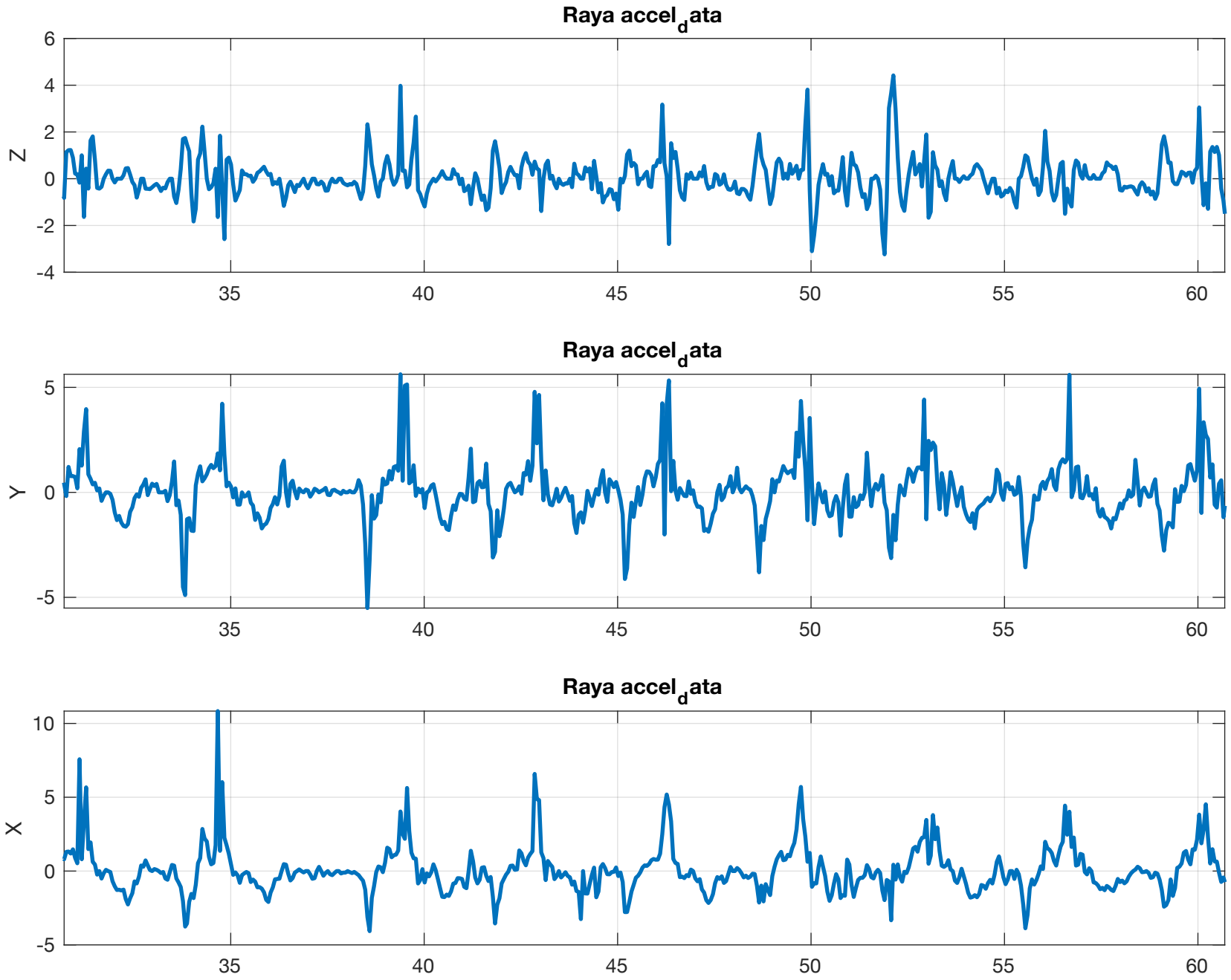
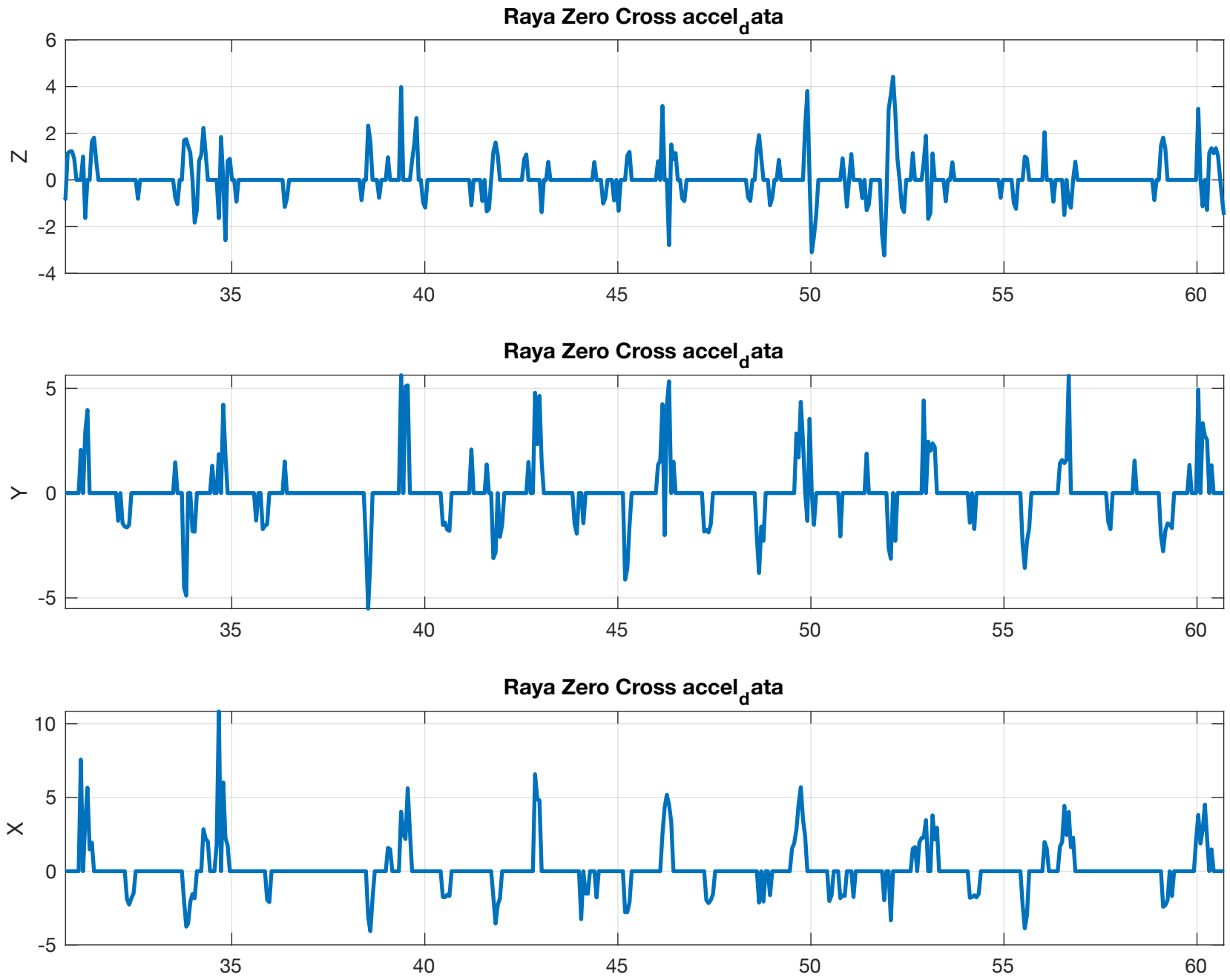
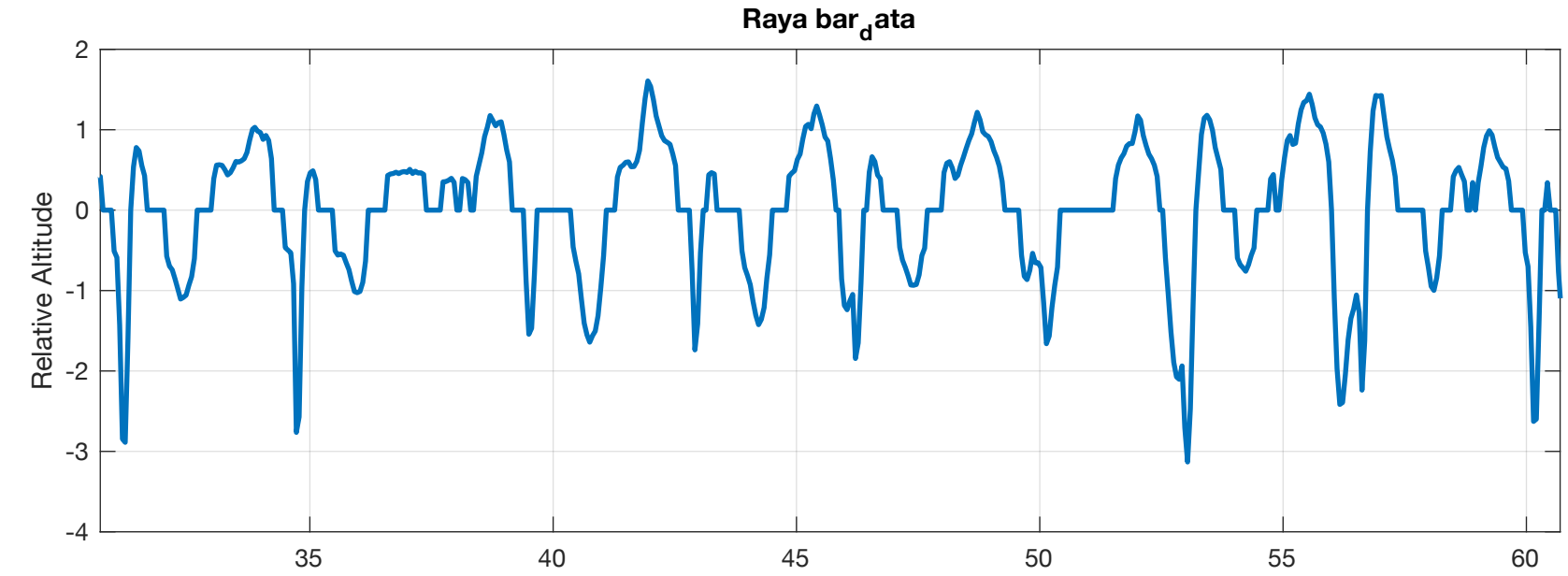
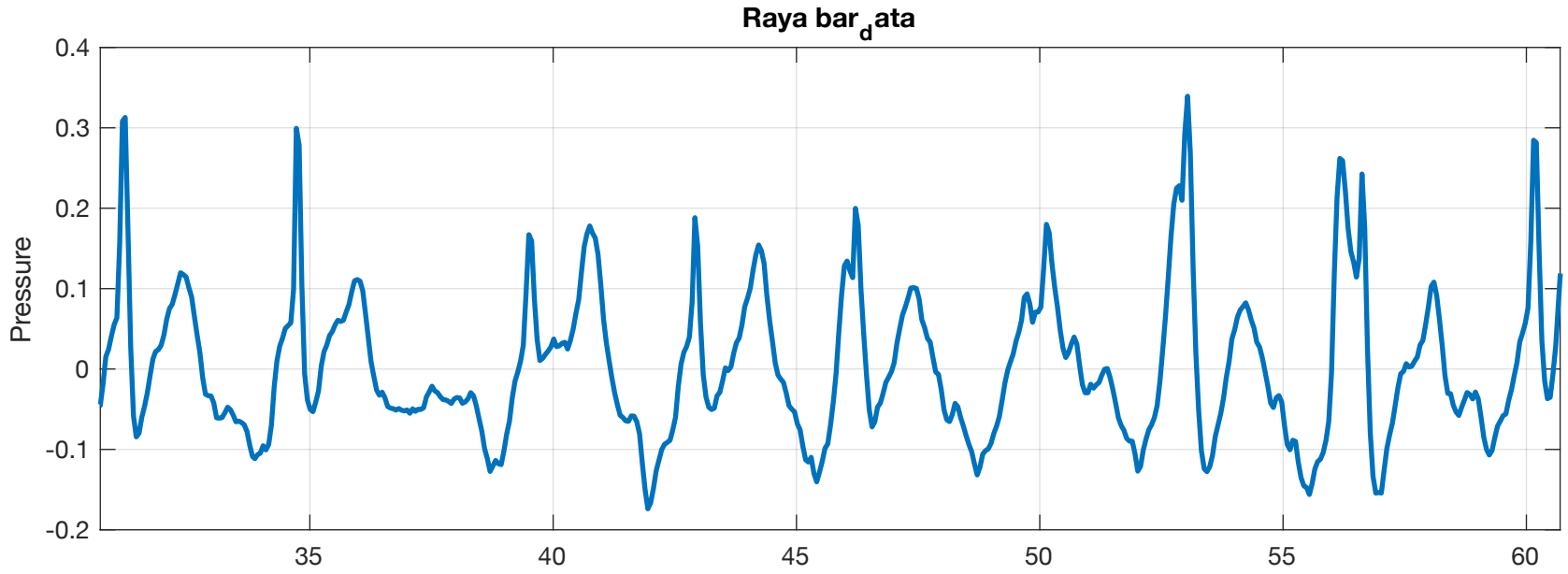
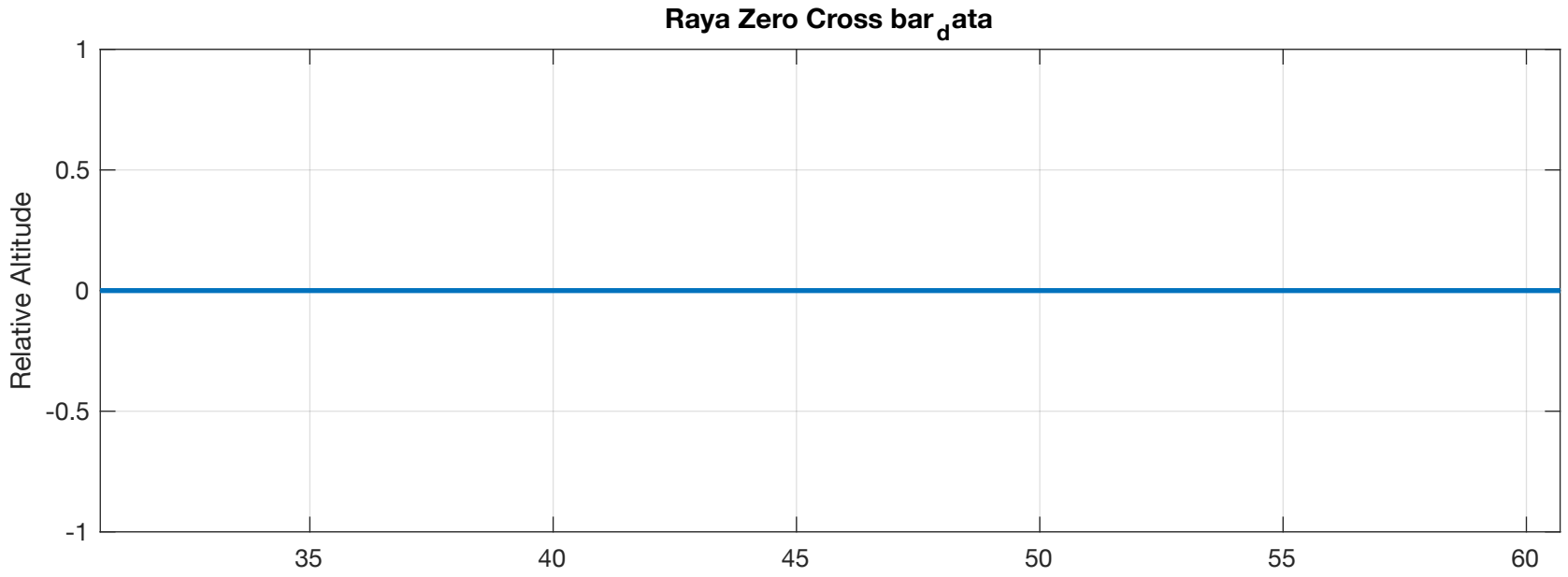

Raya accel_data
Z
6
4
2
0
-2
-4
35
40
45
50
55
60
Raya accel_data
Y
5
0
-5
35
40
45
50
55
60
Raya accel_data
X
10
5
0
-5
35
40
45
50
55
60

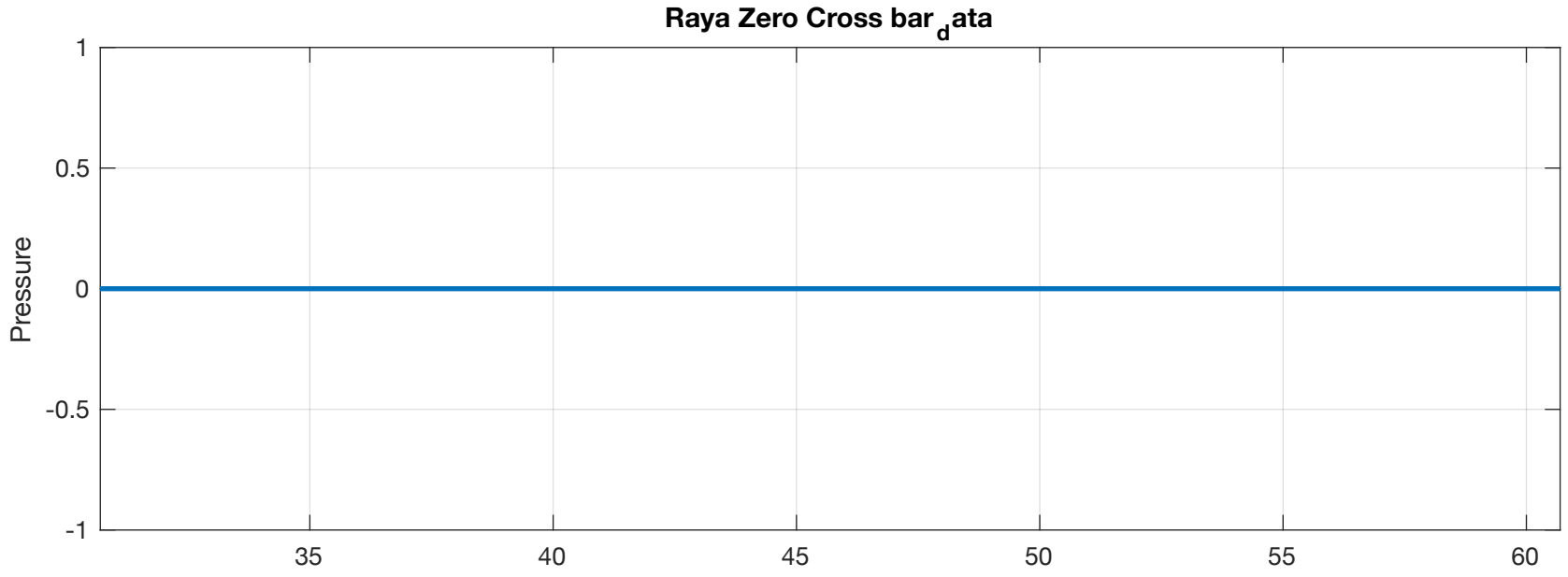

Raya Zero Cross accel_data
Z
6
4
2
0
-2
-4
35
40
45
50
55
60
Raya Zero Cross accel_data
Y
5
0
-5
35
40
45
50
55
60
Raya Zero Cross accel_data
X
10
5
0
-5
35
40
45
50
55
60

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-250.000	-165.000	-59.000	-56.500	"accel_data"
'Y'	-281.000	-205.000	-56.000	-34.000	"accel_data"
'X'	-246.000	-142.000	-39.000	-25.000	"accel_data"

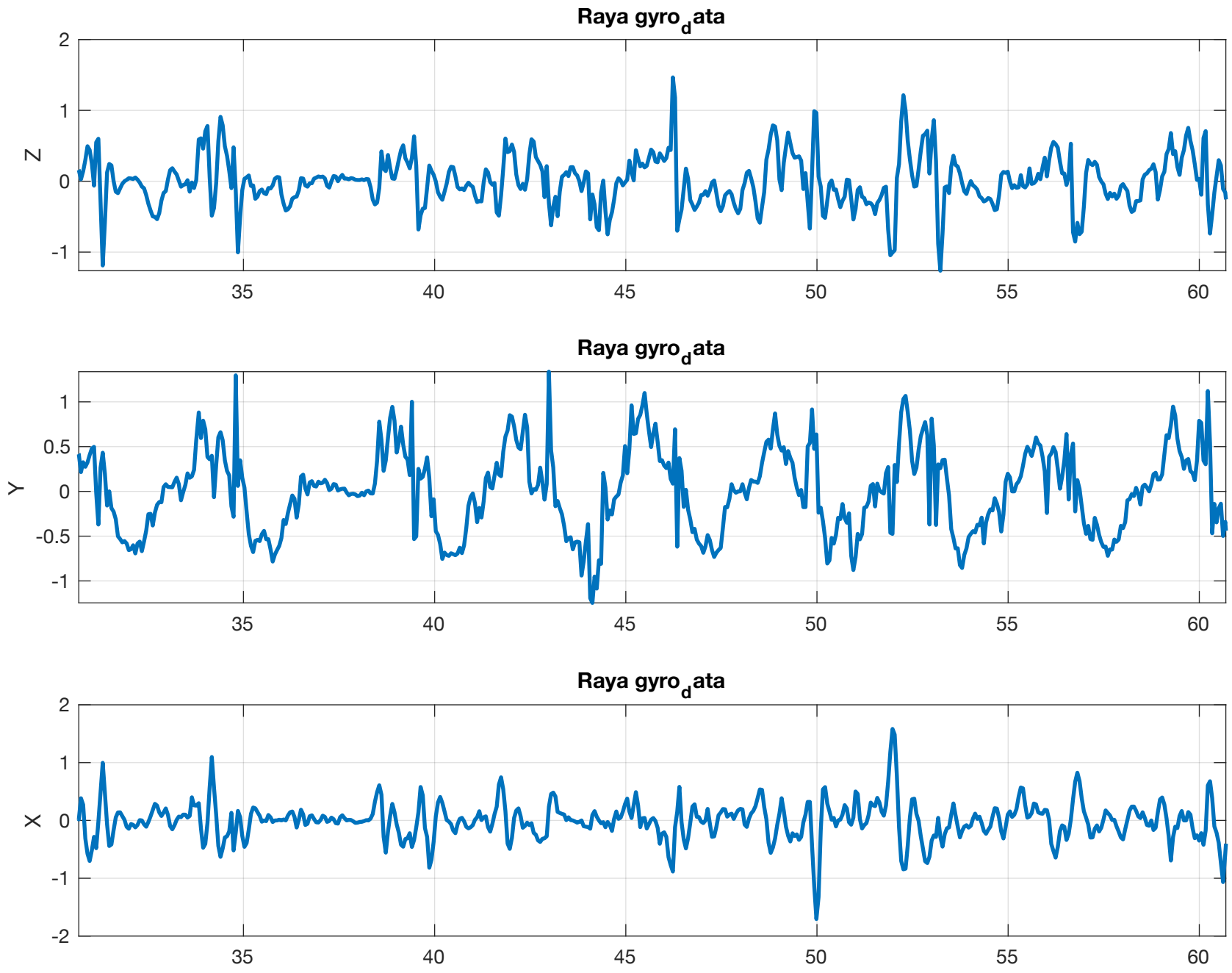

Raya bar_data
Relative Altitude
2
1
0
-1
-2
-3
-4
35
40
45
50
55
60

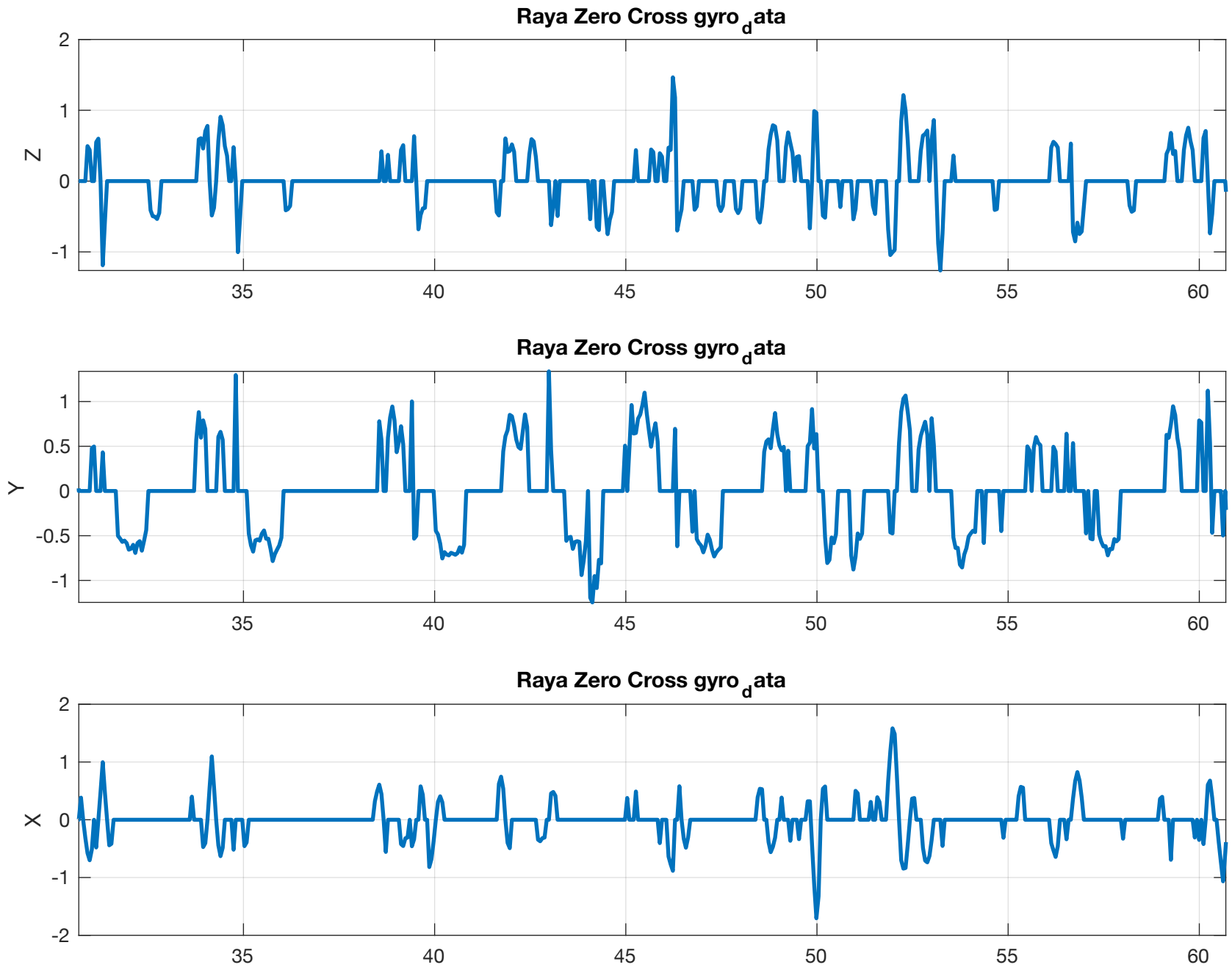

Raya bar_data
Pressure
0.4
0.3
0.2
0.1
0
-0.1
-0.2
35
40
45
50
55
60


Raya Zero Cross bar_data
Relative Altitude
1
0.5
0
-0.5
-1
35
40
45
50
55
60

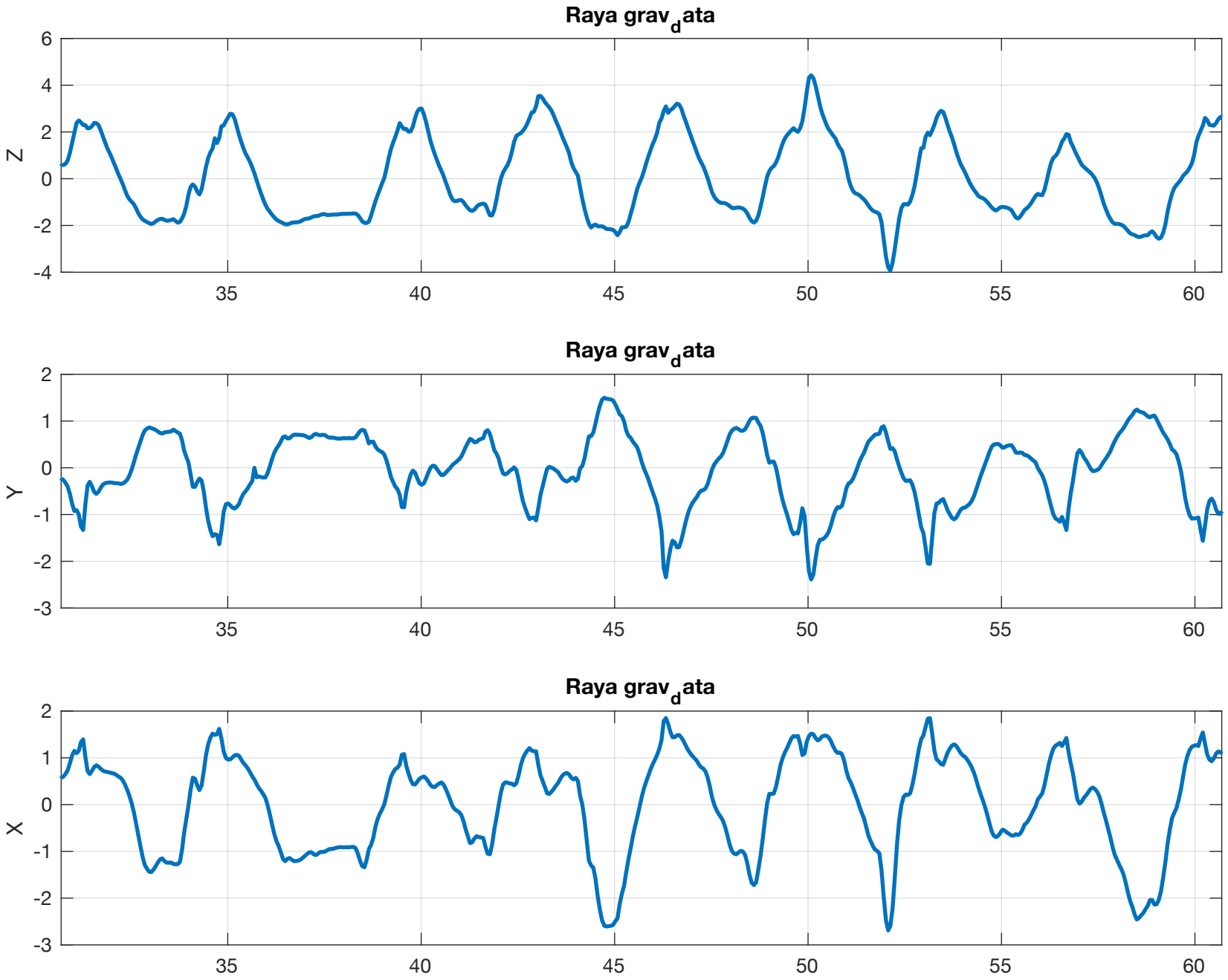

Raya Zero Cross bar_data
Pressure
1
0.5
0
-0.5
-1
35
40
45
50
55
60

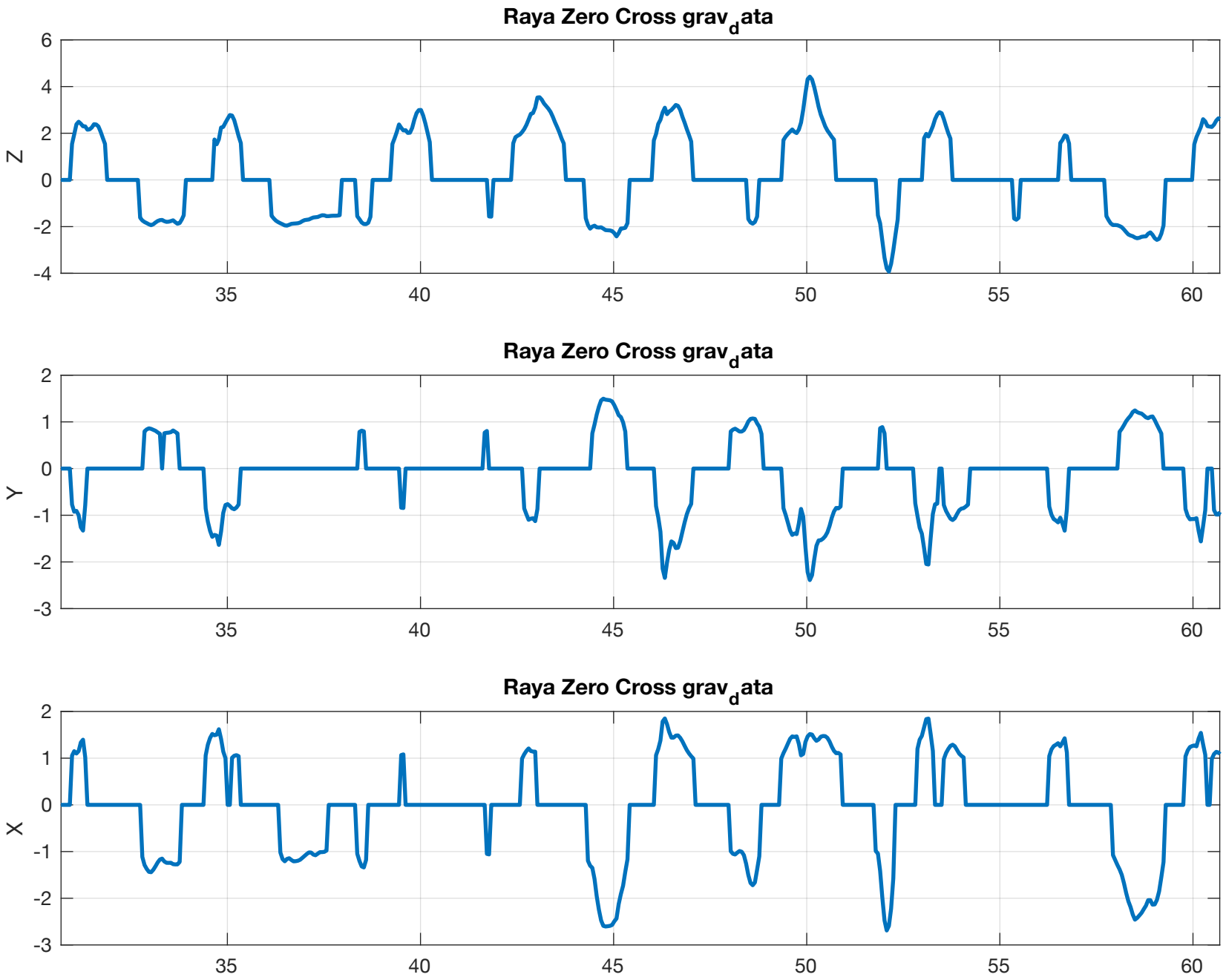
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-58.000	-40.000	0.000	20.000	"bar_data"
"Pressure"	-79.000	-43.000	-10.000	20.000	"bar_data"


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

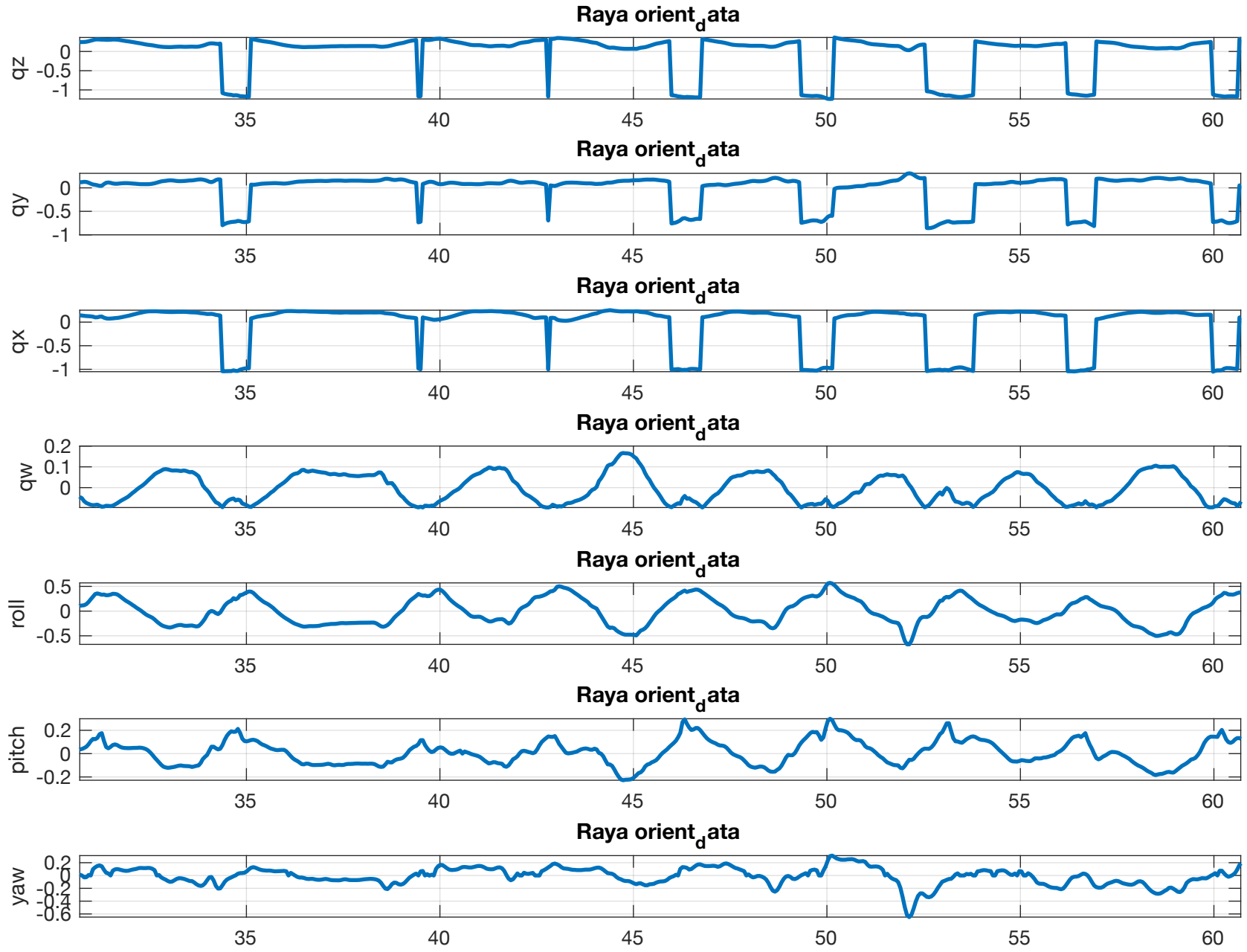

Raya Zero Cross gyro_data
Z
2
1
0
-1
35
40
45
50
55
60
Raya Zero Cross gyro_data
Y
1
0.5
0
-0.5
-1
35
40
45
50
55
60
Raya Zero Cross gyro_data
X
2
1
0
-1
-2
35
40
45
50
55
60

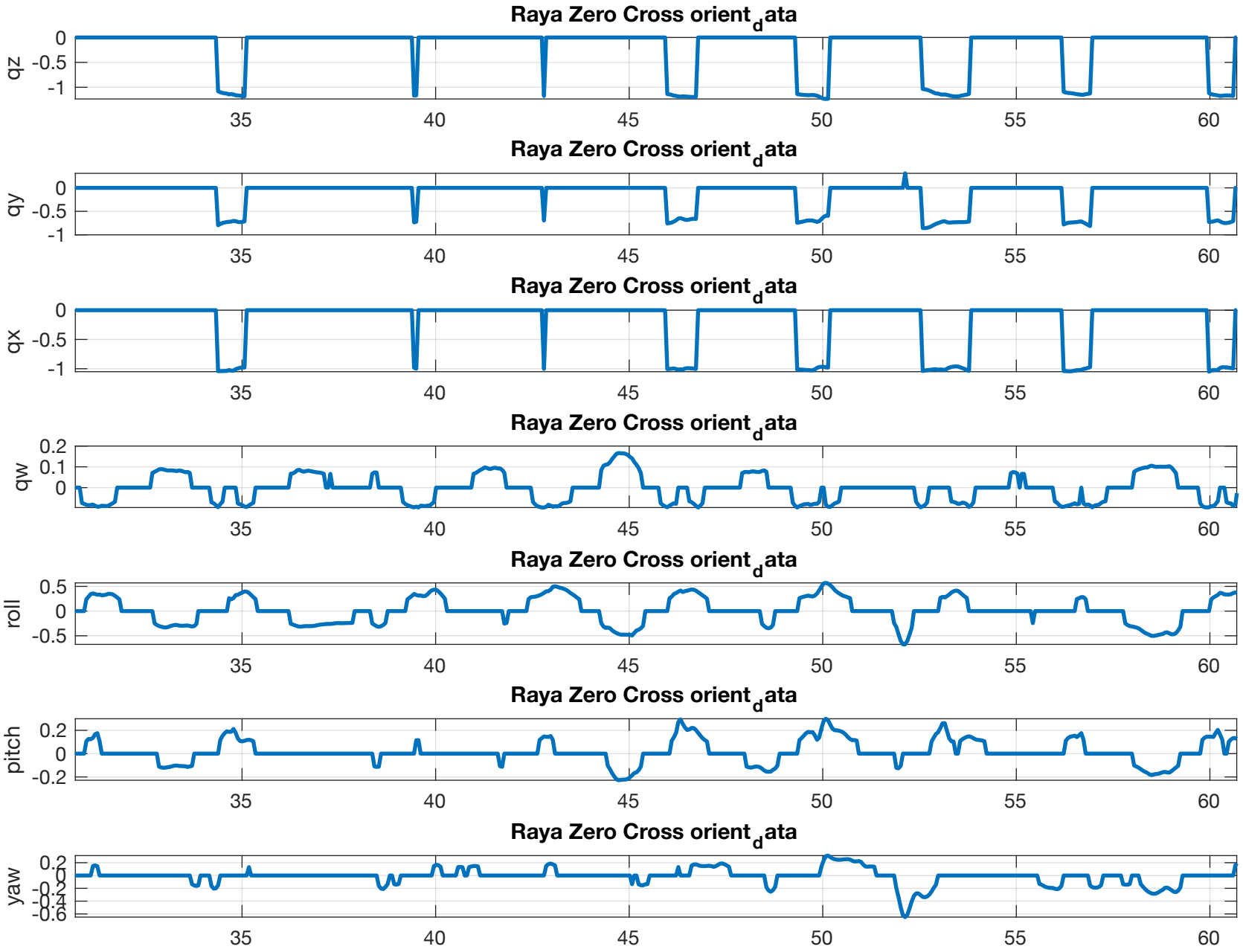
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-197.000	-146.000	-47.000	-37.000	"gyro_data"
'Y'	-263.000	-161.000	-34.000	-34.500	"gyro_data"
'X'	-189.000	-146.000	-45.000	-39.000	"gyro_data"


Raya grav_data
Z
6
4
2
0
-2
-4
35
40
45
50
55
60
Raya grav_data
Y
2
1
0
-1
-2
-3
35
40
45
50
55
60
Raya grav_data
X
2
1
0
-1
-2
-3
35
40
45
50
55
60


Raya Zero Cross grav_data
Z
6
4
2
0
-2
-4
35
40
45
50
55
60
Raya Zero Cross grav_data
Y
2
1
0
-1
-2
-3
35
40
45
50
55
60
Raya Zero Cross grav_data
X
2
1
0
-1
-2
-3
35
40
45
50
55
60

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-56.000	-18.000	1.000	2.250	"grav_data"
'Y'	-81.000	-39.000	0.000	0.250	"grav_data"
'X'	-67.000	-42.000	1.000	-1.250	"grav_data"


Raya orientdata
qz
0
-0.5
-1
35
40
45
50
55
60
Raya orientdata
qy
0
-0.5
-1
35
40
45
50
55
60
Raya orientdata
qx
0
-0.5
-1
35
40
45
50
55
60
Raya orientdata
qw
0.2
0.1
0
35
40
45
50
55
60
Raya orientdata
roll
0.5
0
-0.5
35
40
45
50
55
60
Raya orientdata
pitch
0.2
0
-0.2
35
40
45
50
55
60
Raya orientdata
yaw
0.2
0
-0.2
-0.4
-0.6
35
40
45
50
55
60


Raya Zero Cross orientdata
qz
0
-0.5
-1
35
40
45
50
55
60
Raya Zero Cross orientdata
qy
0
-0.5
-1
35
40
45
50
55
60
Raya Zero Cross orientdata
qx
0
-0.5
-1
35
40
45
50
55
60
Raya Zero Cross orientdata
qw
0.2
0.1
0
35
40
45
50
55
60
Raya Zero Cross orientdata
roll
0.5
0
-0.5
35
40
45
50
55
60
Raya Zero Cross orientdata
pitch
0.2
0
-0.2
35
40
45
50
55
60
Raya Zero Cross orientdata
yaw
0.2
0
-0.2
-0.4
-0.6
35
40
45
50
55
60

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-65.000	-55.000	-7.000	13.000	"orient_data"
'qy'	-83.000	-68.000	-4.000	12.500	"orient_data"
'qx'	-85.000	-65.000	-7.000	13.000	"orient_data"
'qw'	-84.000	-40.000	-1.000	-2.750	"orient_data"
'roll'	-49.000	-20.000	0.000	2.750	"orient_data"
'pitch'	-79.000	-44.000	0.000	0.250	"orient_data"
'yaw'	-113.000	-79.000	-9.000	-3.750	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"X"	'zero_cross'	25.000
'bar_data'	"Relative Altitude"	'double_findpeaks'	0.000
'gyro_data'	"Y"	'double_findpeaks'	34.000
'grav_data'	"Y"	'double_findpeaks'	0.000
'orient_data'	"roll"	'double_findpeaks'	0.000