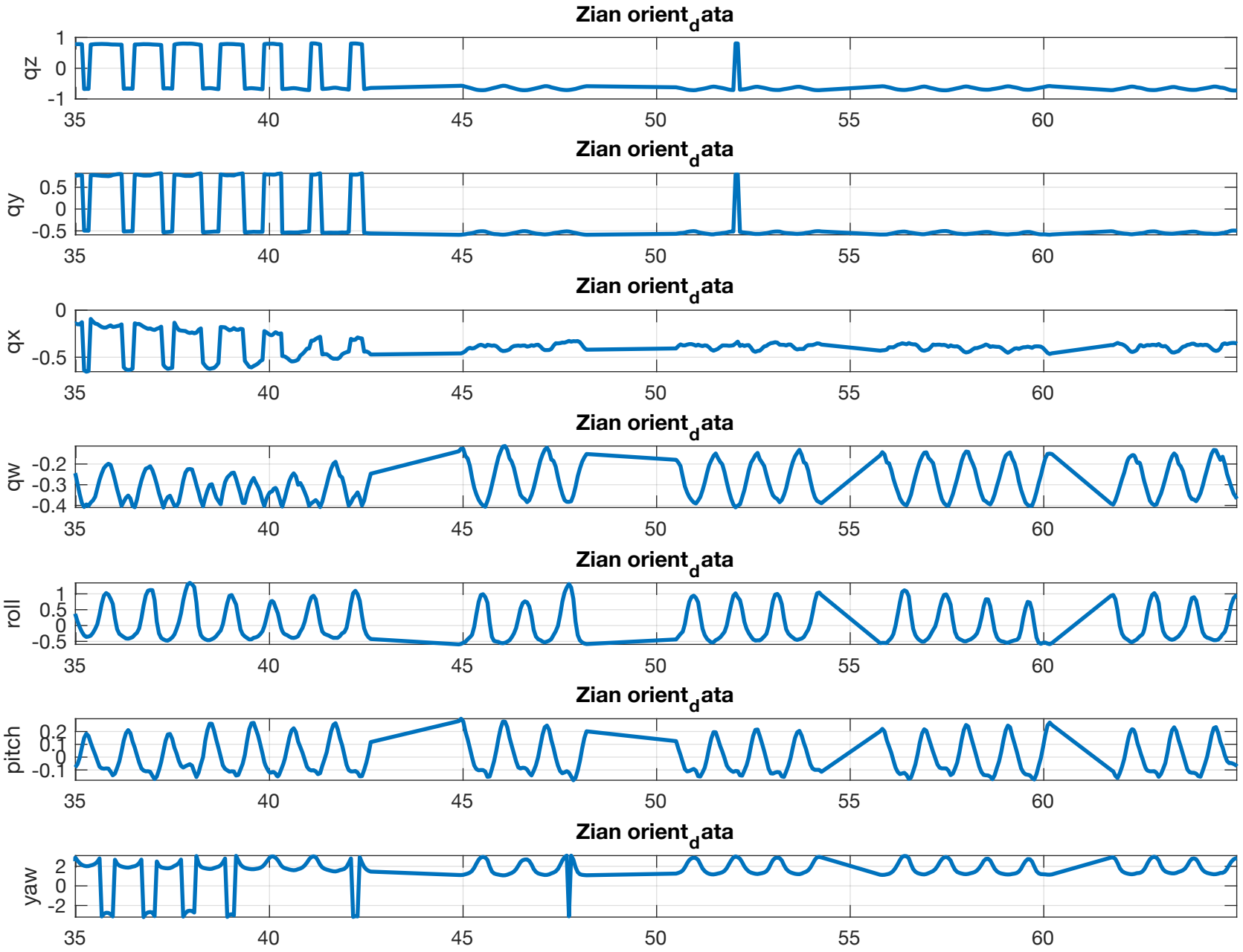

Zian Zero Cross gyro_data
Z
2
1
0
-1
-2
35
40
45
50
55
60
Zian Zero Cross gyro_data
Y
2
1
0
-1
-2
35
40
45
50
55
60
Zian Zero Cross gyro_data
X
1
0.5
0
-0.5
-1
35
40
45
50
55
60

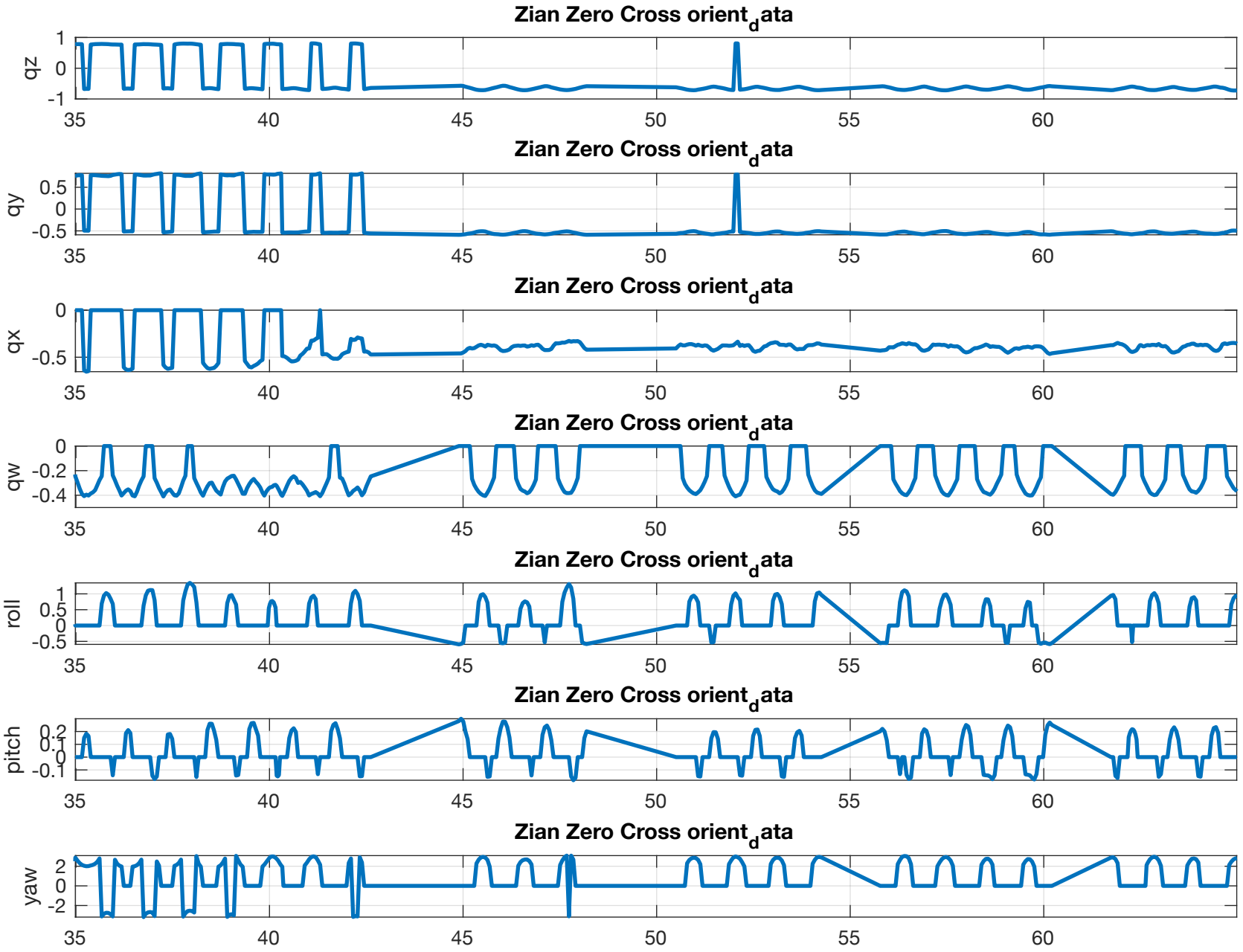
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-60	55	187	116.5000	"gyro_data"
'Y'	-293	-152	129	99	"gyro_data"
'X'	-145	-8	179	135.5000	"gyro_data"


Zian grav_data
Z
2
1
0
-1
45
50
55
60
65
70
Zian grav_data
Y
0.5
0
-0.5
-1
45
50
55
60
65
70
Zian grav_data
X
4
2
0
-2
45
50
55
60
65
70


Zian Zero Cross grav_data
Z
2
1
0
-1
45
50
55
60
65
70
Zian Zero Cross grav_data
Y
0.5
0
-0.5
-1
45
50
55
60
65
70
Zian Zero Cross grav_data
X
4
2
0
-2
45
50
55
60
65
70

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	111	138	241	181.7500	"grav_data"
'Y'	33	39	189	208.5000	"grav_data"
'X'	146	149	253	154.5000	"grav_data"


Zian orientdata
qz
1
0
-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
-0.5
35
40
45
50
55
60
Zian orientdata
qw
-0.2
-0.3
-0.4
35
40
45
50
55
60
Zian orientdata
roll
1
0.5
0
-0.5
35
40
45
50
55
60
Zian orientdata
pitch
0.2
0.1
0
-0.1
35
40
45
50
55
60
Zian orientdata
yaw
2
0
-2
35
40
45
50
55
60


Zian Zero Cross orientdata
qz
1
0
-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
35
40
45
50
55
60
Zian Zero Cross orientdata
qw
0
-0.2
-0.4
35
40
45
50
55
60
Zian Zero Cross orientdata
roll
1
0.5
0
-0.5
35
40
45
50
55
60
Zian Zero Cross orientdata
pitch
0.2
0.1
0
-0.1
35
40
45
50
55
60
Zian Zero Cross orientdata
yaw
2
0
-2
35
40
45
50
55
60

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	129	188	265	273.7500	"orient_data"
'qy'	13	108	240	282.2500	"orient_data"
'qx'	-1	169	253	283	"orient_data"
'qw'	137	200	270	266	"orient_data"
'roll'	156	183	259	222.2500	"orient_data"
'pitch'	98	180	214	184	"orient_data"
'yaw'	128	193	258	238.7500	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"X"	'zero_cross'	3.5
'bar_data'	"Pressure"	'findpeaks'	81
'gyro_data'	"X"	'findpeaks_above_zero'	8
'grav_data'	"Y"	'findpeaks'	33
'orient_data'	"qx"	'findpeaks'	1