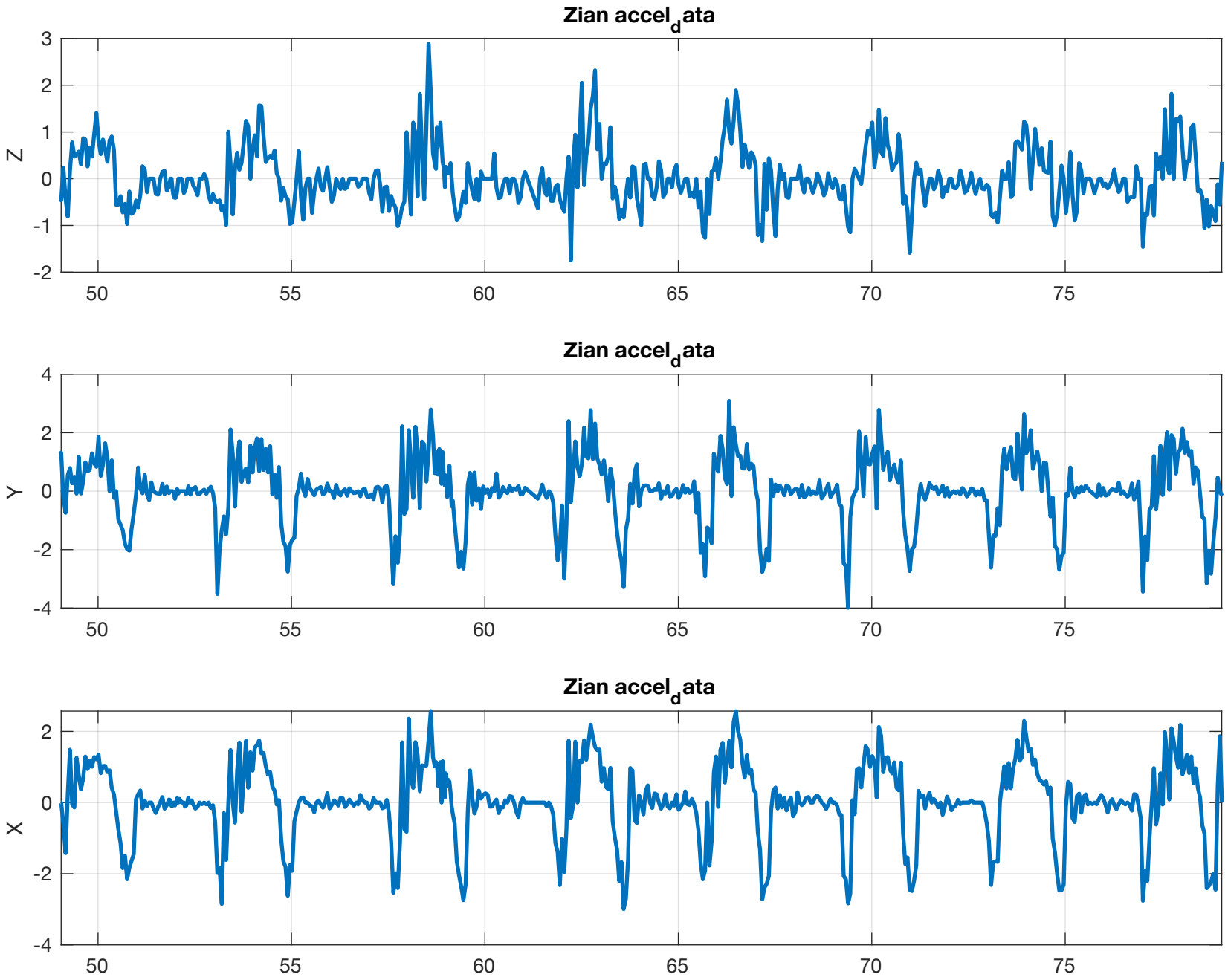
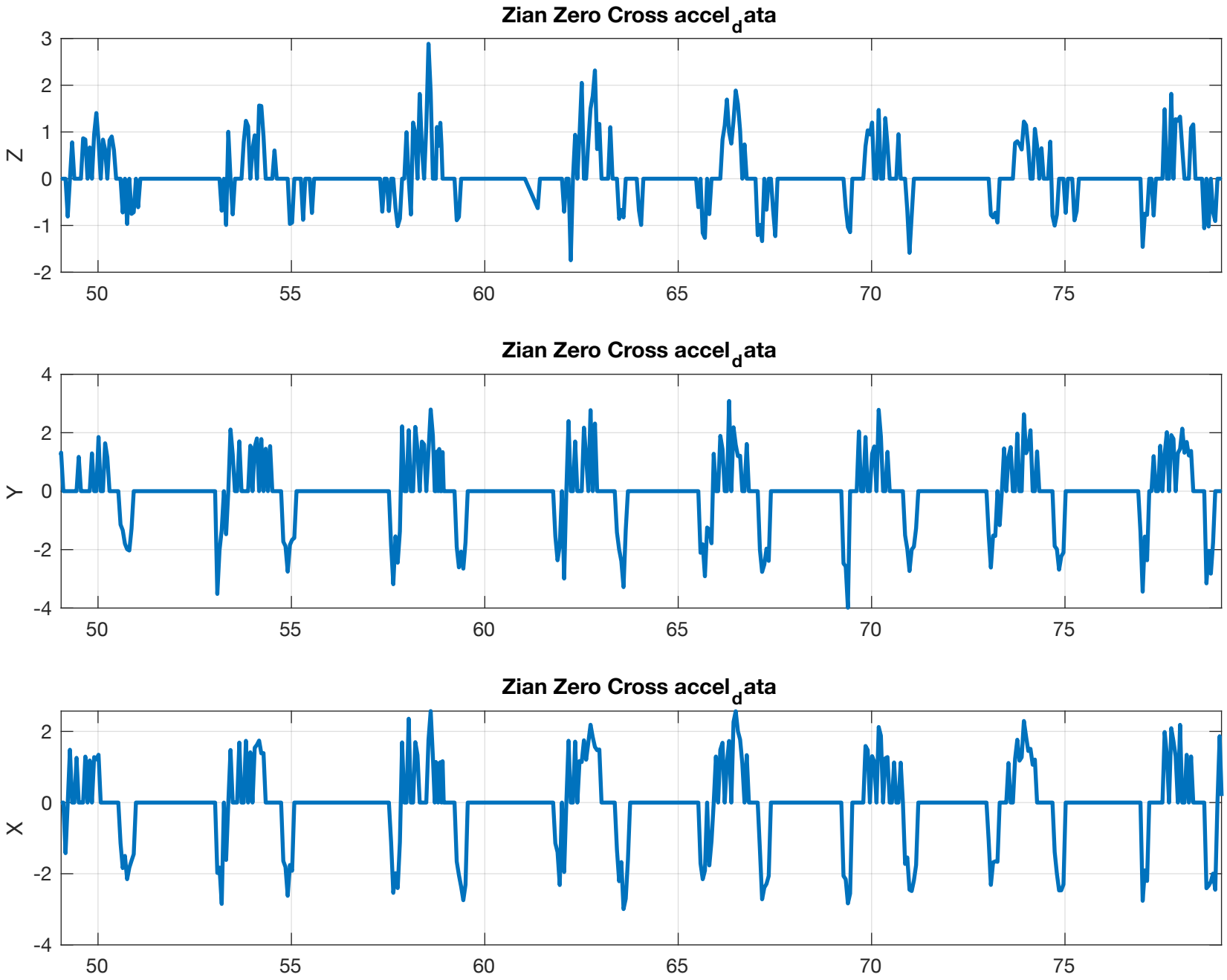
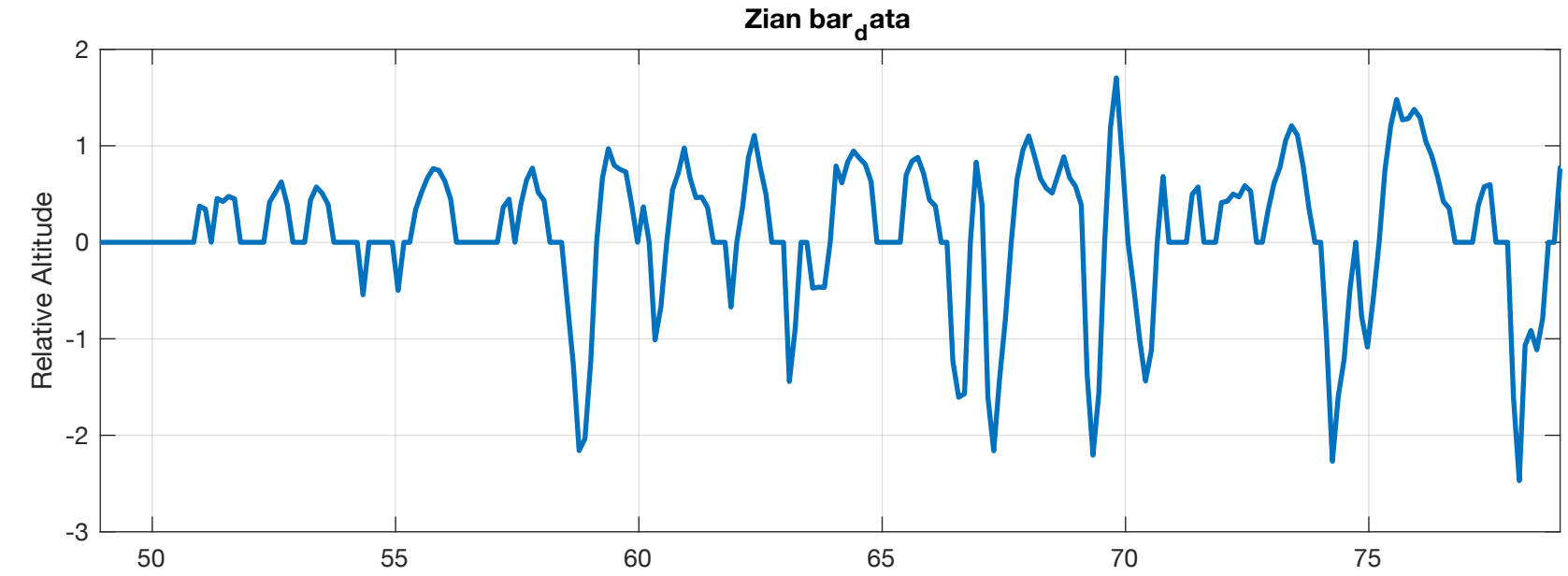
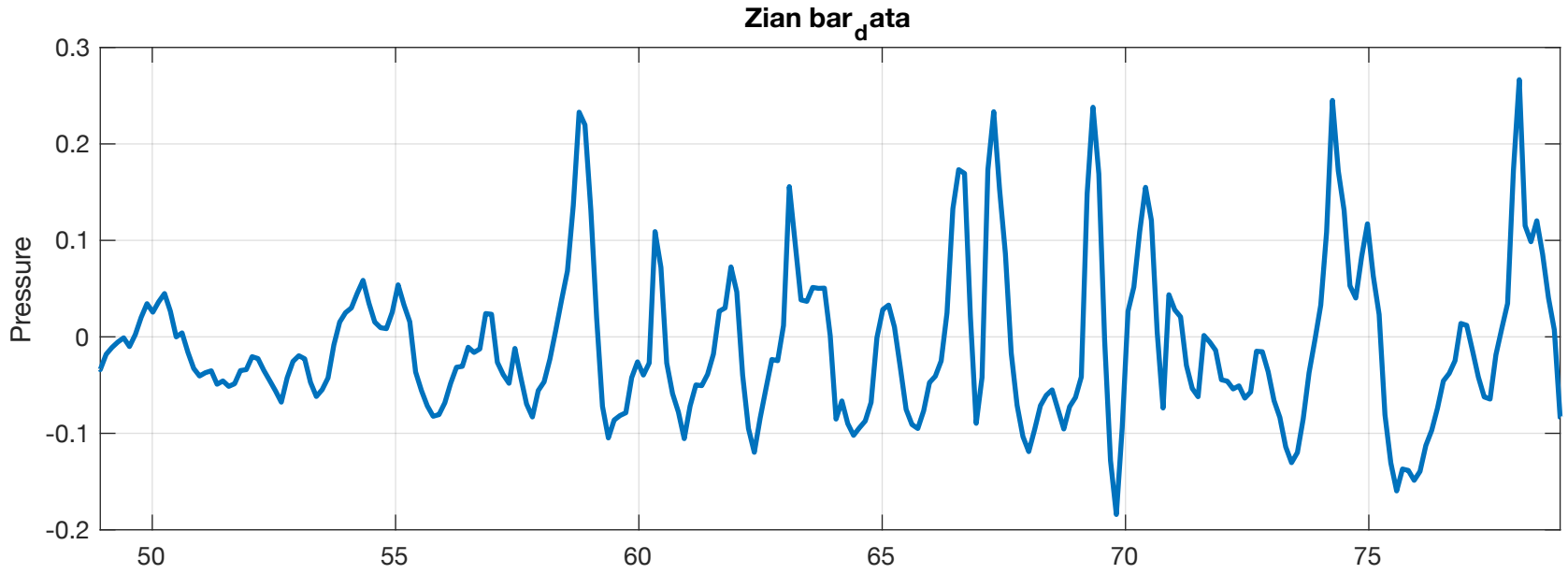
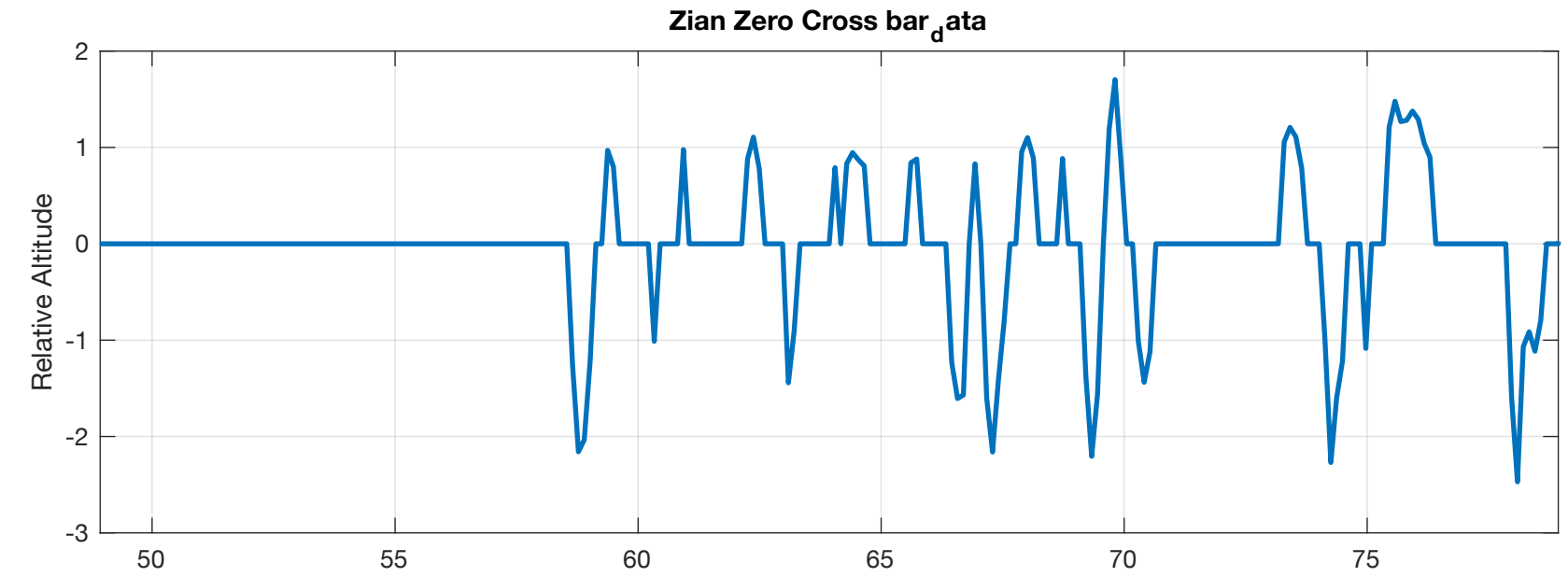

Zian accel_data
Z
3
2
1
0
-1
-2
50
55
60
65
70
75
Zian accel_data
Y
4
2
0
-2
-4
50
55
60
65
70
75
Zian accel_data
X
2
0
-2
-4
50
55
60
65
70
75

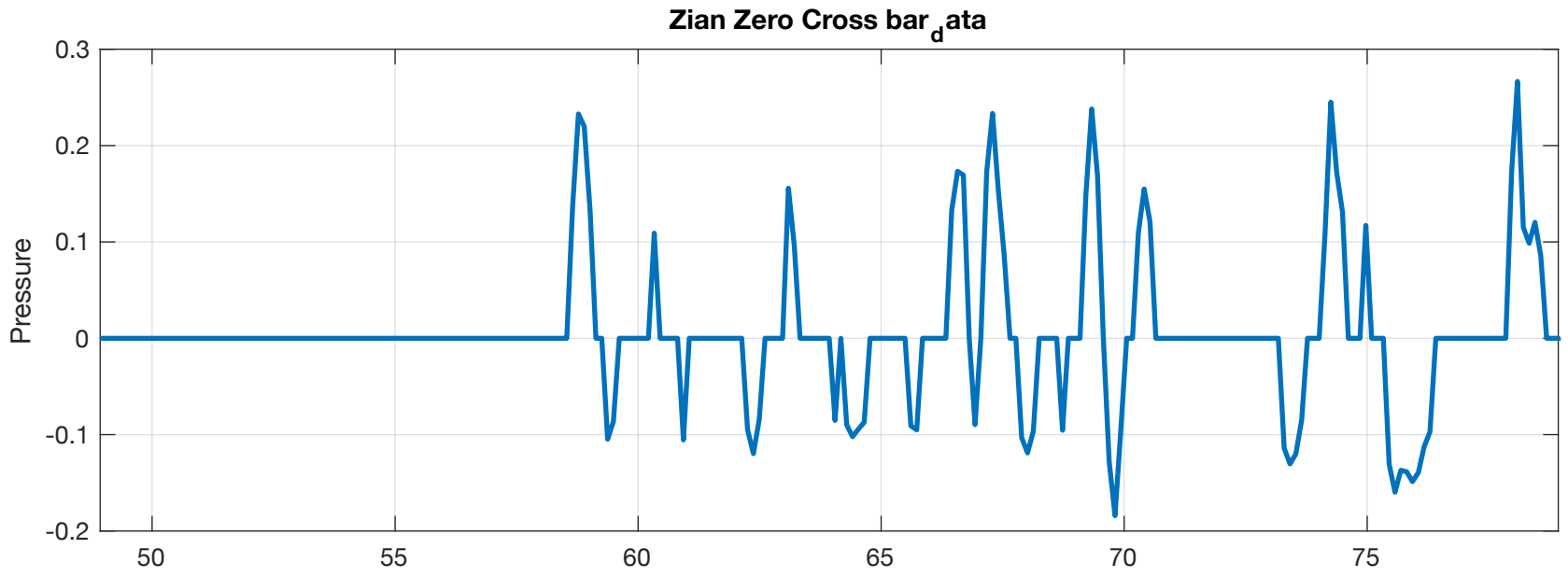

Zian Zero Cross accel_data
Z
3
2
1
0
-1
-2
50
55
60
65
70
75
Zian Zero Cross accel_data
Y
4
2
0
-2
-4
50
55
60
65
70
75
Zian Zero Cross accel_data
X
2
0
-2
-4
50
55
60
65
70
75

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-413.000	-236.000	-89.000	-93.500	"accel_data"
'Y'	-488.000	-410.000	-129.000	-83.000	"accel_data"
'X'	-431.000	-344.000	-109.000	-66.500	"accel_data"

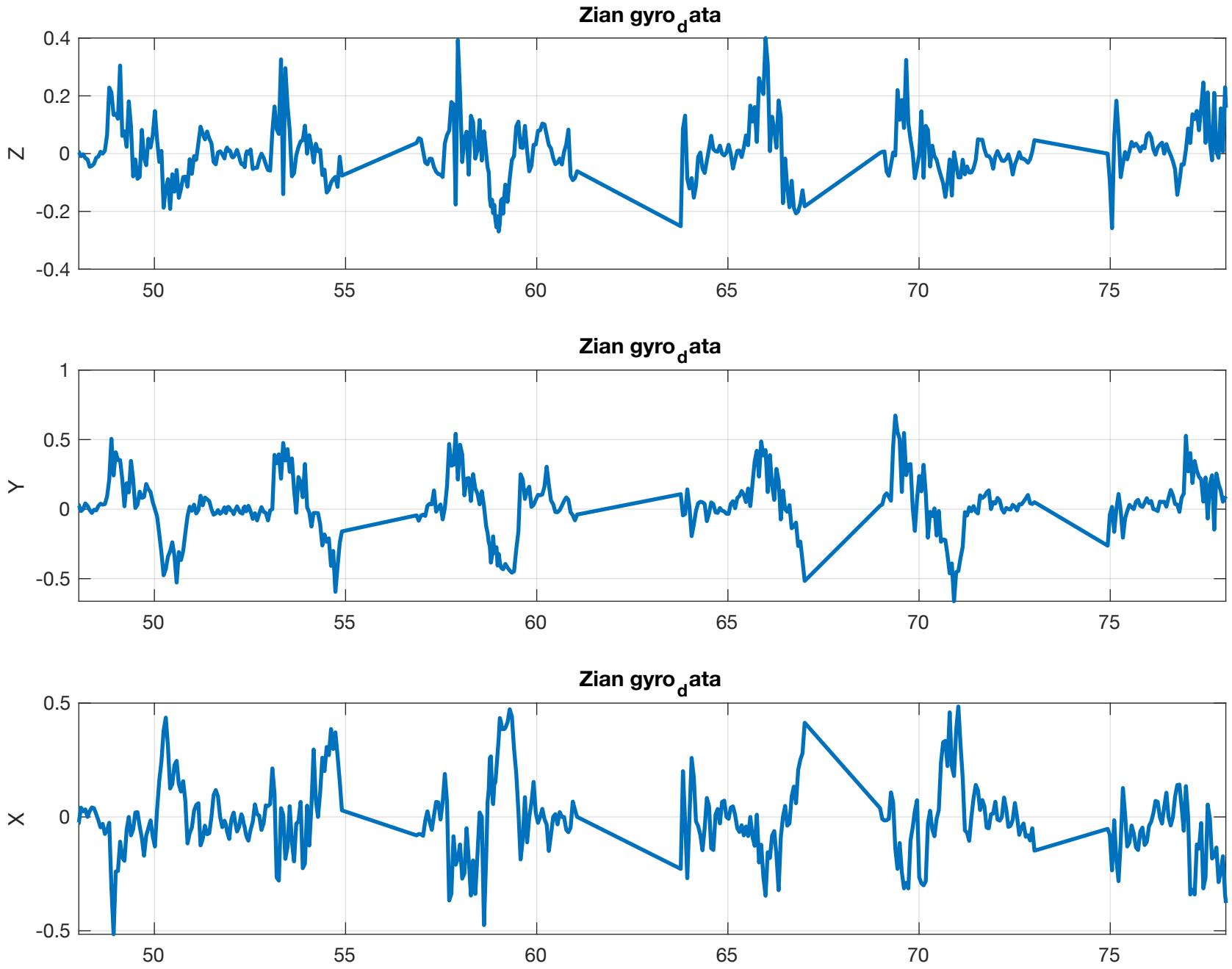

Zian bar_data
Relative Altitude
2
1
0
-1
-2
-3
50
55
60
65
70
75

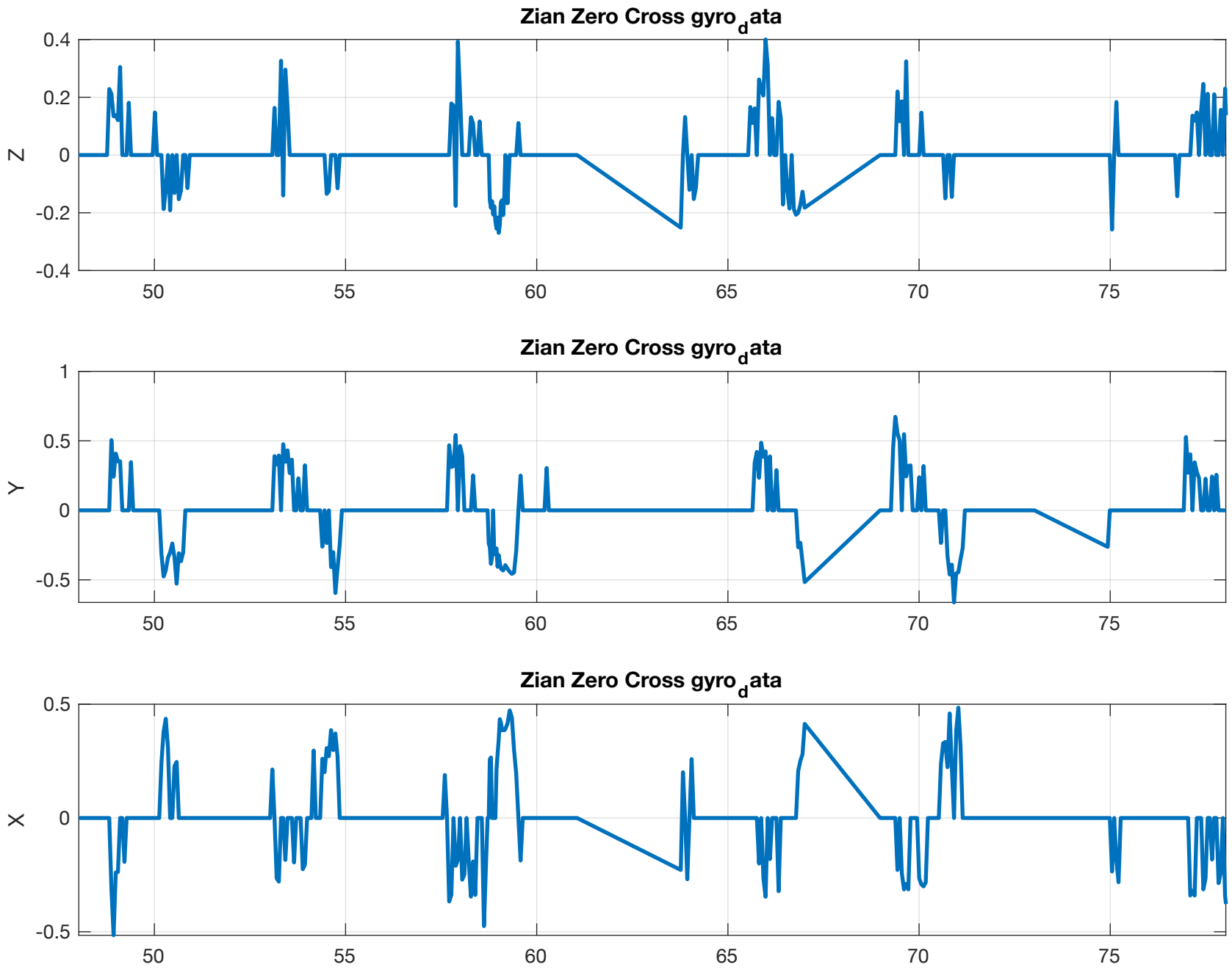

Zian bar_data
Pressure
0.3
0.2
0.1
0
-0.1
-0.2
50
55
60
65
70
75


Zian Zero Cross bar_data
Relative Altitude
2
1
0
-1
-2
-3
50
55
60
65
70
75

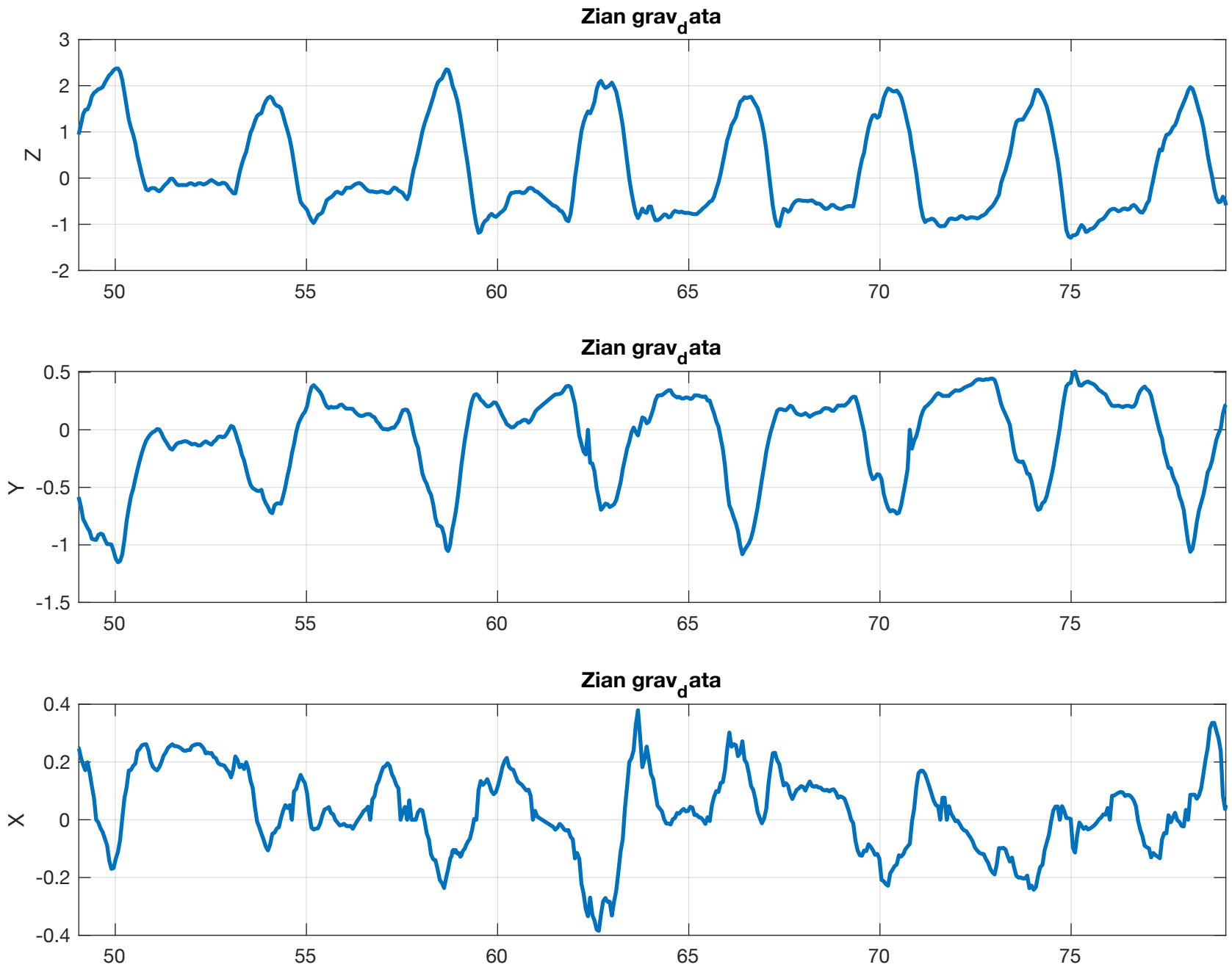

Zian Zero Cross bar_data
Pressure
0.3
0.2
0.1
0
-0.1
-0.2
50
55
60
65
70
75

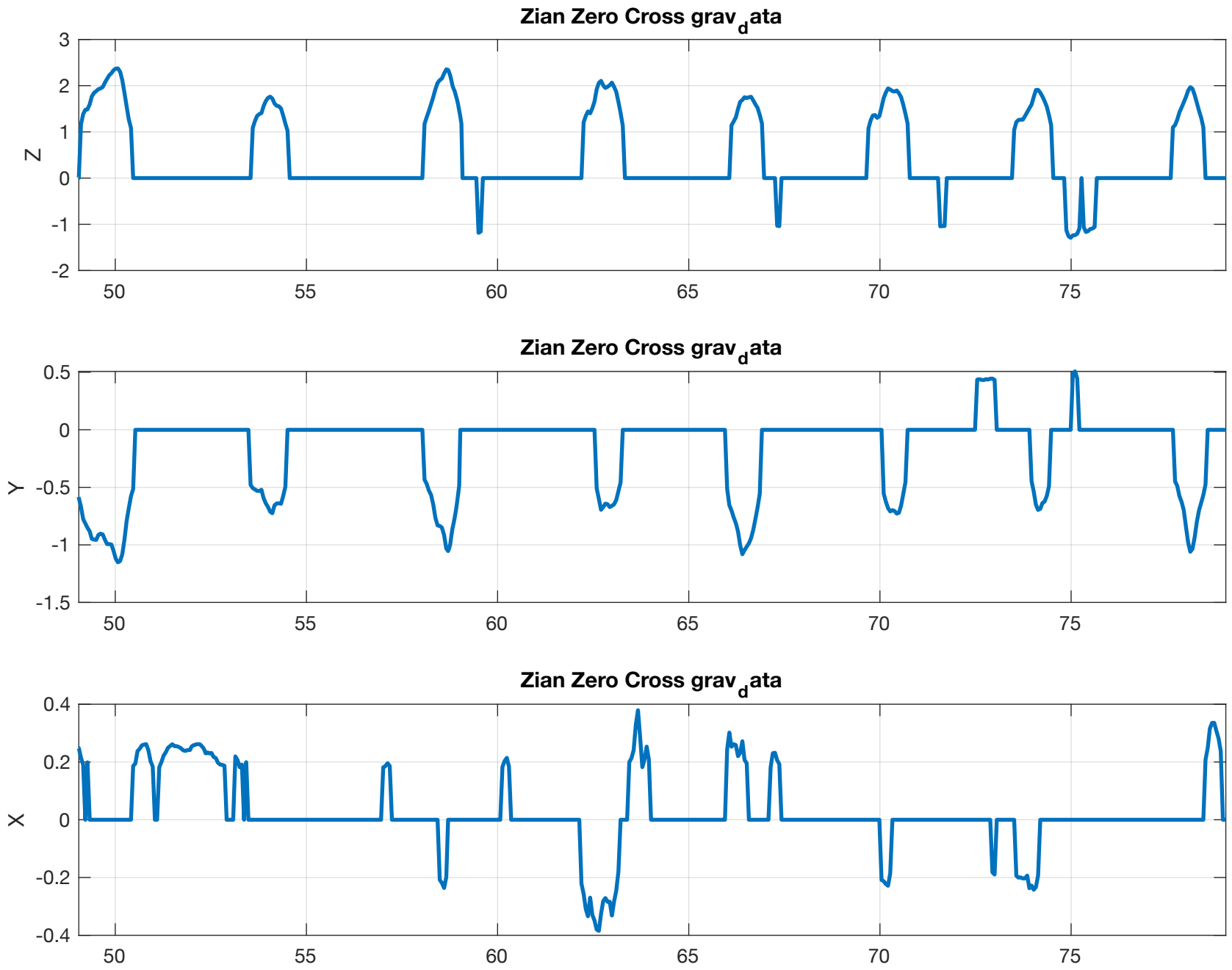
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-72.000	-57.000	-7.000	-14.500	"bar_data"
"Pressure"	-94.000	-56.000	-5.000	-14.500	"bar_data"


Zian gyro_data
Z
0.4
0.2
0
-0.2
-0.4
50
55
60
65
70
75
Zian gyro_data
Y
1
0.5
0
-0.5
50
55
60
65
70
75
Zian gyro_data
X
0.5
0
-0.5
50
55
60
65
70
75

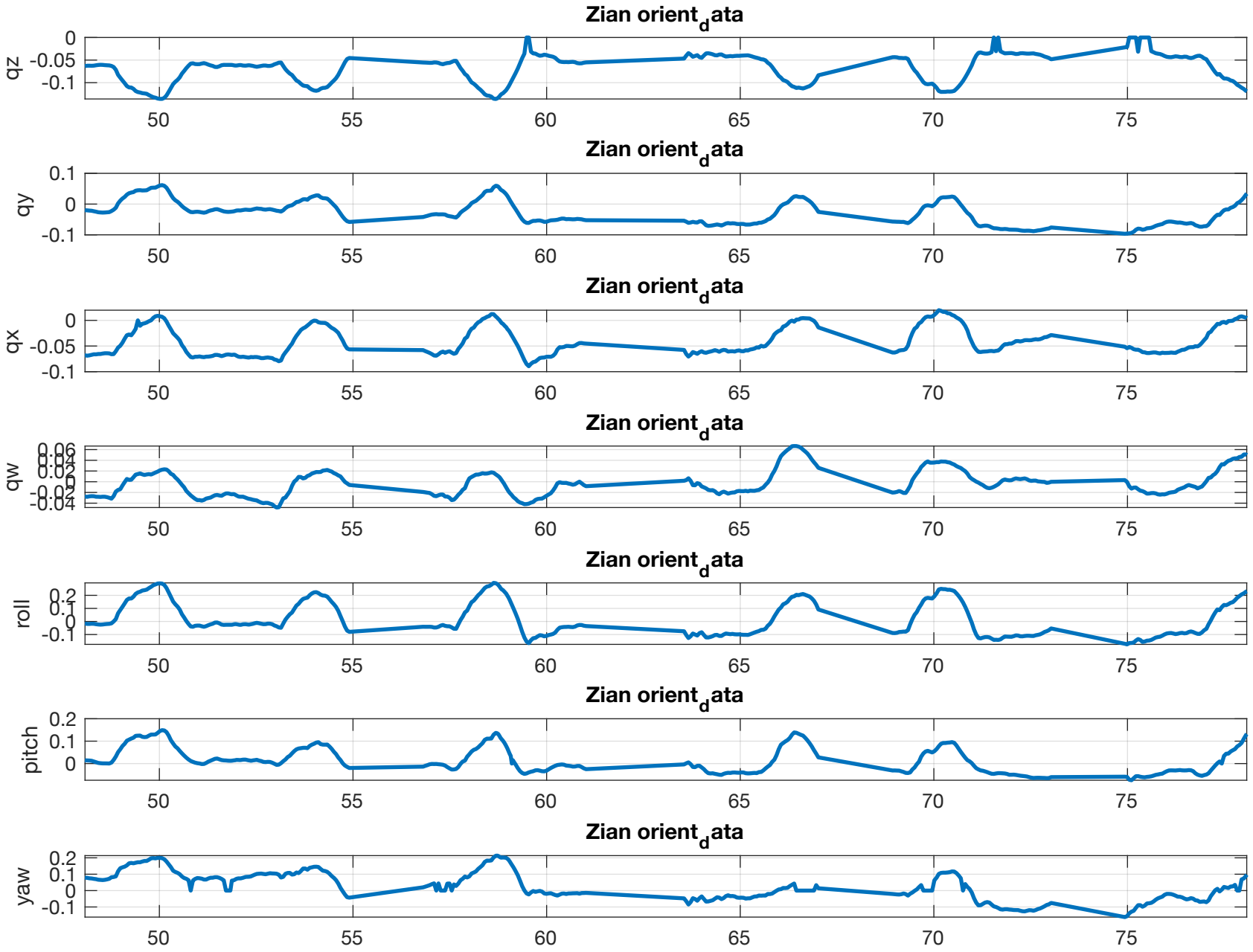

Zian Zero Cross gyro_data
Z
0.4
0.2
0
-0.2
-0.4
50
55
60
65
70
75
Zian Zero Cross gyro_data
Y
1
0.5
0
-0.5
50
55
60
65
70
75
Zian Zero Cross gyro_data
X
0.5
0
-0.5
50
55
60
65
70
75

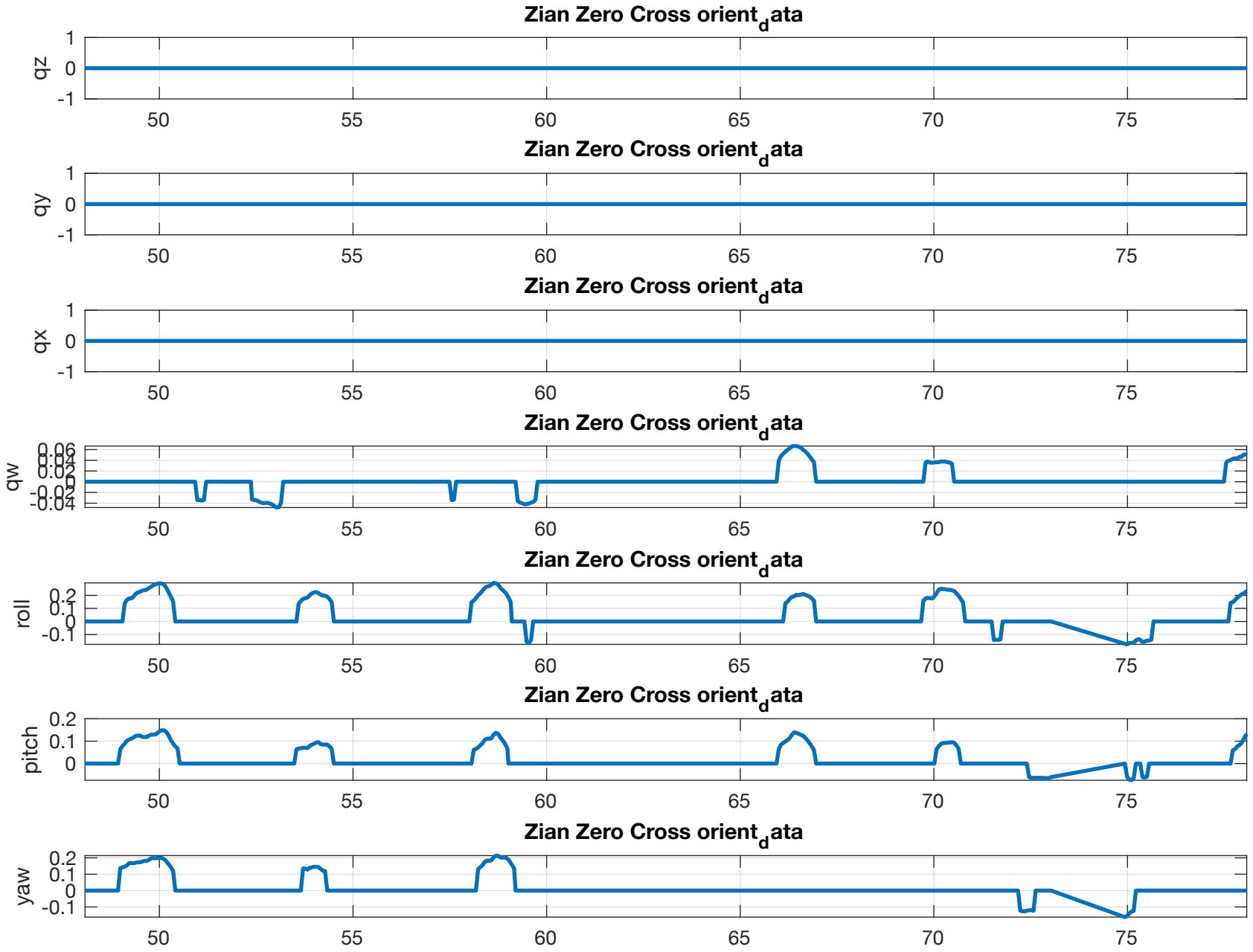
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-303.000	-216.000	-65.000	-50.500	"gyro_data"
'Y'	-311.000	-238.000	-57.000	-26.500	"gyro_data"
'X'	-263.000	-202.000	-56.000	-49.000	"gyro_data"


Zian grav_data
Z
3
2
1
0
-1
-2
50
55
60
65
70
75
Zian grav_data
Y
0.5
0
-0.5
-1
-1.5
50
55
60
65
70
75
Zian grav_data
X
0.4
0.2
0
-0.2
-0.4
50
55
60
65
70
75


Zian Zero Cross grav_data
Z
3
2
1
0
-1
-2
50
55
60
65
70
75
Zian Zero Cross grav_data
Y
0.5
0
-0.5
-1
-1.5
50
55
60
65
70
75
Zian Zero Cross grav_data
X
0.4
0.2
0
-0.2
-0.4
50
55
60
65
70
75

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-166.000	-35.000	-4.000	1.500	"grav_data"
'Y'	-150.000	-94.000	-20.000	8.500	"grav_data"
'X'	-232.000	-144.000	-28.000	-3.000	"grav_data"


Zian orientdata
qz
0
-0.05
-0.1
50
55
60
65
70
75
Zian orientdata
qy
0.1
0
-0.1
50
55
60
65
70
75
Zian orientdata
qx
0
-0.05
-0.1
50
55
60
65
70
75
Zian orientdata
qw
0.06
0.04
0.02
0
-0.02
-0.04
50
55
60
65
70
75
Zian orientdata
roll
0.2
0.1
0
-0.1
50
55
60
65
70
75
Zian orientdata
pitch
0.2
0.1
0
50
55
60
65
70
75
Zian orientdata
yaw
0.2
0.1
0
-0.1
50
55
60
65
70
75


Zian Zero Cross orientdata
qz
qy
qx
qw
roll
pitch
yaw
50
55
60
65
70
75

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-121.000	15.000	20.000	21.500	"orient_data"
'qy'	-125.000	-5.000	9.000	21.500	"orient_data"
'qx'	-140.000	-17.000	3.000	21.500	"orient_data"
'qw'	-121.000	-64.000	-8.000	12.500	"orient_data"
'roll'	-124.000	-21.000	3.000	9.000	"orient_data"
'pitch'	-105.000	-37.000	-2.000	10.000	"orient_data"
'yaw'	-164.000	-69.000	3.000	11.000	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"X"	'zero_cross'	66.500
'bar_data'	"Pressure"	'double_findpeaks'	5.000
'gyro_data'	"Y"	'zero_cross'	26.500
'grav_data'	"Z"	'zero_cross'	1.500
'orient_data'	"pitch"	'double_findpeaks'	2.000