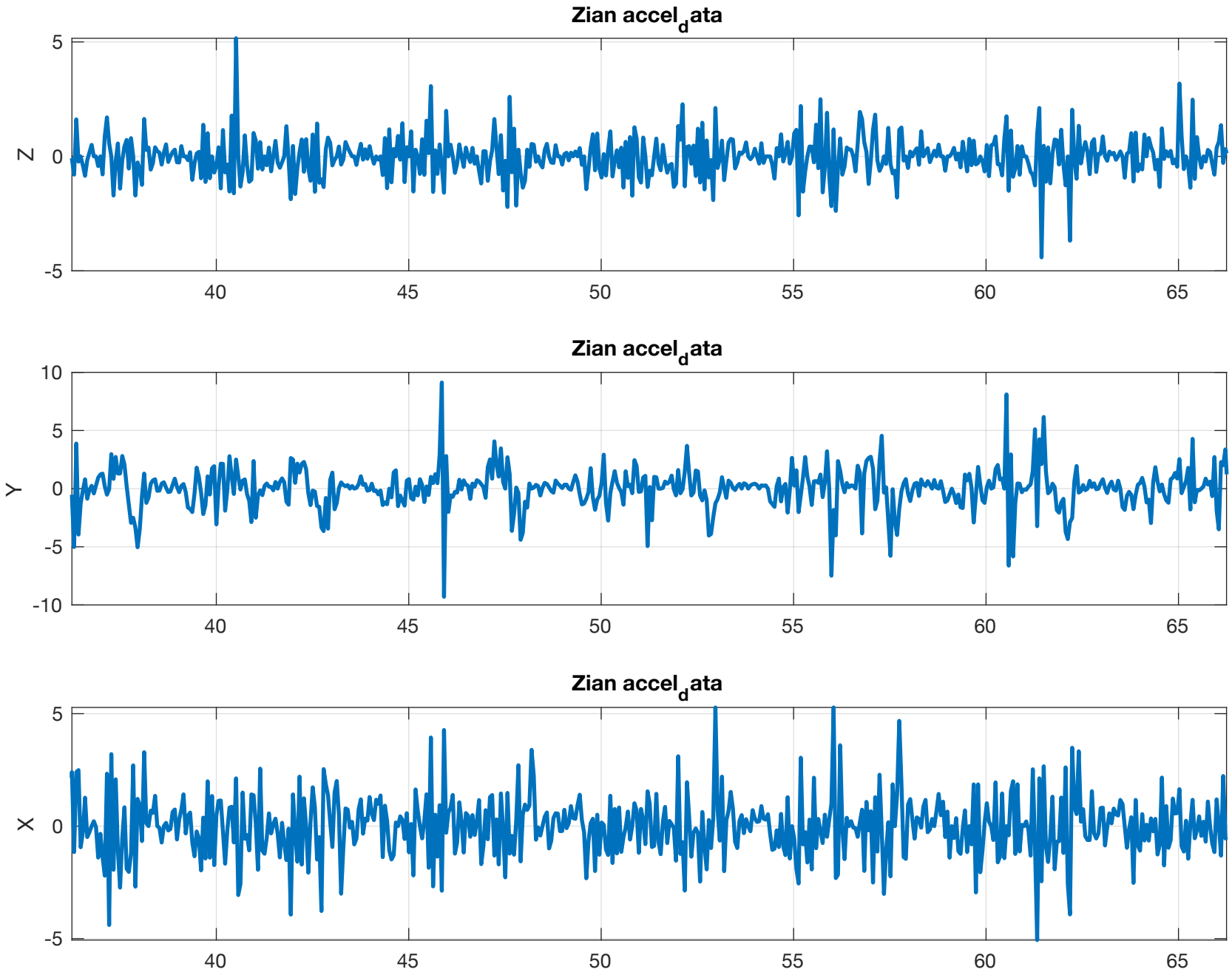
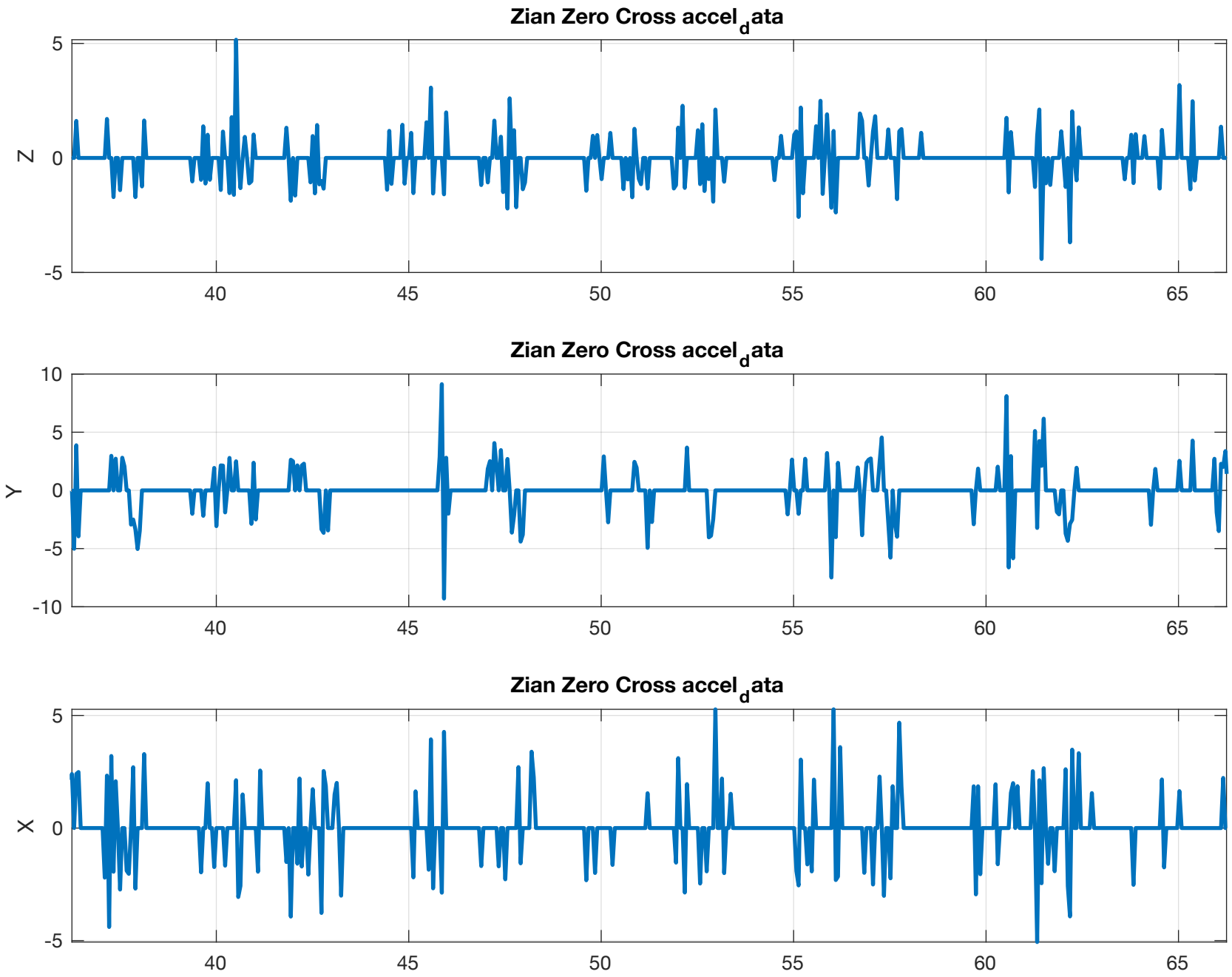
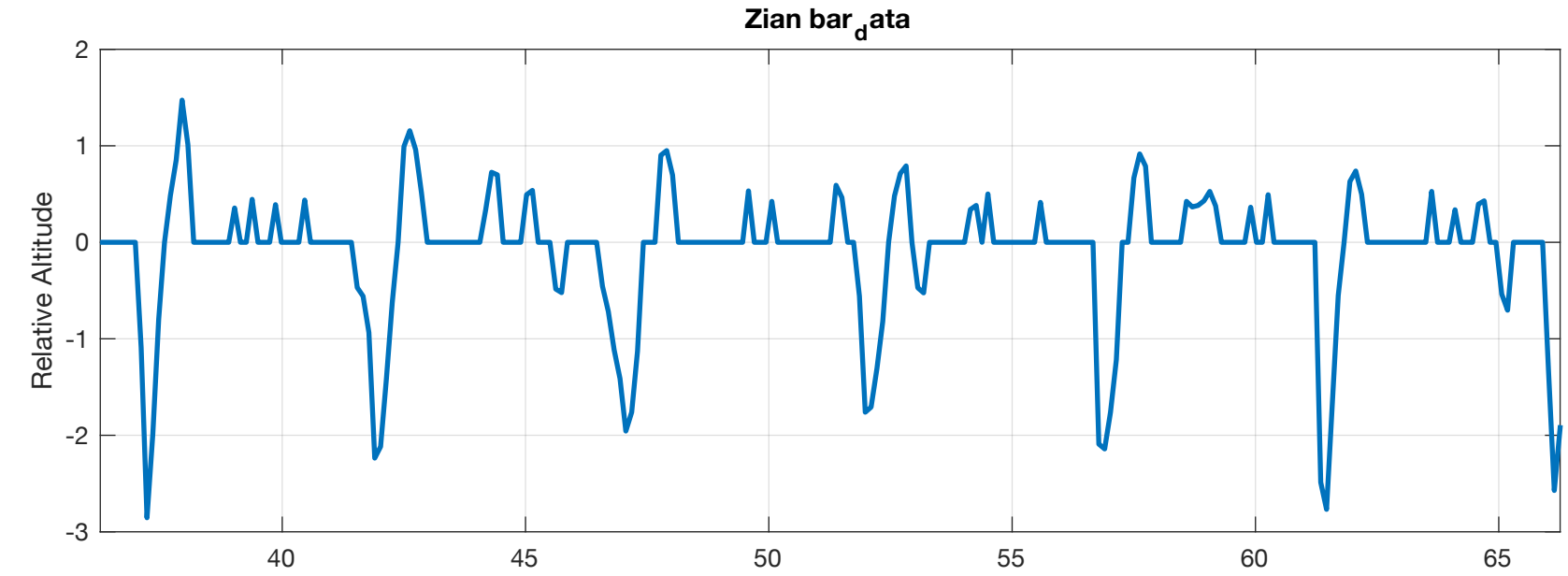
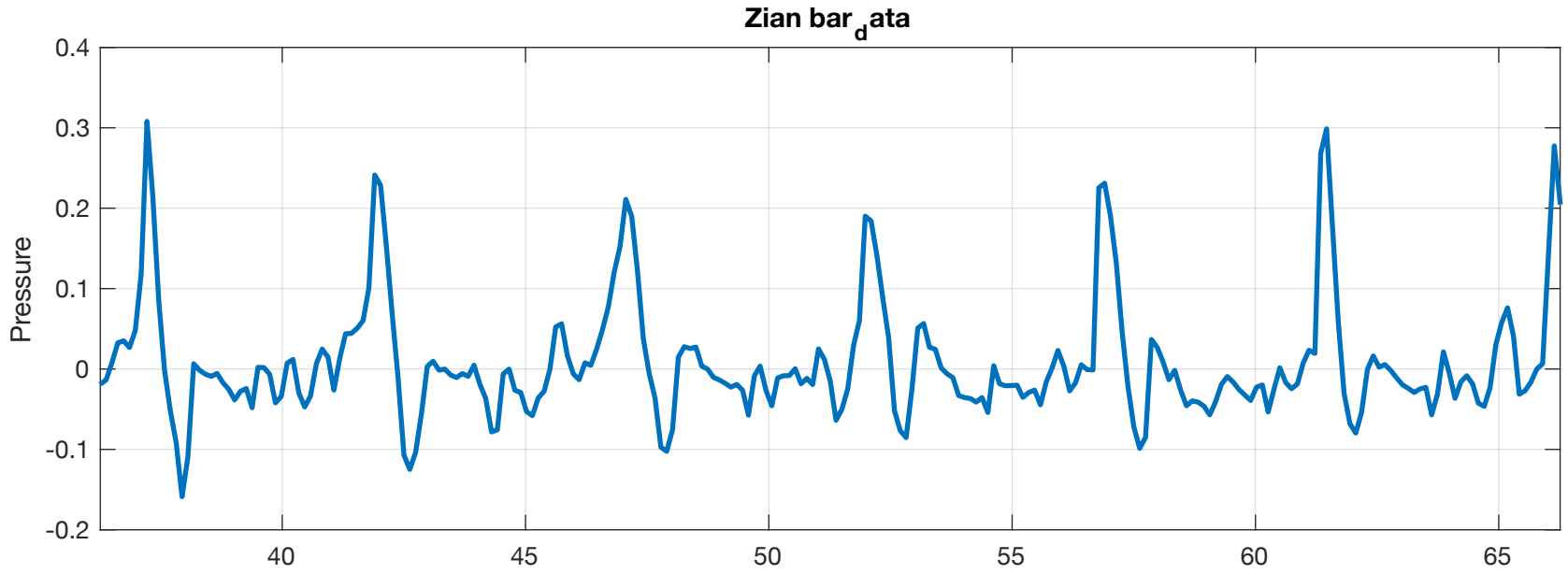
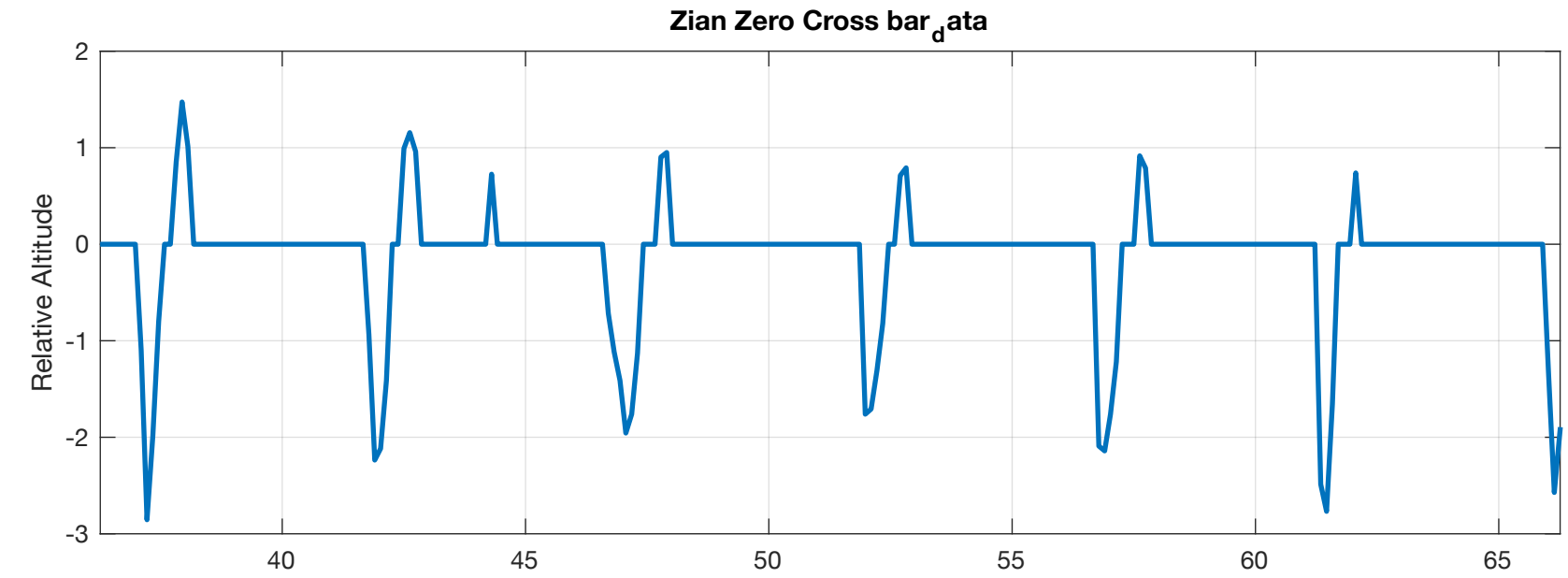

Zian accel_data
Z
5
0
-5
40
45
50
55
60
65
Zian accel_data
Y
10
5
0
-5
-10
40
45
50
55
60
65
Zian accel_data
X
5
0
-5
40
45
50
55
60
65

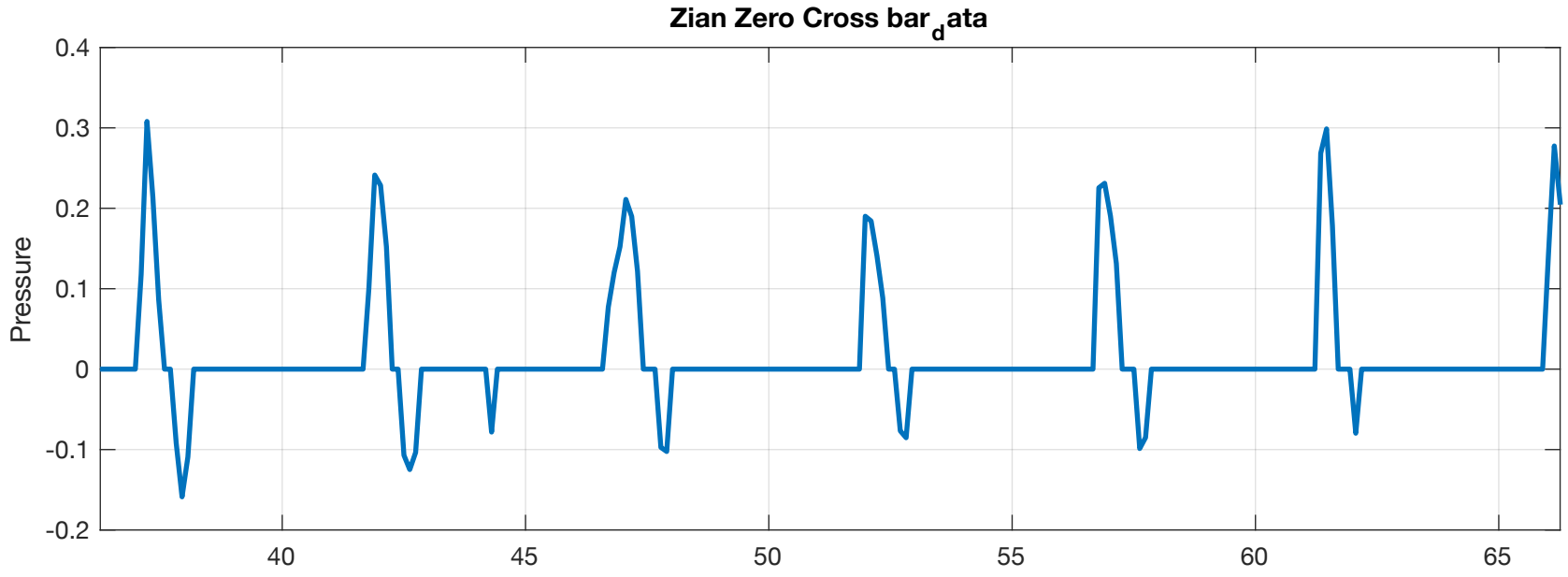

Zian Zero Cross accel_data
Z
5
0
-5
40
45
50
55
60
65
Zian Zero Cross accel_data
Y
10
5
0
-5
-10
40
45
50
55
60
65
Zian Zero Cross accel_data
X
5
0
-5
40
45
50
55
60
65

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-410	-354	-126	-124	"accel_data"
'Y'	-331	-283	-97	-75.7500	"accel_data"
'X'	-405	-367	-121	-120.7500	"accel_data"

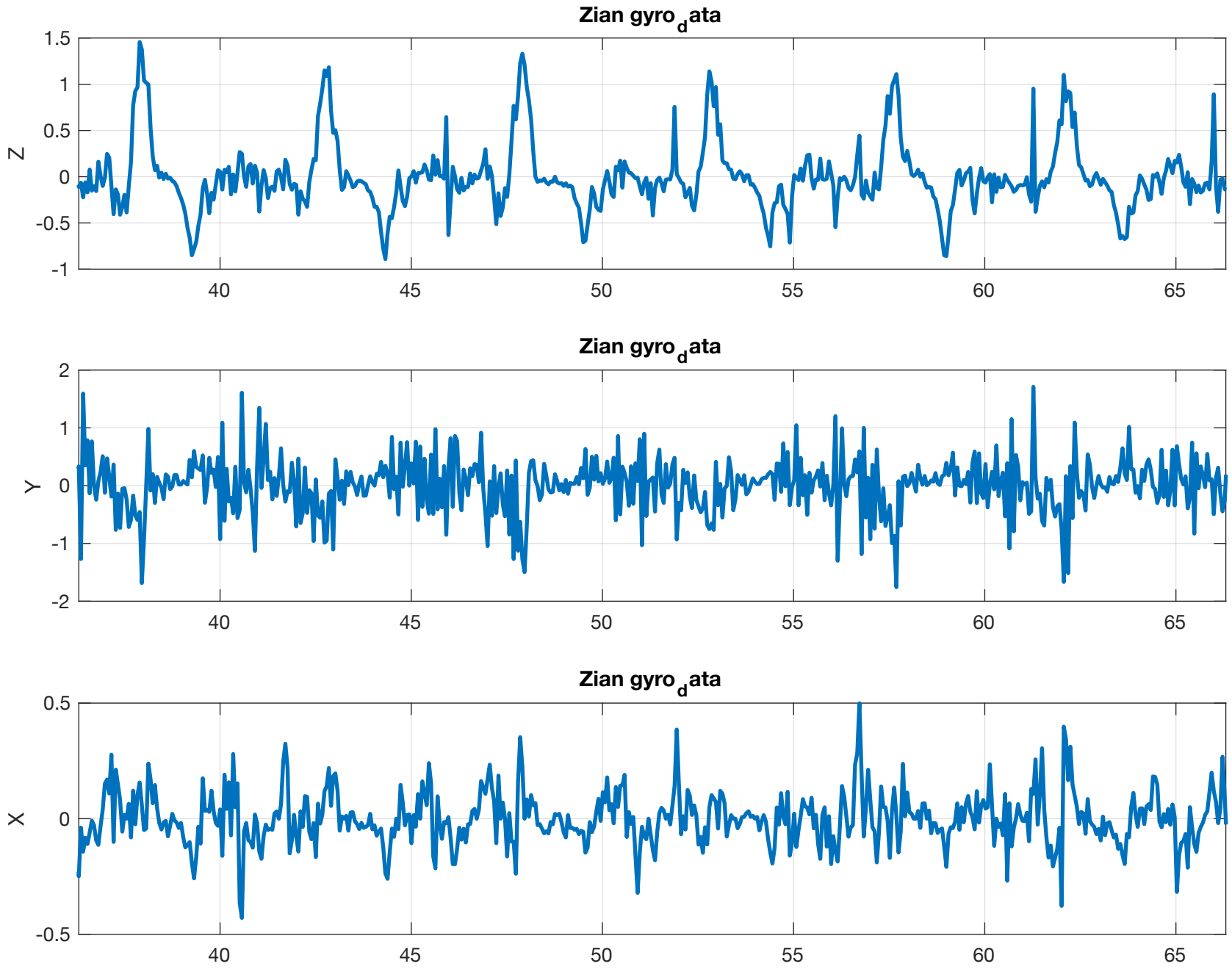

Zian bar_data
Relative Altitude
2
1
0
-1
-2
-3
40
45
50
55
60
65

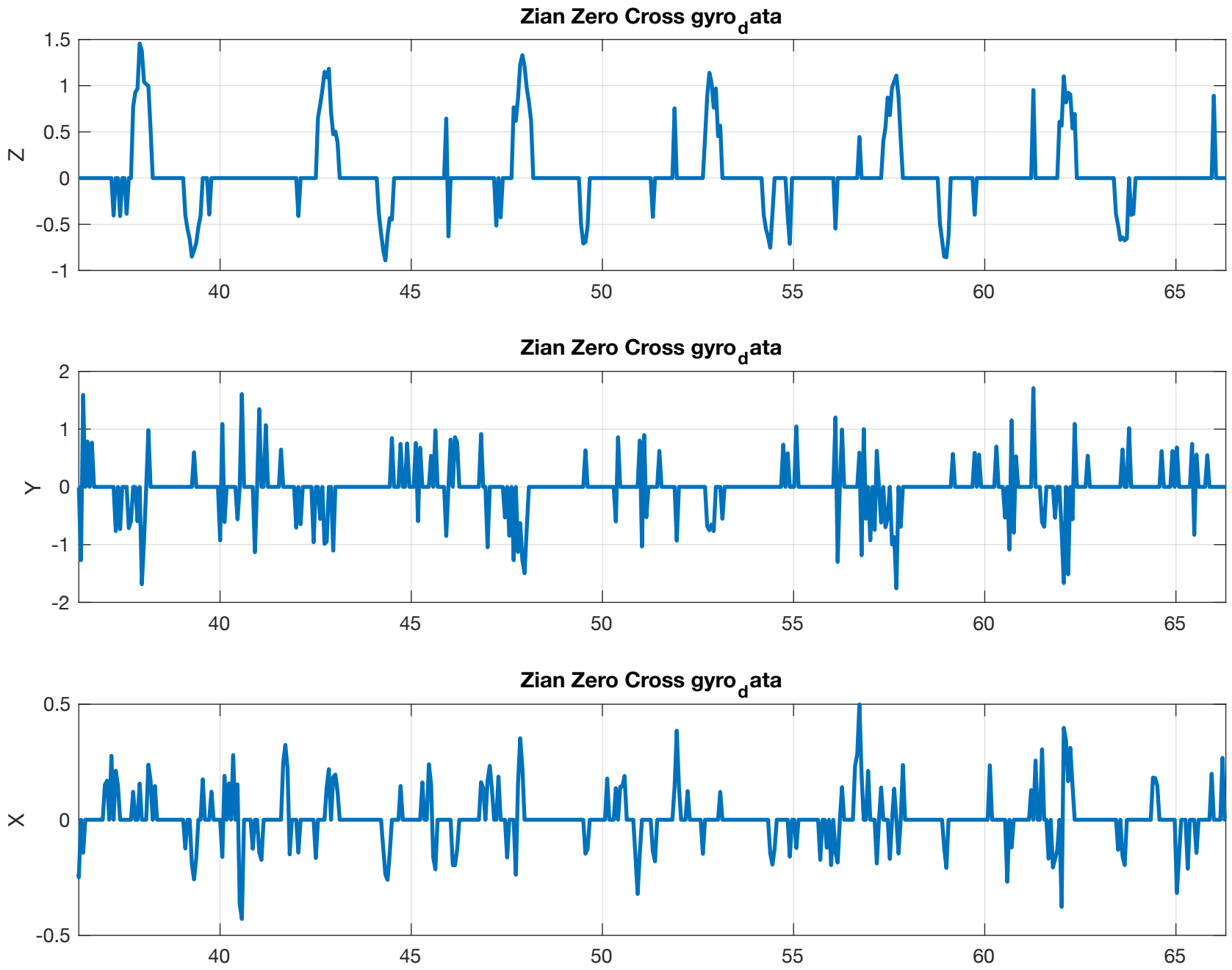

Zian bar_data
Pressure
0.4
0.3
0.2
0.1
0
-0.1
-0.2
40
45
50
55
60
65


Zian Zero Cross bar_data
Relative Altitude
2
1
0
-1
-2
-3
40
45
50
55
60
65

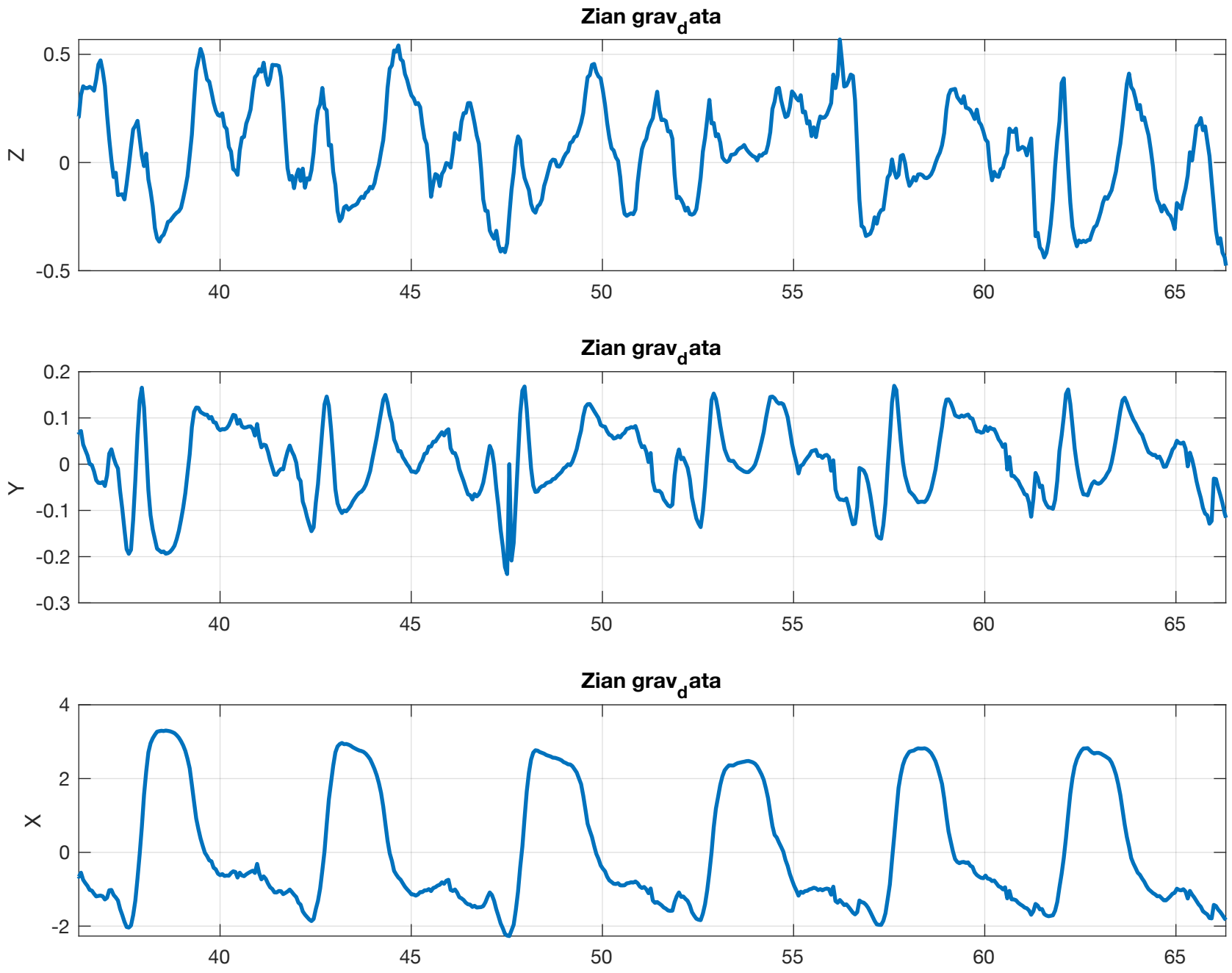

Zian Zero Cross bar_data
Pressure
0.4
0.3
0.2
0.1
0
-0.1
-0.2
40
45
50
55
60
65

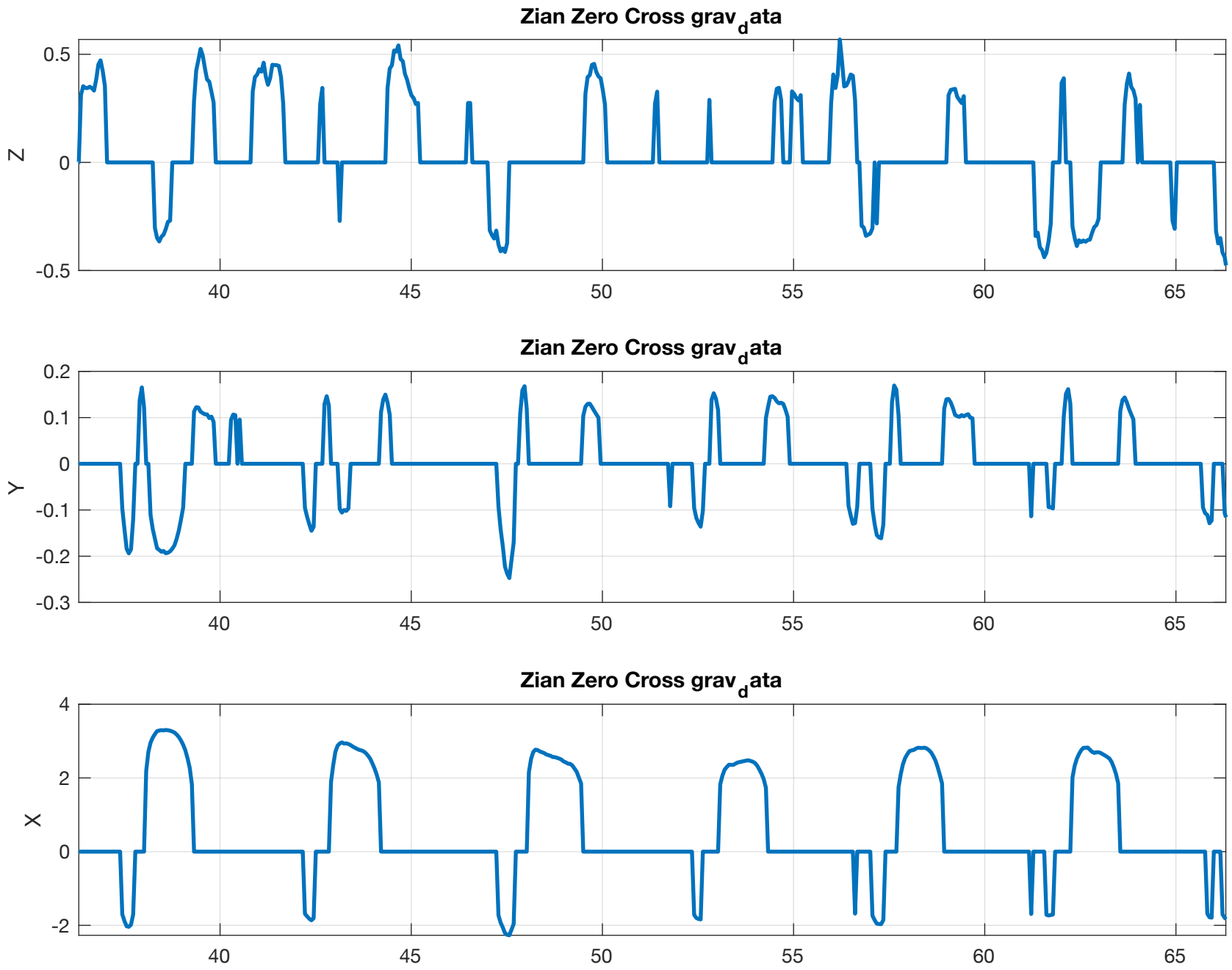
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-56	-53	-9	-2	"bar_data"
"Pressure"	-89	-46	-11	-2	"bar_data"


Zian gyro_data
Z
1.5
1
0.5
0
-0.5
-1
40
45
50
55
60
65
Zian gyro_data
Y
2
1
0
-1
-2
40
45
50
55
60
65
Zian gyro_data
X
0.5
0
-0.5
40
45
50
55
60
65

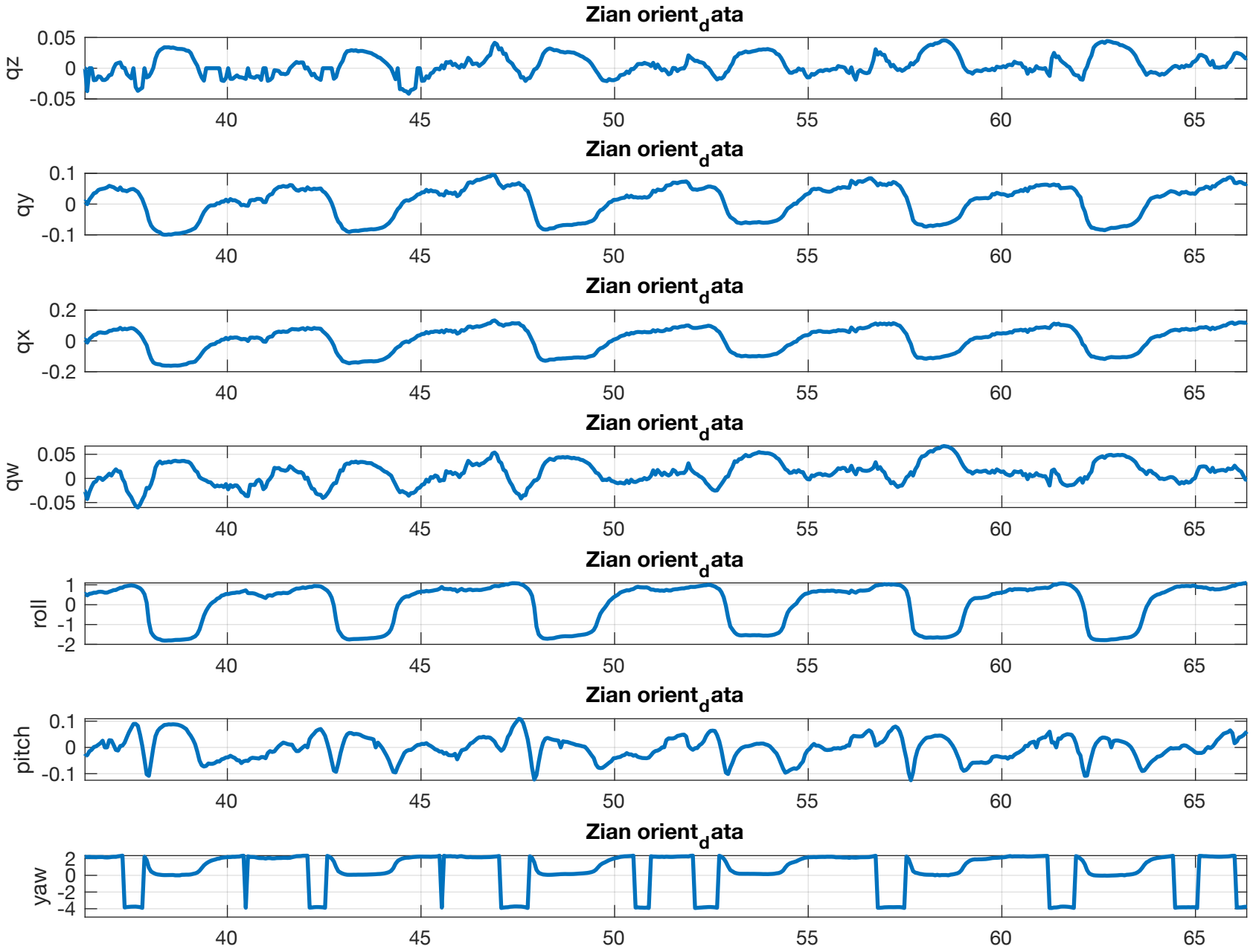

Zian Zero Cross gyro_data
Z
1.5
1
0.5
0
-0.5
-1
40
45
50
55
60
65
Zian Zero Cross gyro_data
Y
2
1
0
-1
-2
40
45
50
55
60
65
Zian Zero Cross gyro_data
X
0.5
0
-0.5
40
45
50
55
60
65

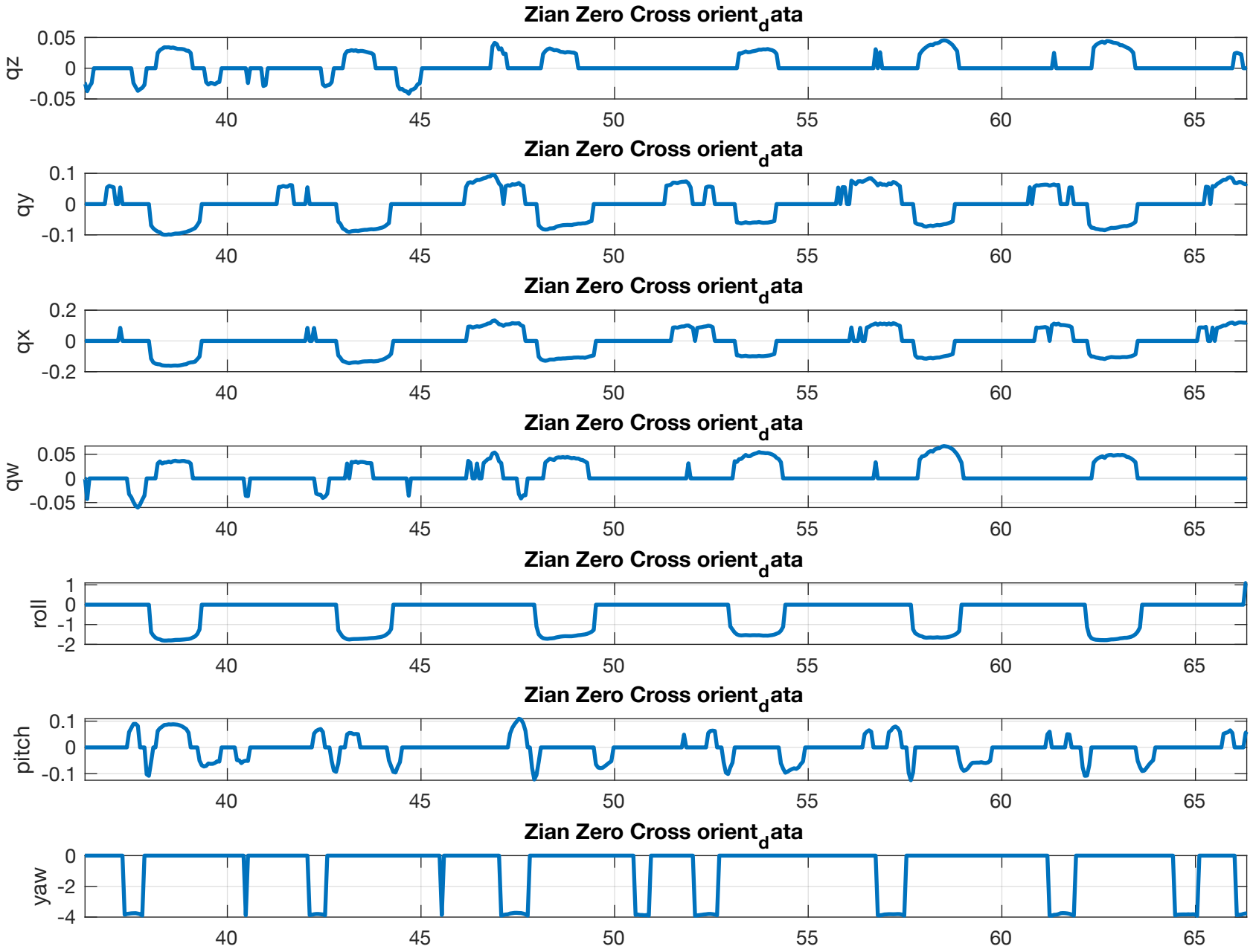
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-288	-186	-59	-23.2500	"gyro_data"
'Y'	-431	-386	-114	-106	"gyro_data"
'X'	-355	-251	-83	-76.2500	"gyro_data"


Zian grav_data
Z
0.5
0
-0.5
40
45
50
55
60
65
Zian grav_data
Y
0.2
0.1
0
-0.1
-0.2
-0.3
40
45
50
55
60
65
Zian grav_data
X
4
2
0
-2
40
45
50
55
60
65


Zian Zero Cross grav_data
Z
0.5
0
-0.5
40
45
50
55
60
65
Zian Zero Cross grav_data
Y
0.2
0.1
0
-0.1
-0.2
-0.3
40
45
50
55
60
65
Zian Zero Cross grav_data
X
4
2
0
-2
40
45
50
55
60
65

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-171	-93	-33	-14.5000	"grav_data"
'Y'	-145	-99	-33	-16.7500	"grav_data"
'X'	-122	-15	-1	-2.2500	"grav_data"


Zian orientdata
qz
0.05
0
-0.05
40
45
50
55
60
65
Zian orientdata
qy
0.1
0
-0.1
40
45
50
55
60
65
Zian orientdata
qx
0.2
0
-0.2
40
45
50
55
60
65
Zian orientdata
qw
0.05
0
-0.05
40
45
50
55
60
65
Zian orientdata
roll
1
0
-1
-2
40
45
50
55
60
65
Zian orientdata
pitch
0.1
0
-0.1
40
45
50
55
60
65
Zian orientdata
yaw
2
0
-2
-4
40
45
50
55
60
65


Zian Zero Cross orientdata
qz
0.05
0
-0.05
40
45
50
55
60
65
Zian Zero Cross orientdata
qy
0.1
0
-0.1
40
45
50
55
60
65
Zian Zero Cross orientdata
qx
0.2
0
-0.2
40
45
50
55
60
65
Zian Zero Cross orientdata
qw
0.05
0
-0.05
40
45
50
55
60
65
Zian Zero Cross orientdata
roll
1
0
-1
-2
40
45
50
55
60
65
Zian Zero Cross orientdata
pitch
0.1
0
-0.1
40
45
50
55
60
65
Zian Zero Cross orientdata
yaw
0
-2
-4
40
45
50
55
60
65

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-243	-115	-30	-8	"orient_data"
'qy'	-204	-168	-32	-4.7500	"orient_data"
'qx'	-212	-167	-26	-6.2500	"orient_data"
'qw'	-254	-144	-38	-6.5000	"orient_data"
'roll'	-132	-111	-20	4	"orient_data"
'pitch'	-147	-90	-18	-15.2500	"orient_data"
'yaw'	-159	-119	-39	1.7500	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Y"	'zero_cross'	75.75
'bar_data'	"Relative Altitude"	'zero_cross'	2
'gyro_data'	"Z"	'zero_cross'	23.25
'grav_data'	"X"	'double_findpeaks'	1
'orient_data'	"yaw"	'zero_cross'	1.75