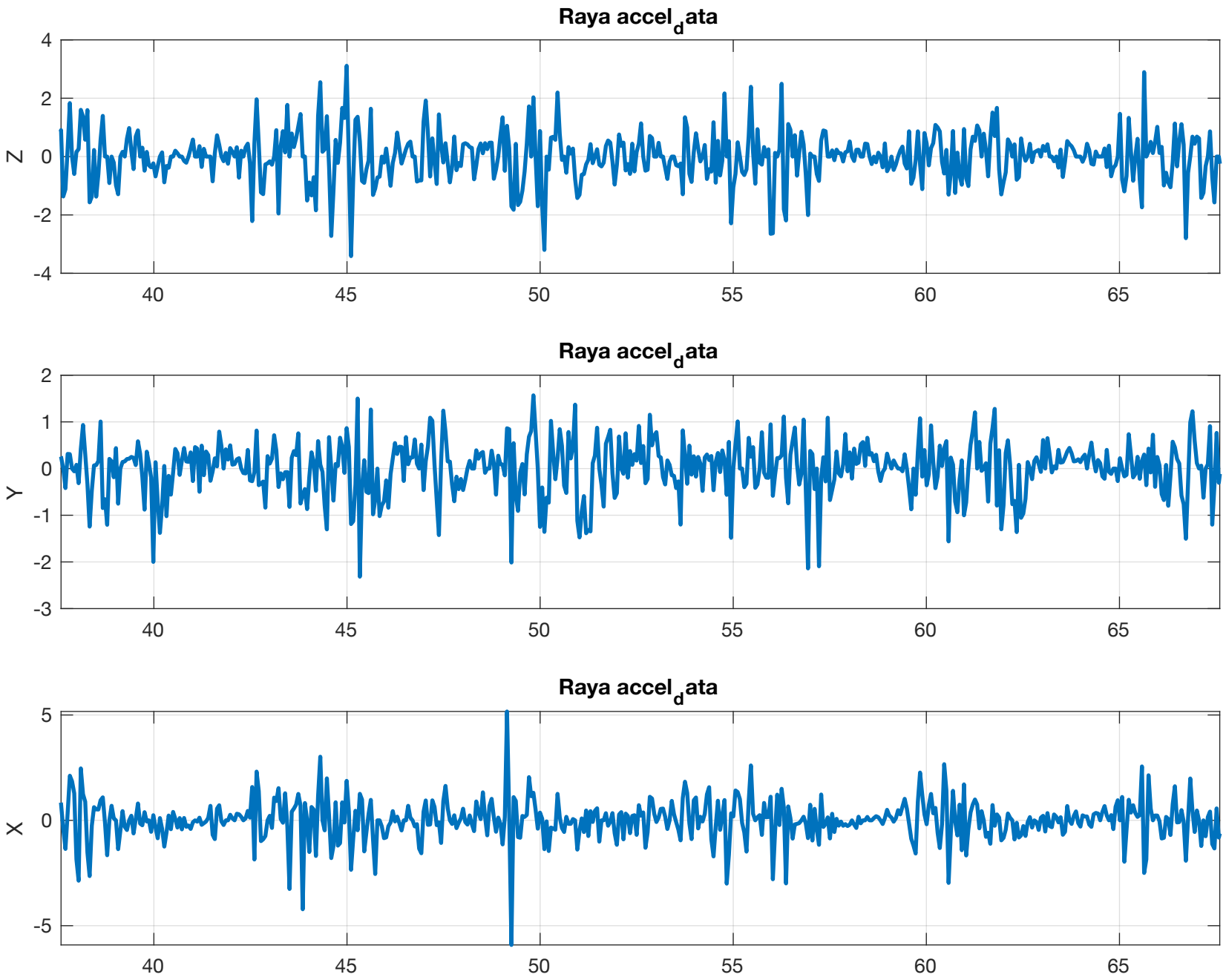
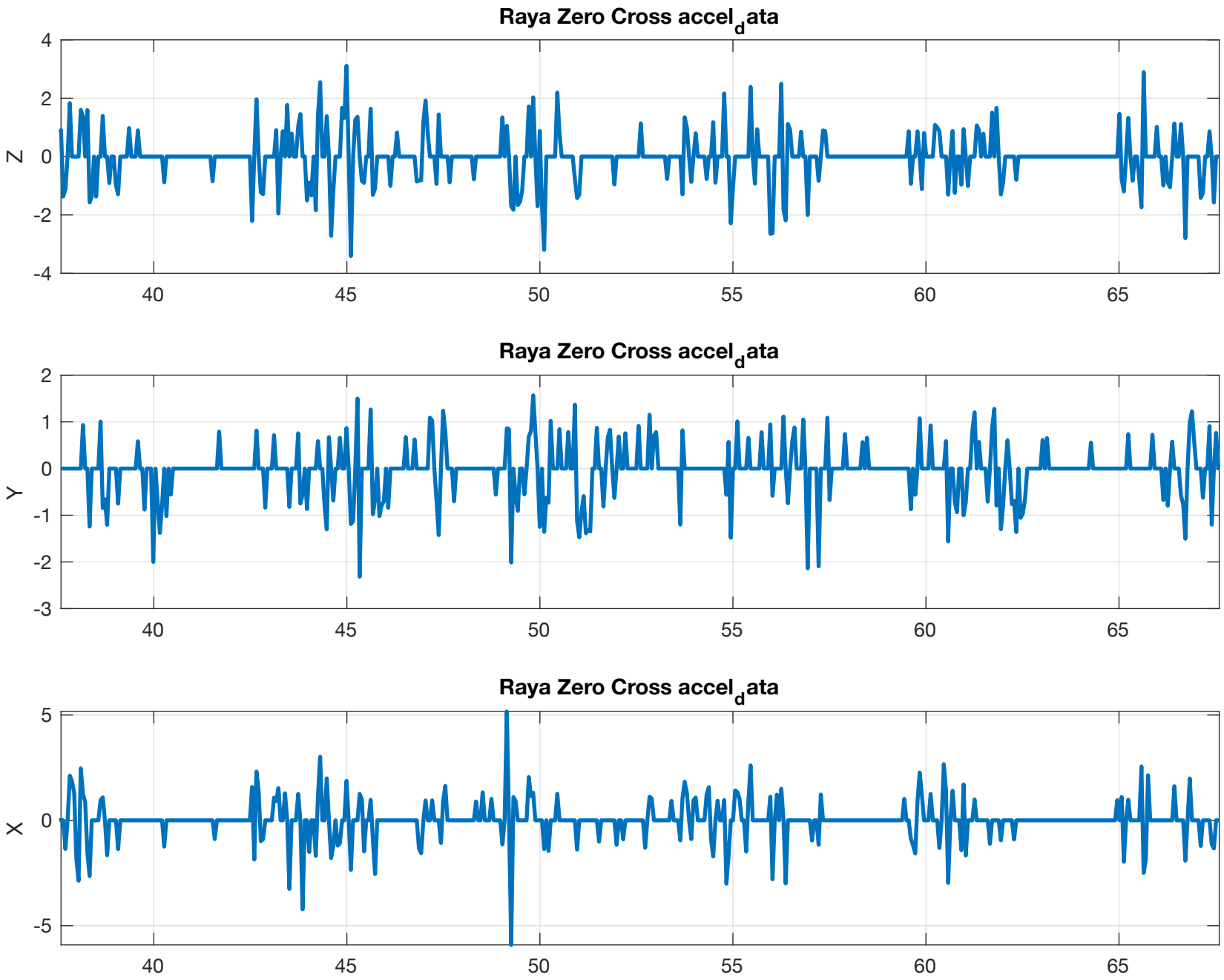
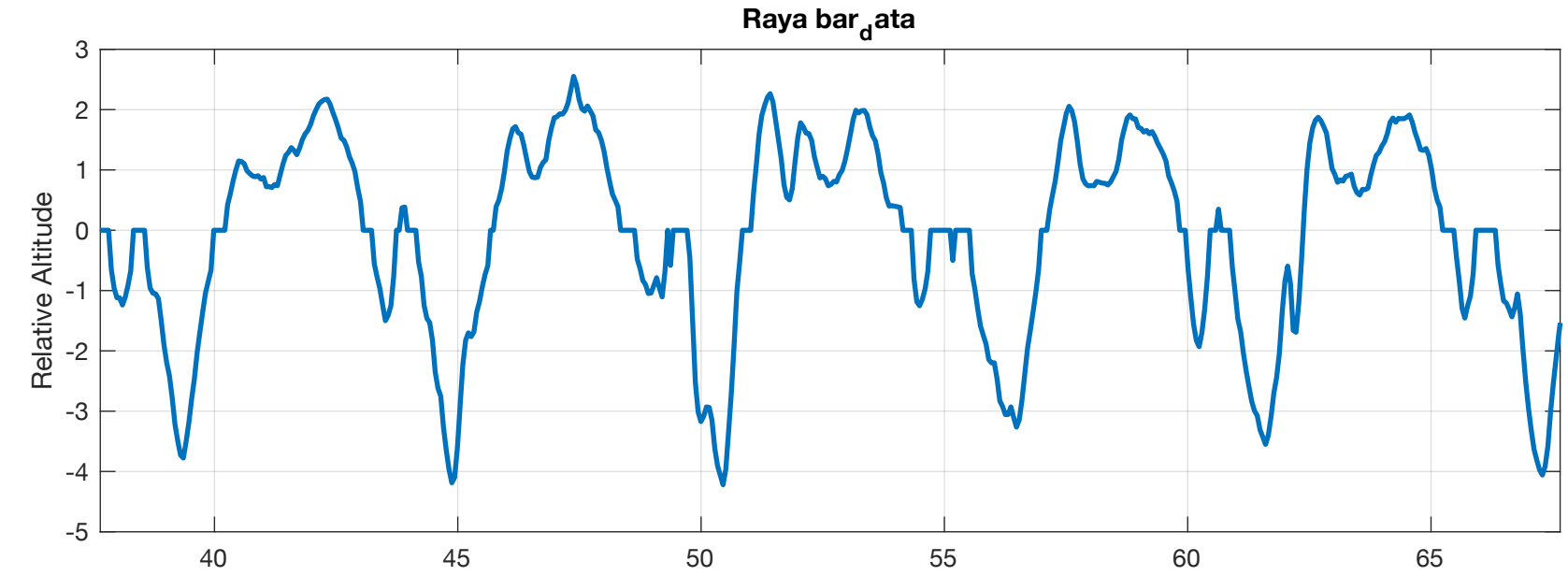
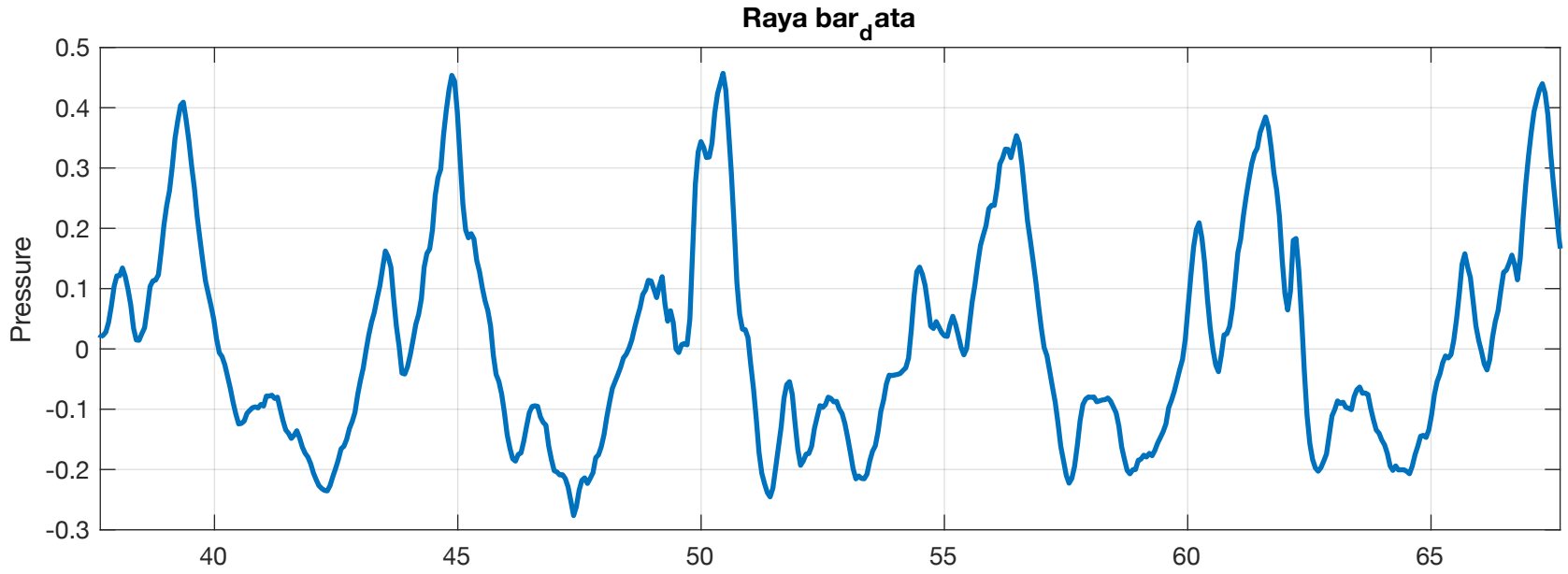
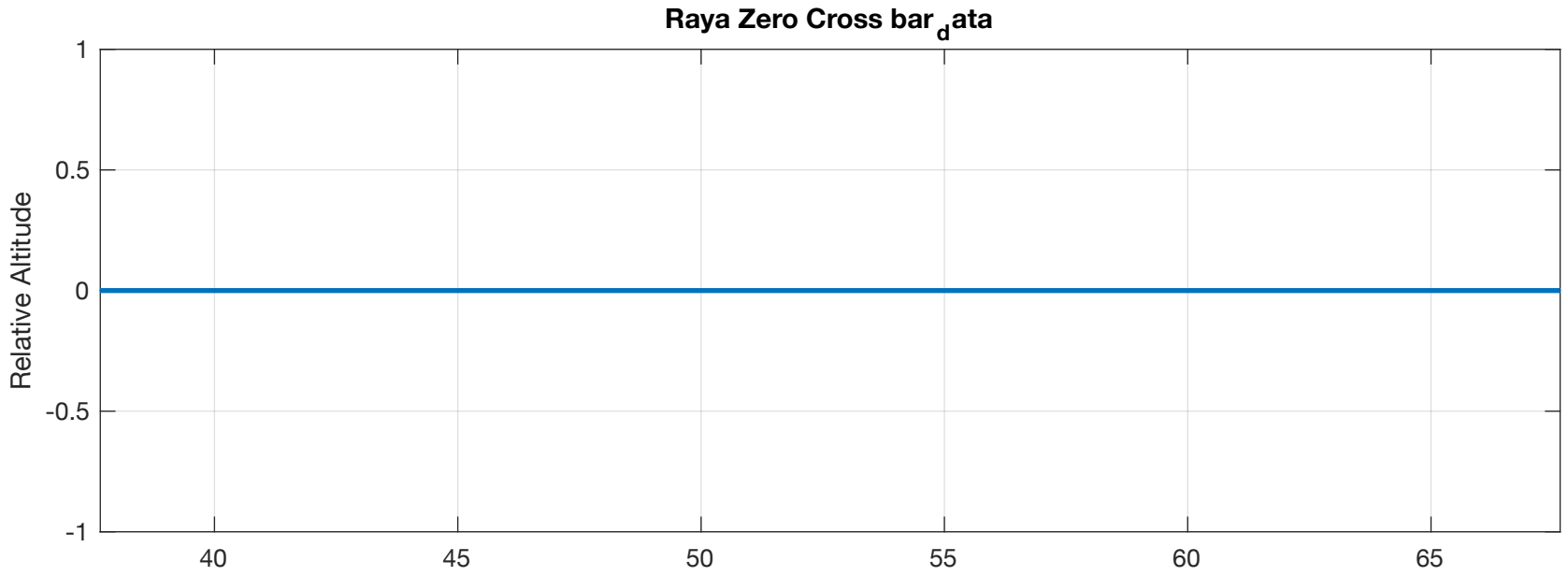

Raya accel_data
Z
4
2
0
-2
-4
40
45
50
55
60
65
Raya accel_data
Y
2
1
0
-1
-2
-3
40
45
50
55
60
65
Raya accel_data
X
5
0
-5
40
45
50
55
60
65

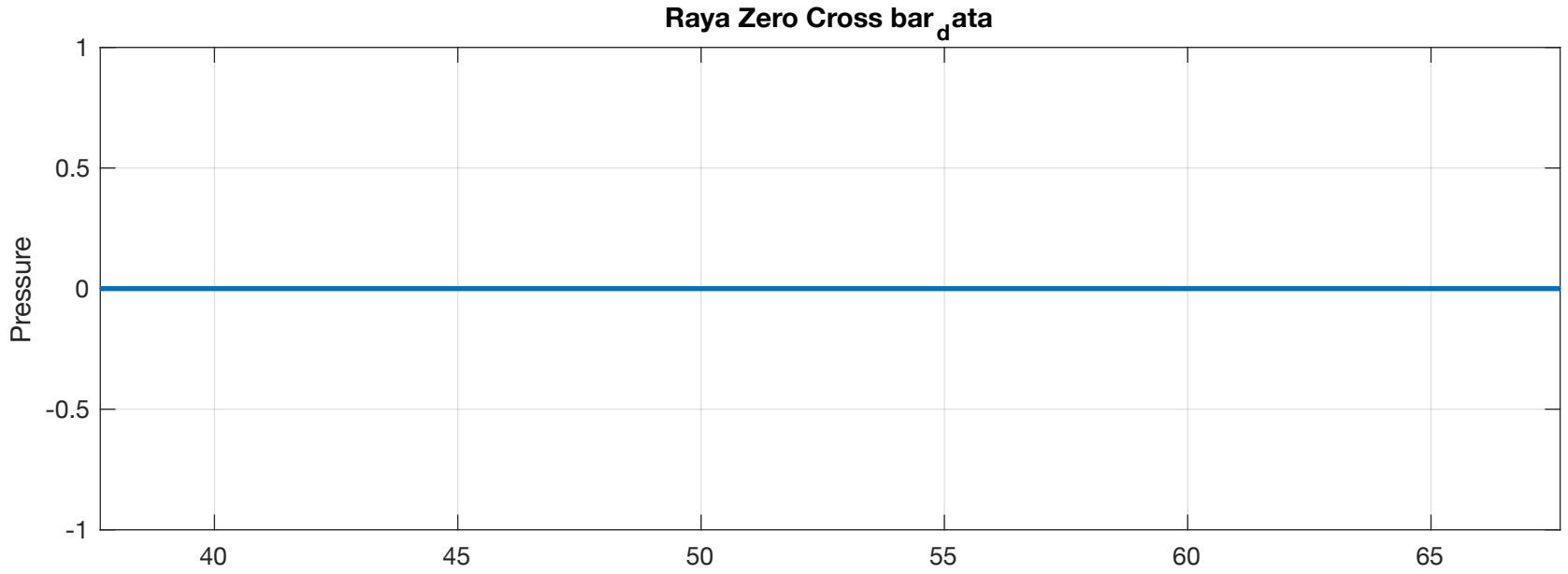

Raya Zero Cross accel_data
Z
4
2
0
-2
-4
40
45
50
55
60
65
Raya Zero Cross accel_data
Y
2
1
0
-1
-2
-3
40
45
50
55
60
65
Raya Zero Cross accel_data
X
5
0
-5
40
45
50
55
60
65

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-221.000	-195.000	-68.000	-63.000	"accel_data"
'Y'	-245.000	-205.000	-72.000	-68.500	"accel_data"
'X'	-235.000	-203.000	-69.000	-61.500	"accel_data"

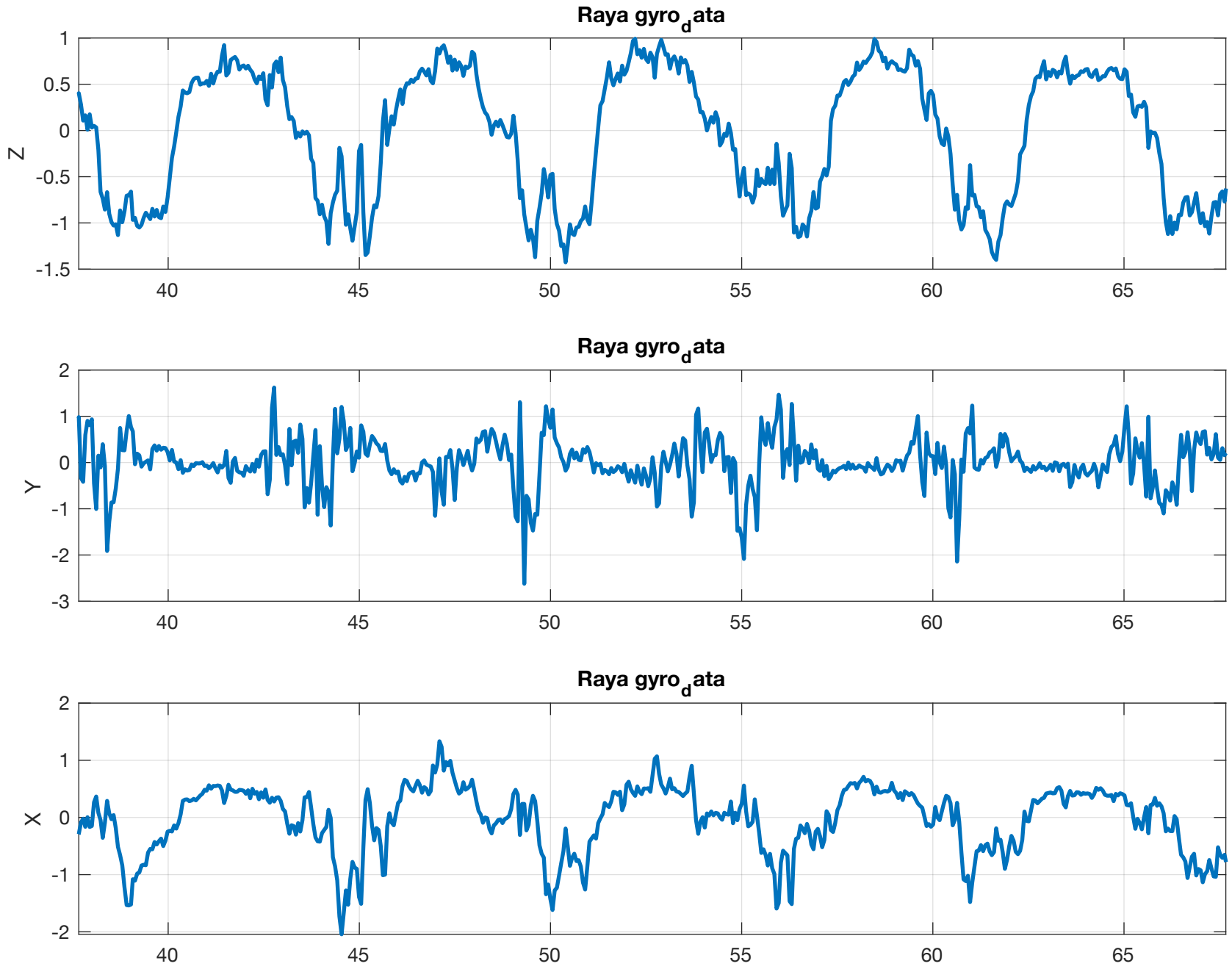

Raya bar_data
Relative Altitude
3
2
1
0
-1
-2
-3
-4
-5
40
45
50
55
60
65

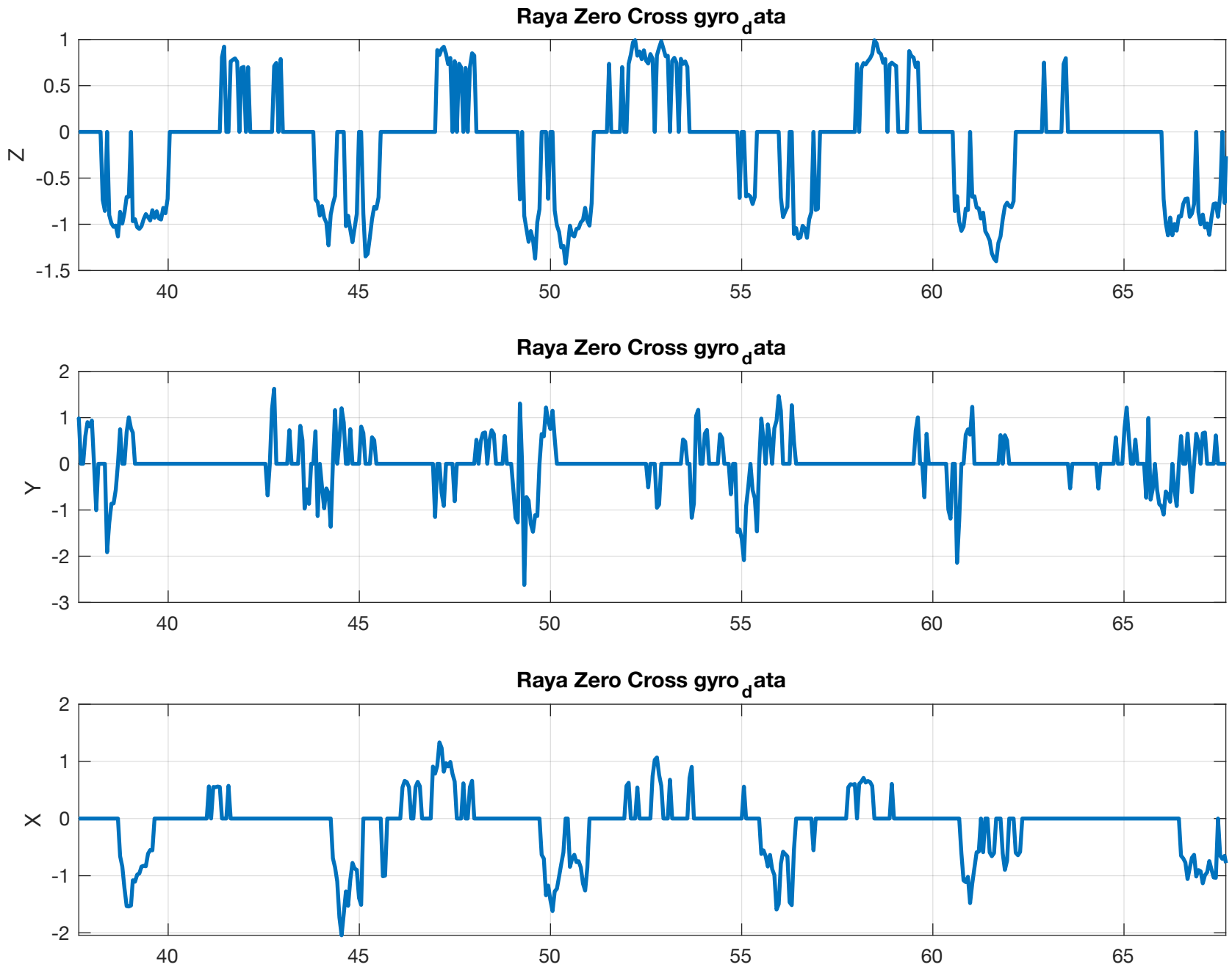

Raya bar_data
Pressure
0.5
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
40
45
50
55
60
65


Raya Zero Cross bar_data
Relative Altitude
1
0.5
0
-0.5
-1
40
45
50
55
60
65

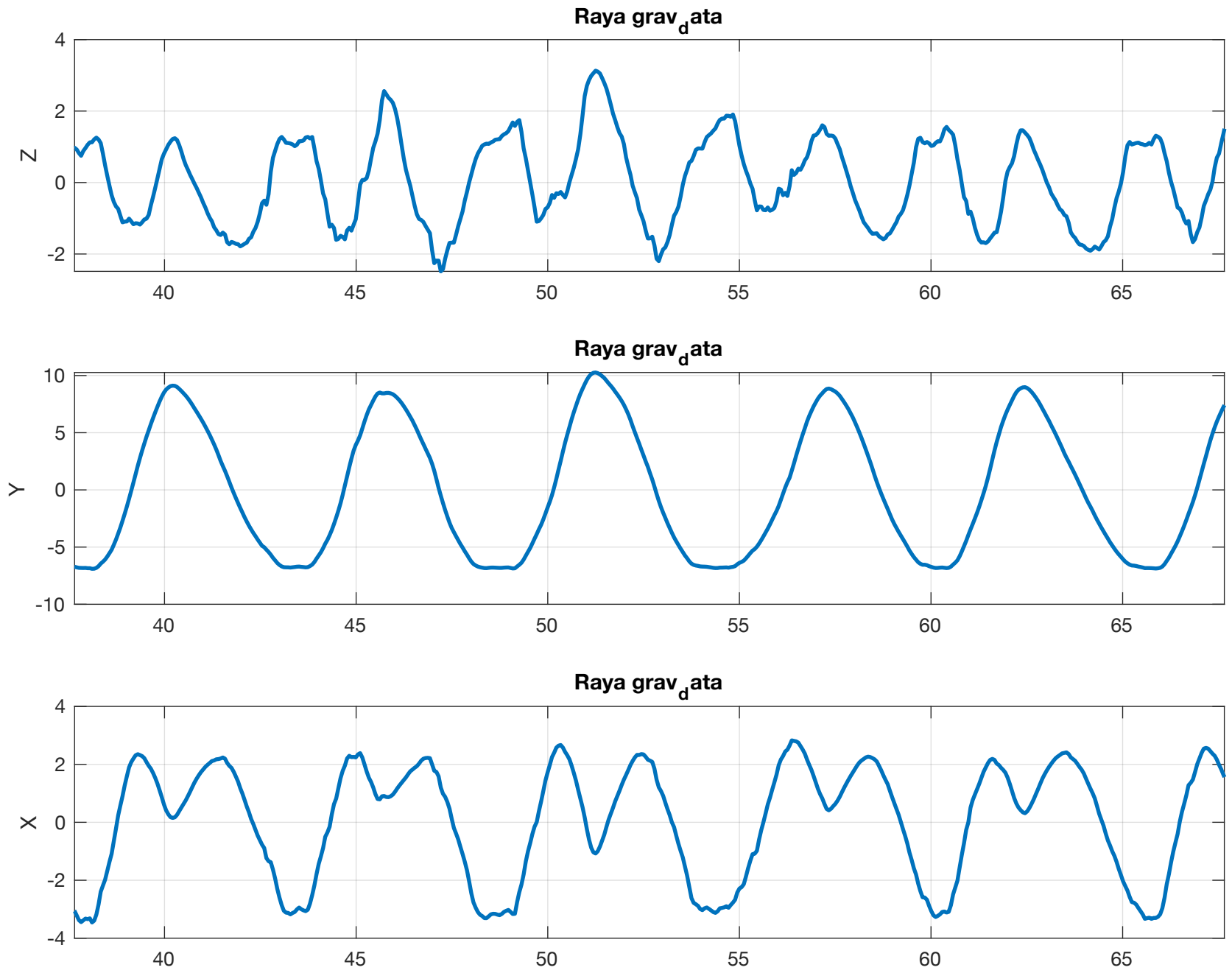

Raya Zero Cross bar_data
Pressure
1
0.5
0
-0.5
-1
40
45
50
55
60
65

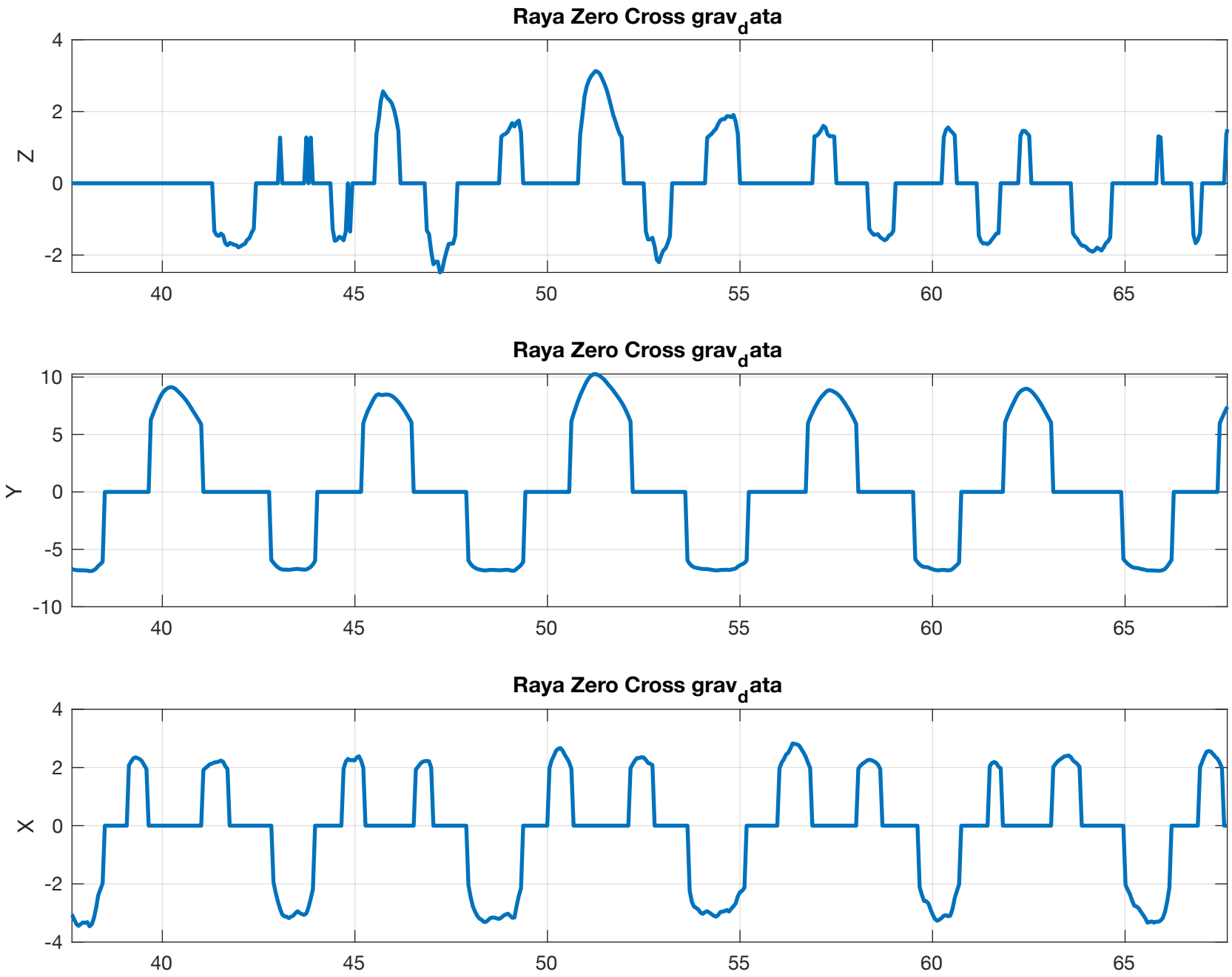
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-62.000	-45.000	-11.000	7.000	"bar_data"
"Pressure"	-73.000	-30.000	-6.000	7.000	"bar_data"


Raya gyro_data
Z
1
0.5
0
-0.5
-1
-1.5
40
45
50
55
60
65
Raya gyro_data
Y
2
1
0
-1
-2
-3
40
45
50
55
60
65
Raya gyro_data
X
2
1
0
-1
-2
40
45
50
55
60
65

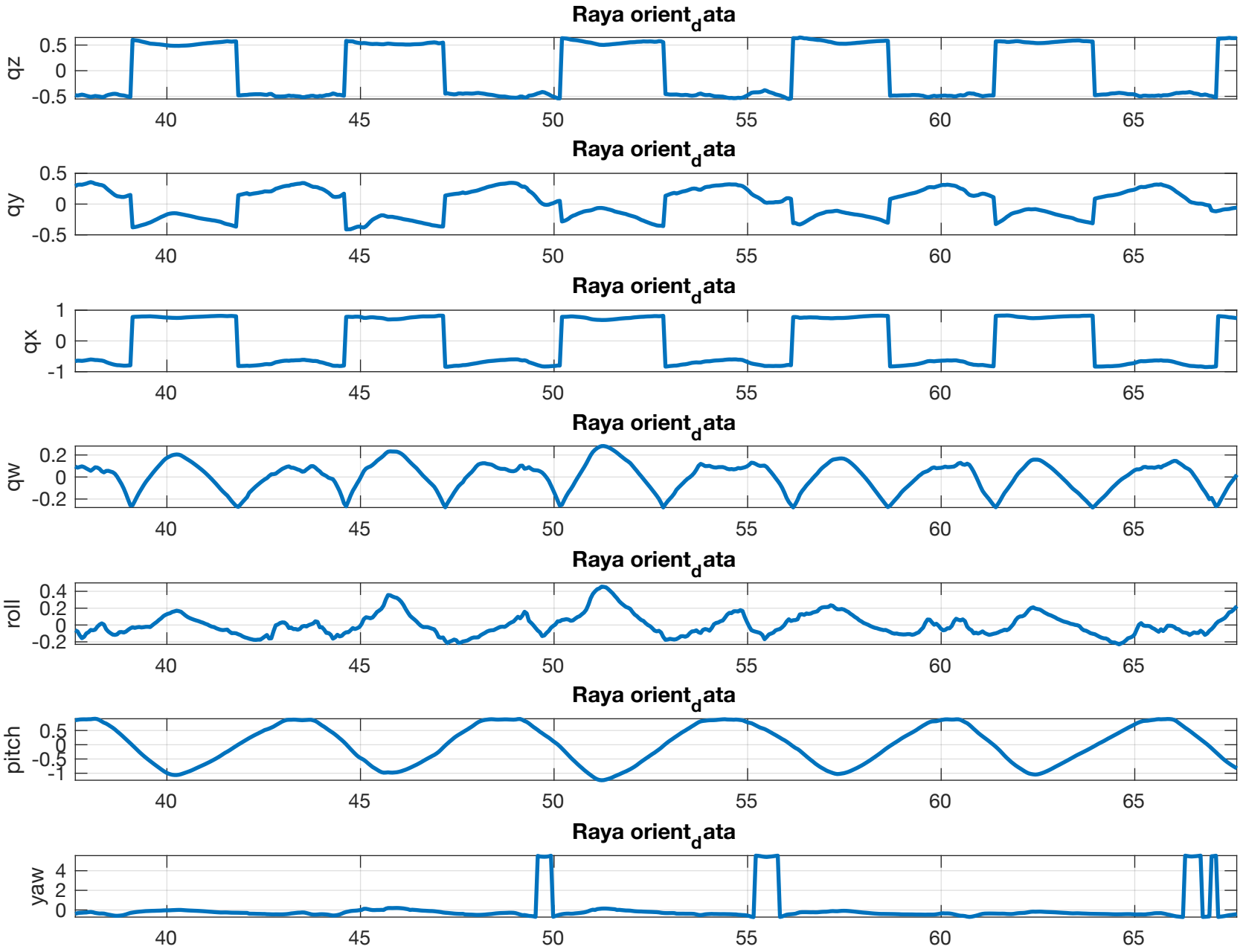

Raya Zero Cross gyro_data
Z
1
0.5
0
-0.5
-1
-1.5
40
45
50
55
60
65
Raya Zero Cross gyro_data
Y
2
1
0
-1
-2
-3
40
45
50
55
60
65
Raya Zero Cross gyro_data
X
2
1
0
-1
-2
40
45
50
55
60
65

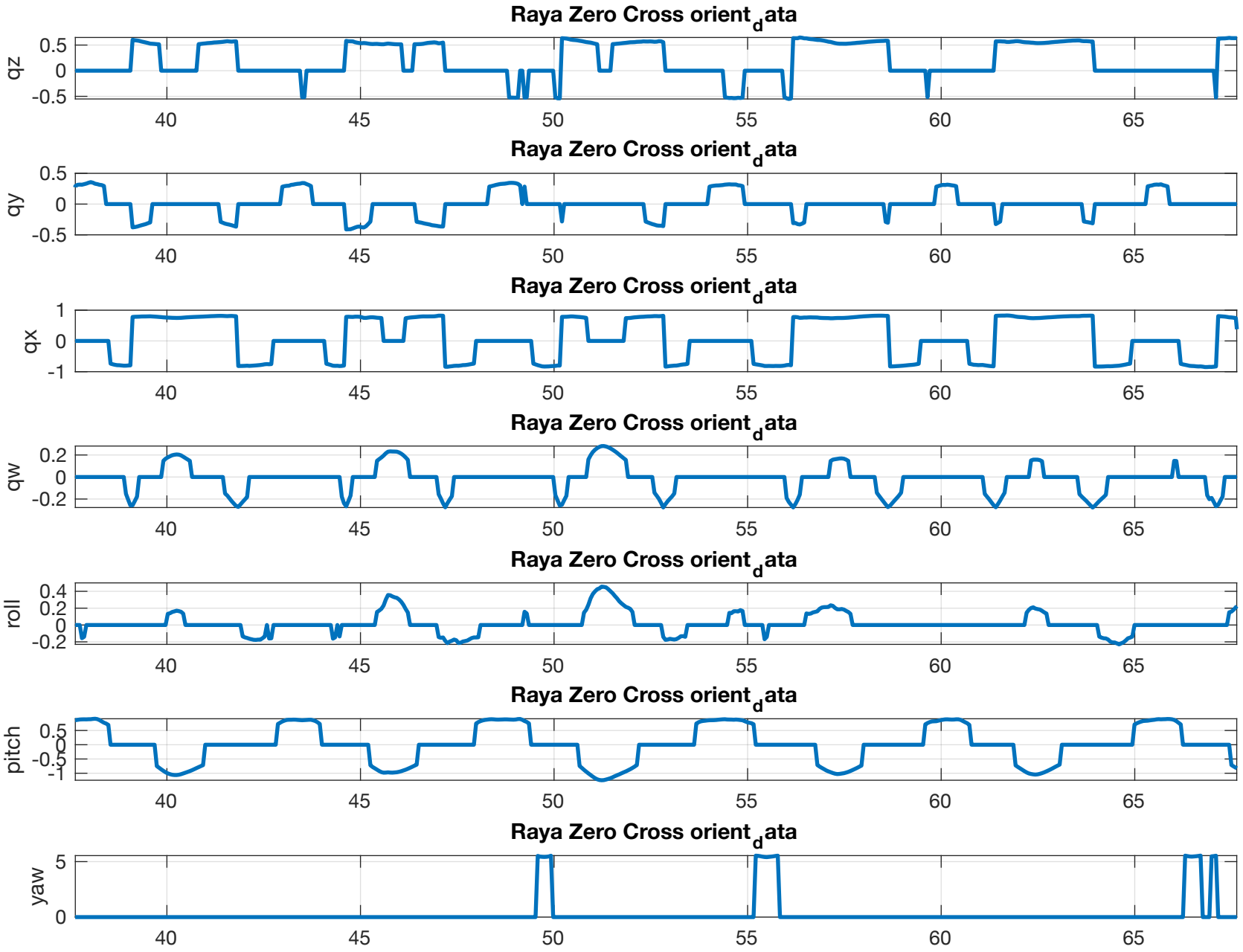
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-195.000	-121.000	-31.000	-21.500	"gyro_data"
'Y'	-226.000	-149.000	-47.000	-38.000	"gyro_data"
'X'	-185.000	-124.000	-35.000	-16.500	"gyro_data"


Raya grav_data
Z
4
2
0
-2
40
45
50
55
60
65
Raya grav_data
Y
10
5
0
-5
-10
40
45
50
55
60
65
Raya grav_data
X
4
2
0
-2
-4
40
45
50
55
60
65


Raya Zero Cross grav_data
Z
4
2
0
-2
40
45
50
55
60
65
Raya Zero Cross grav_data
Y
10
5
0
-5
-10
40
45
50
55
60
65
Raya Zero Cross grav_data
X
4
2
0
-2
-4
40
45
50
55
60
65

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-66.000	-32.000	-13.000	-7.750	"grav_data"
'Y'	-16.000	-2.000	-1.000	-1.250	"grav_data"
'X'	-29.000	-13.000	-4.000	-5.250	"grav_data"


Raya orientdata
qz
0.5
0
-0.5
40
45
50
55
60
65
Raya orientdata
qy
0.5
0
-0.5
40
45
50
55
60
65
Raya orientdata
qx
1
0
-1
40
45
50
55
60
65
Raya orientdata
qw
0.2
0
-0.2
40
45
50
55
60
65
Raya orientdata
roll
0.4
0.2
0
-0.2
40
45
50
55
60
65
Raya orientdata
pitch
0.5
0
-0.5
-1
40
45
50
55
60
65
Raya orientdata
yaw
4
2
0
40
45
50
55
60
65


Raya Zero Cross orientdata
qz
0.5
0
-0.5
40
45
50
55
60
65
Raya Zero Cross orientdata
qy
0.5
0
-0.5
40
45
50
55
60
65
Raya Zero Cross orientdata
qx
1
0
-1
40
45
50
55
60
65
Raya Zero Cross orientdata
qw
0.2
0
-0.2
40
45
50
55
60
65
Raya Zero Cross orientdata
roll
0.4
0.2
0
-0.2
40
45
50
55
60
65
Raya Zero Cross orientdata
pitch
0.5
0
-0.5
-1
40
45
50
55
60
65
Raya Zero Cross orientdata
yaw
5
0
40
45
50
55
60
65

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-94.000	-34.000	-8.000	-7.250	"orient_data"
'qy'	-42.000	-30.000	-3.000	-5.750	"orient_data"
'qx'	-71.000	-31.000	-8.000	-6.000	"orient_data"
'qw'	-39.000	-35.000	-6.000	-6.000	"orient_data"
'roll'	-84.000	-32.000	-10.000	-5.000	"orient_data"
'pitch'	-14.000	-13.000	3.000	-1.250	"orient_data"
'yaw'	-67.000	-21.000	-4.000	5.000	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"X"	'zero_cross'	61.500
'bar_data'	"Pressure"	'double_findpeaks'	6.000
'gyro_data'	"X"	'zero_cross'	16.500
'grav_data'	"Y"	'double_findpeaks'	1.000
'orient_data'	"pitch"	'zero_cross'	1.250