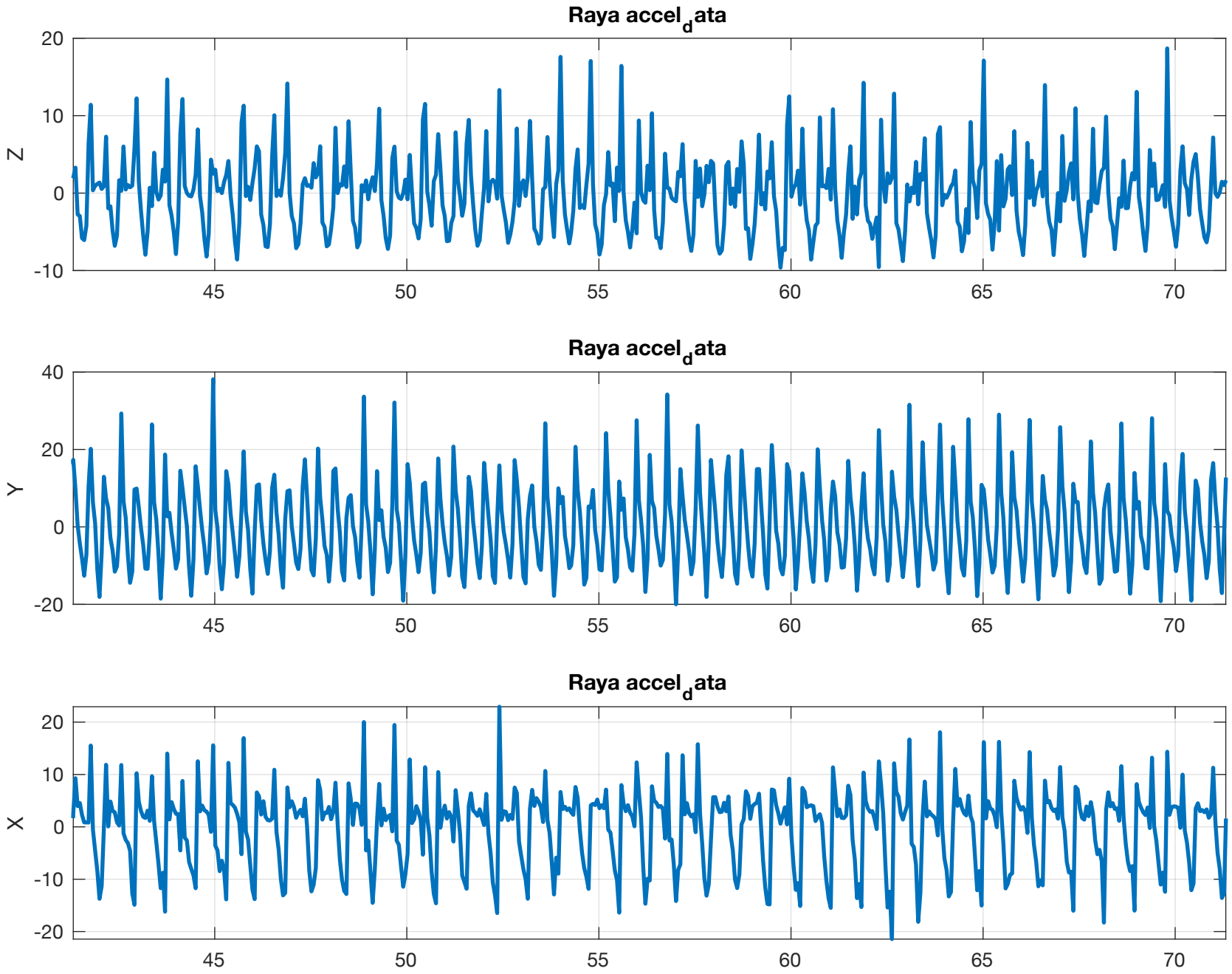
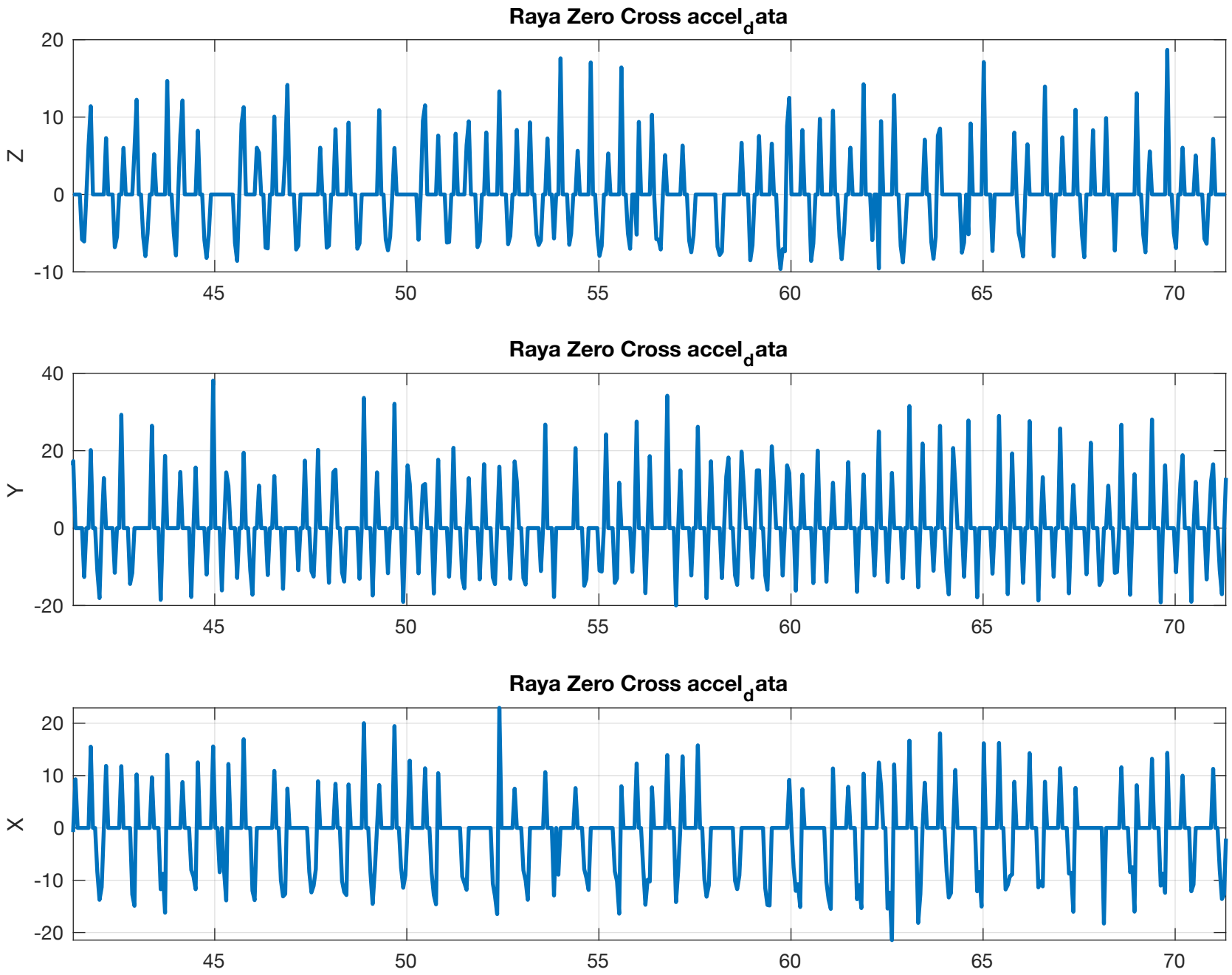
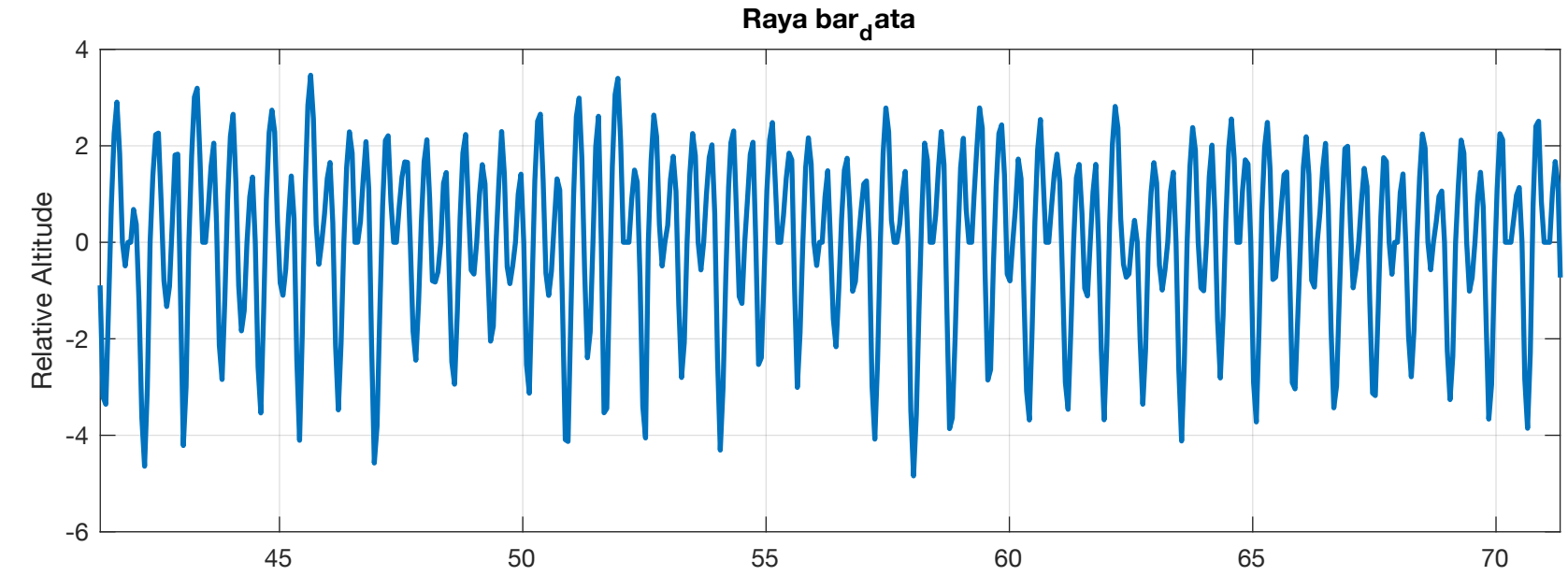
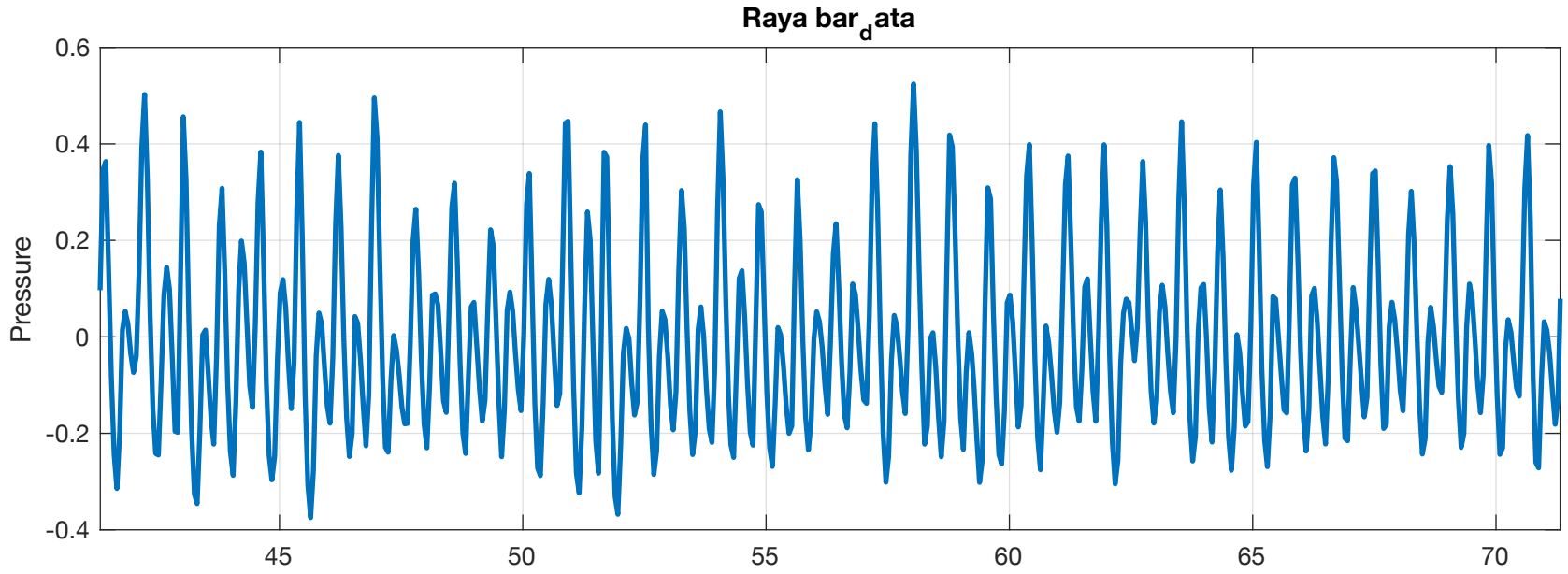
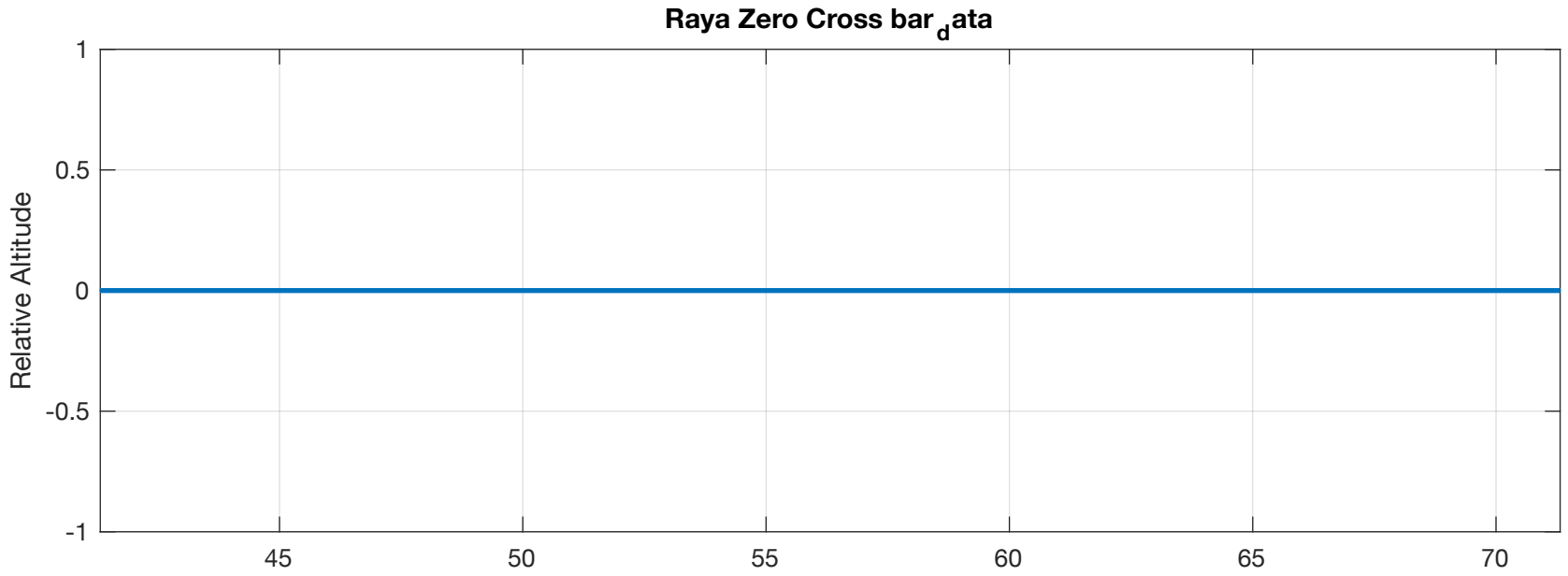

Raya accel_data
Z
20
10
0
-10
45
50
55
60
65
70
Raya accel_data
Y
40
20
0
-20
45
50
55
60
65
70
Raya accel_data
X
20
10
0
-10
-20
45
50
55
60
65
70

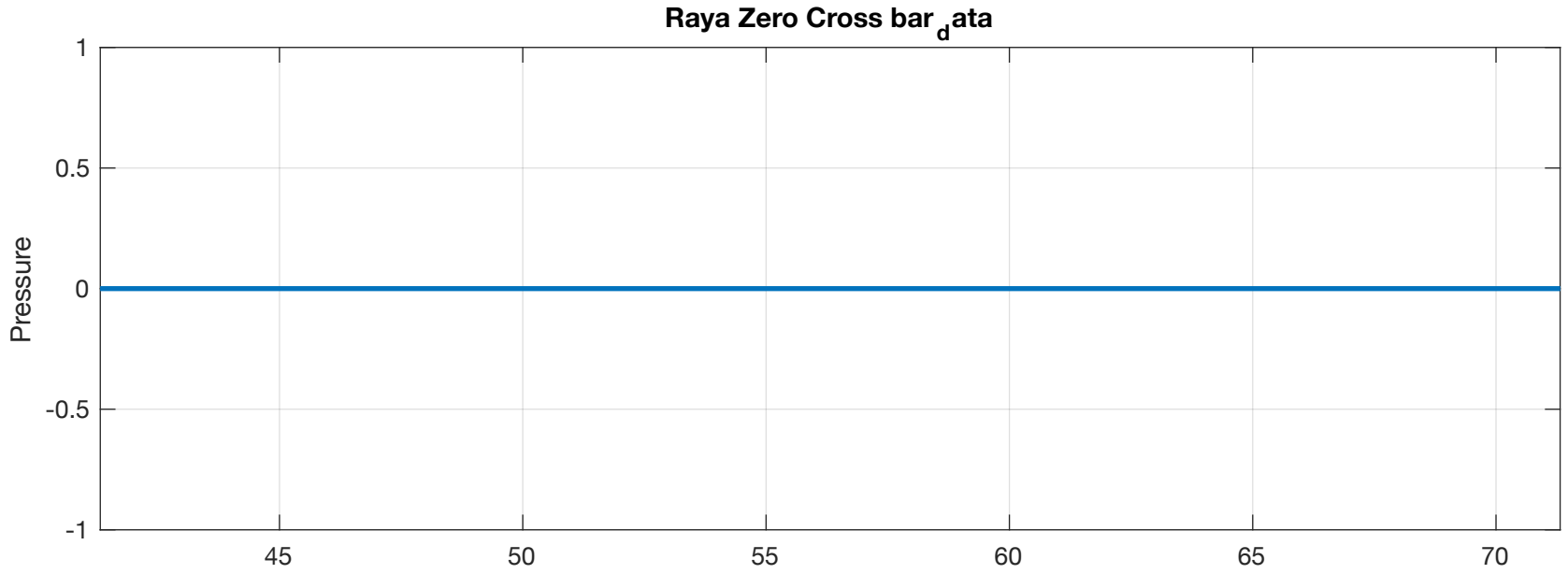

Raya Zero Cross accel_data
Z
20
10
0
-10
45
50
55
60
65
70
Raya Zero Cross accel_data
Y
40
20
0
-20
45
50
55
60
65
70
Raya Zero Cross accel_data
X
20
10
0
-10
-20
45
50
55
60
65
70

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-335.000	-271.000	73.000	53.500	"accel_data"
'Y'	-75.000	-75.000	146.000	-23.500	"accel_data"
'X'	-356.000	-282.000	65.000	71.500	"accel_data"

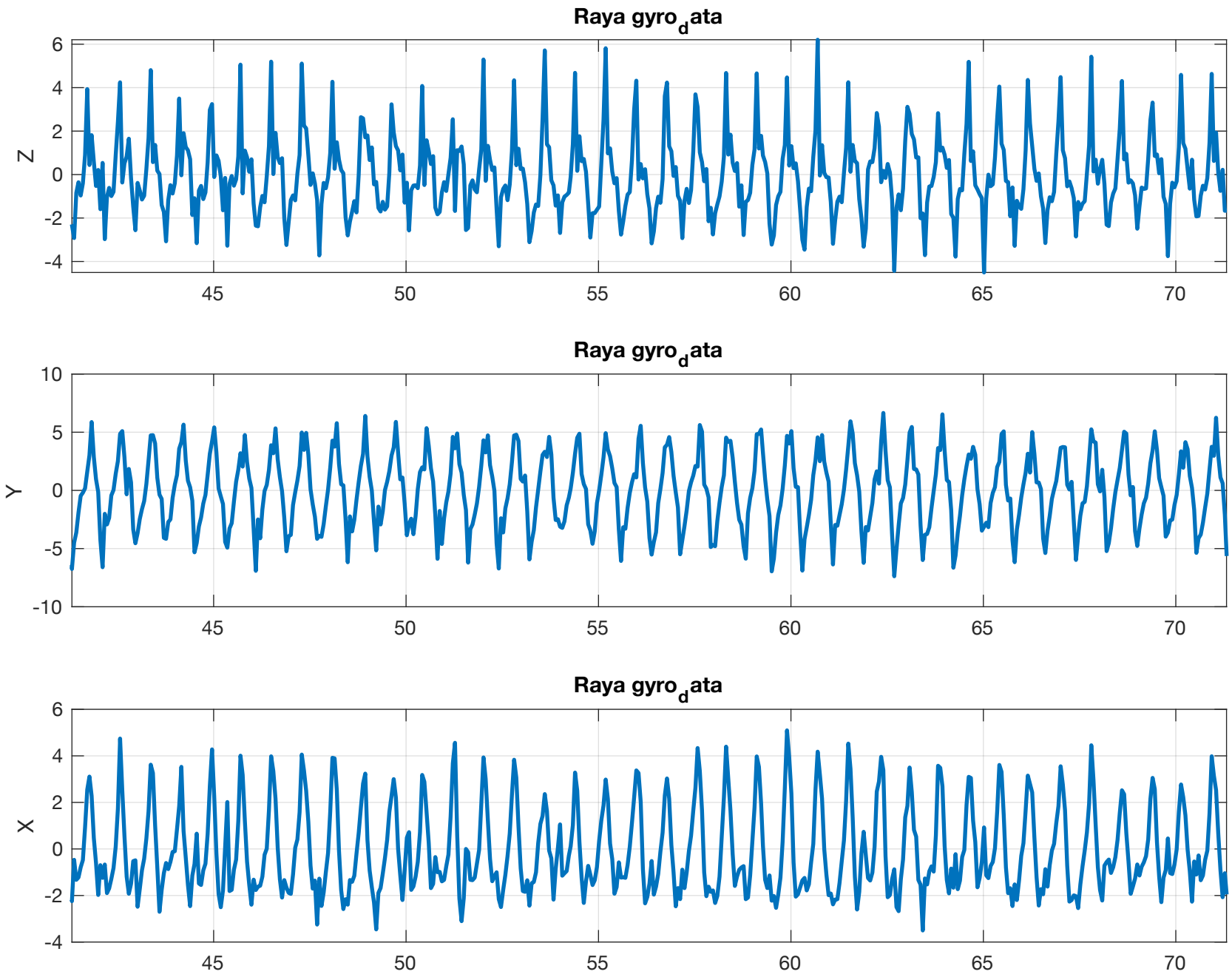

Raya bar_data
Relative Altitude
4
2
0
-2
-4
-6
45
50
55
60
65
70

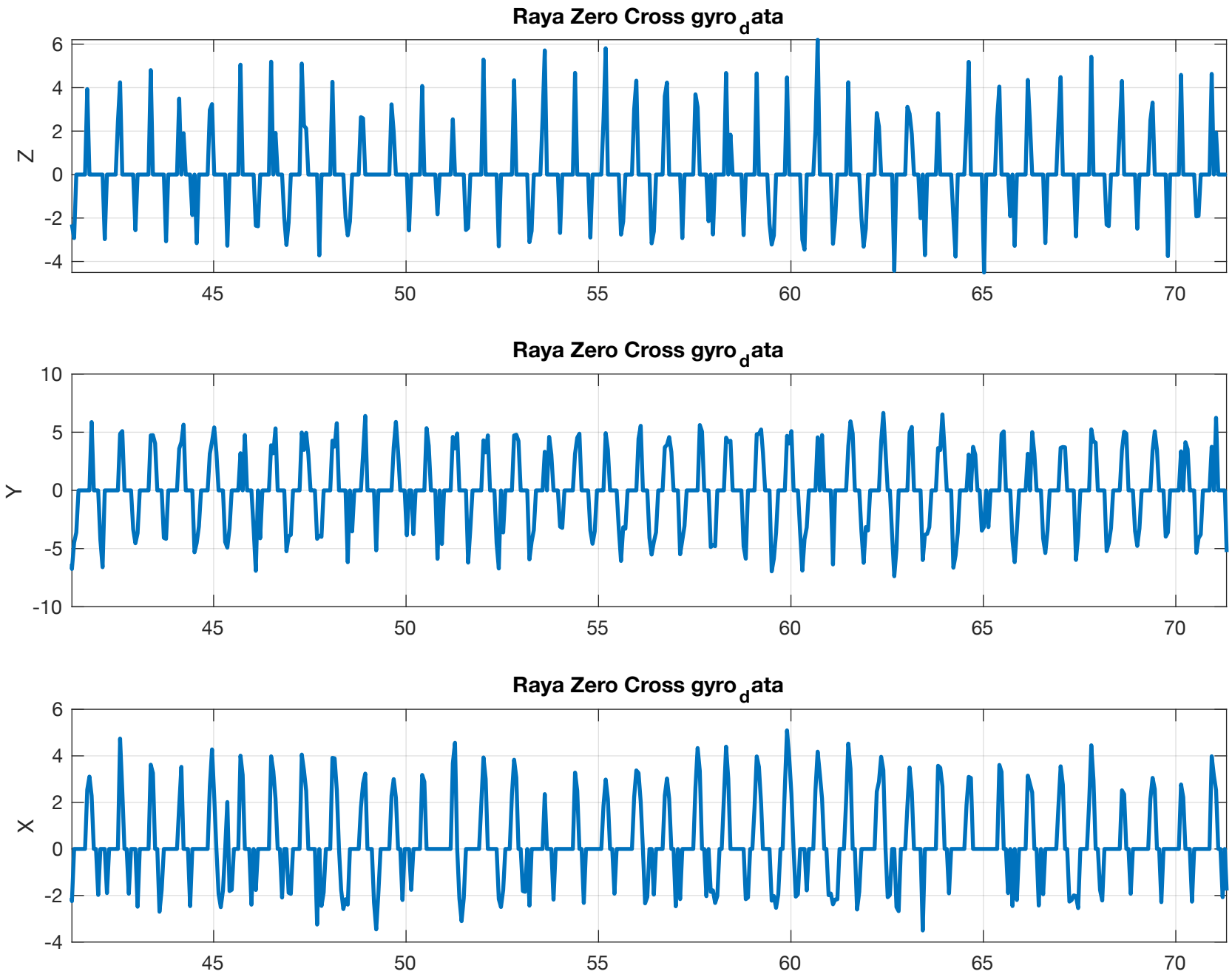

Raya bar_data
Pressure
0.6
0.4
0.2
0
-0.2
-0.4
45
50
55
60
65
70


Raya Zero Cross bar_data
Relative Altitude
1
0.5
0
-0.5
-1
45
50
55
60
65
70

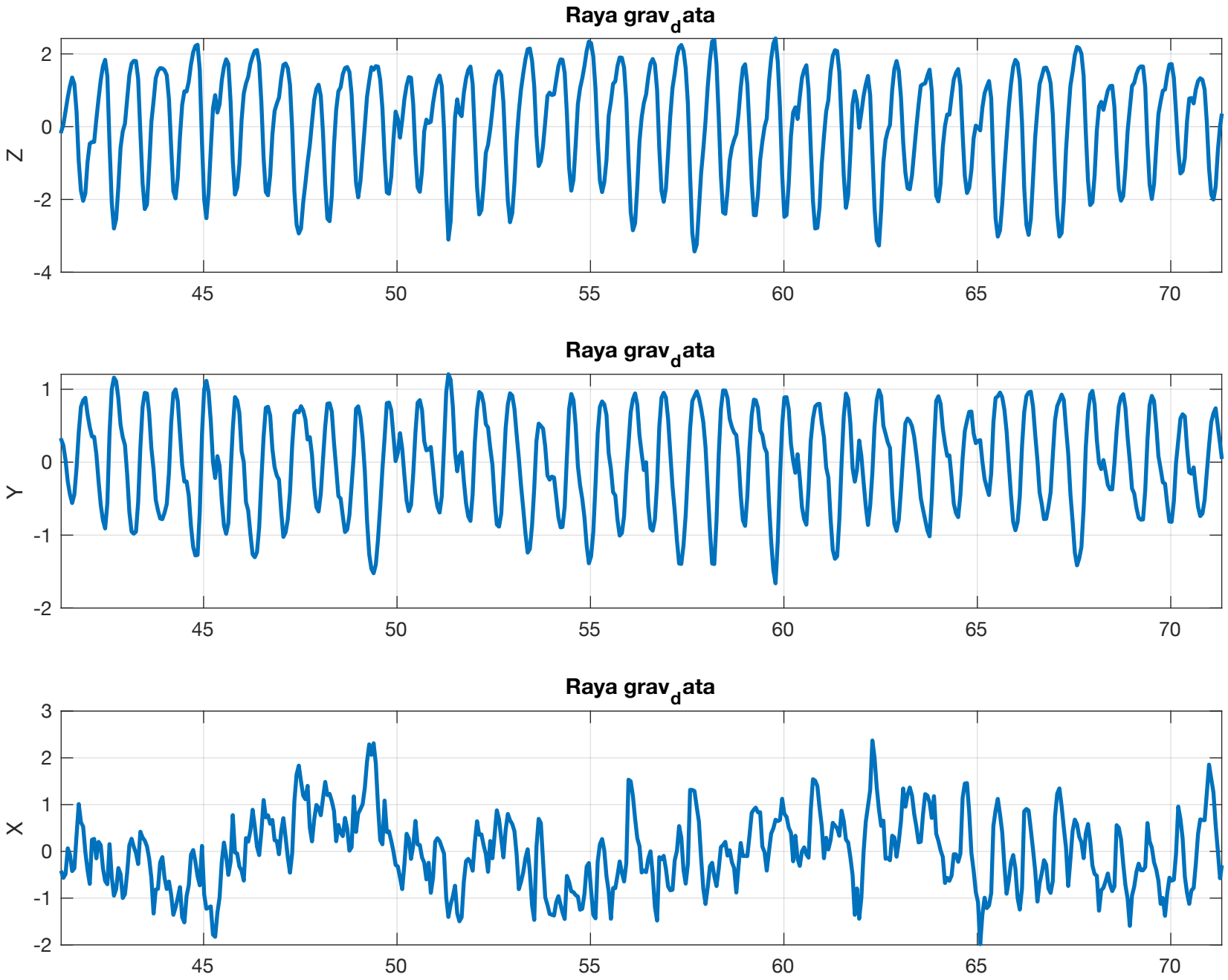

Raya Zero Cross bar_data
Pressure
1
0.5
0
-0.5
-1
45
50
55
60
65
70

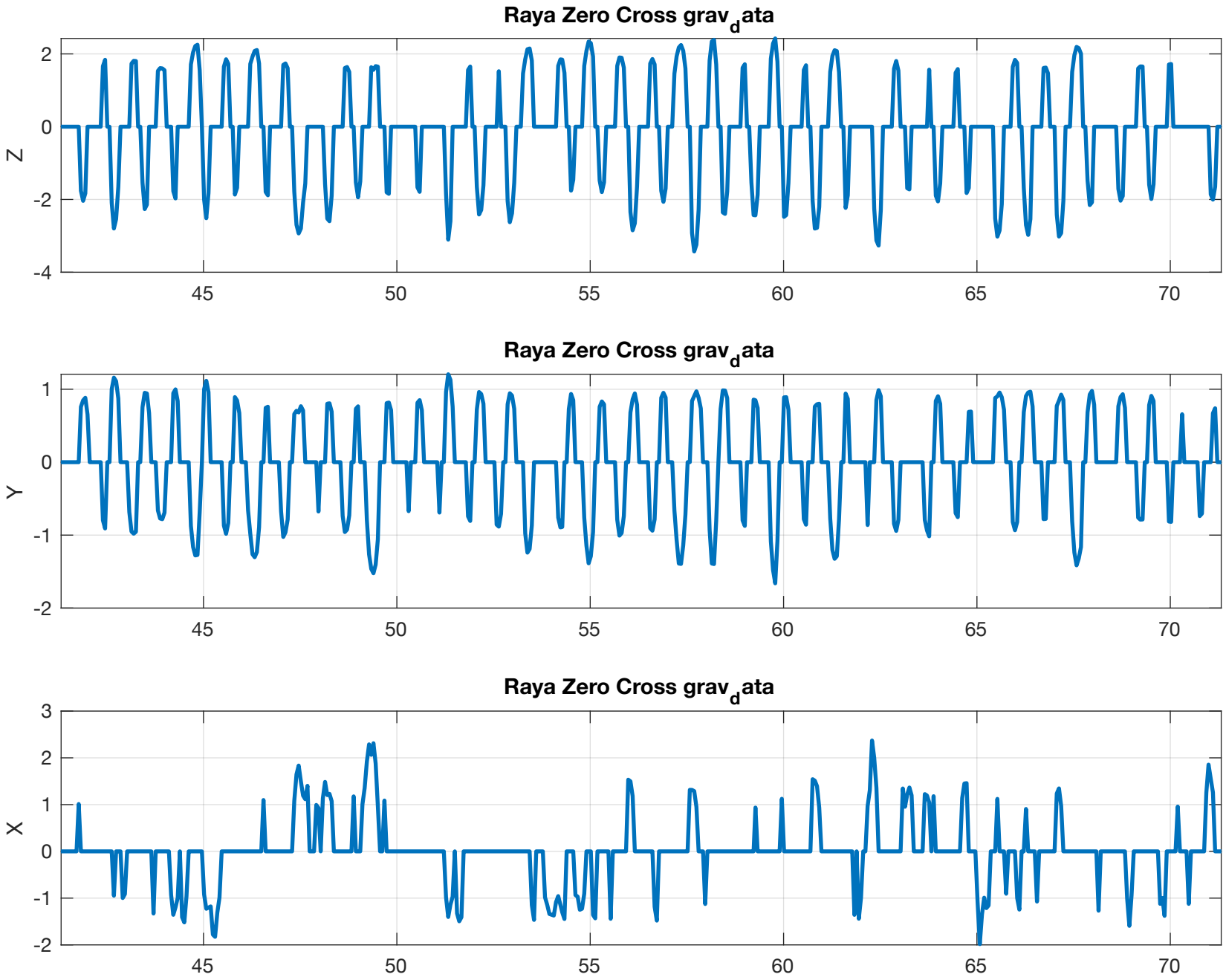
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-56.000	-55.000	134.000	300.000	"bar_data"
"Pressure"	-57.000	-36.000	123.000	300.000	"bar_data"


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

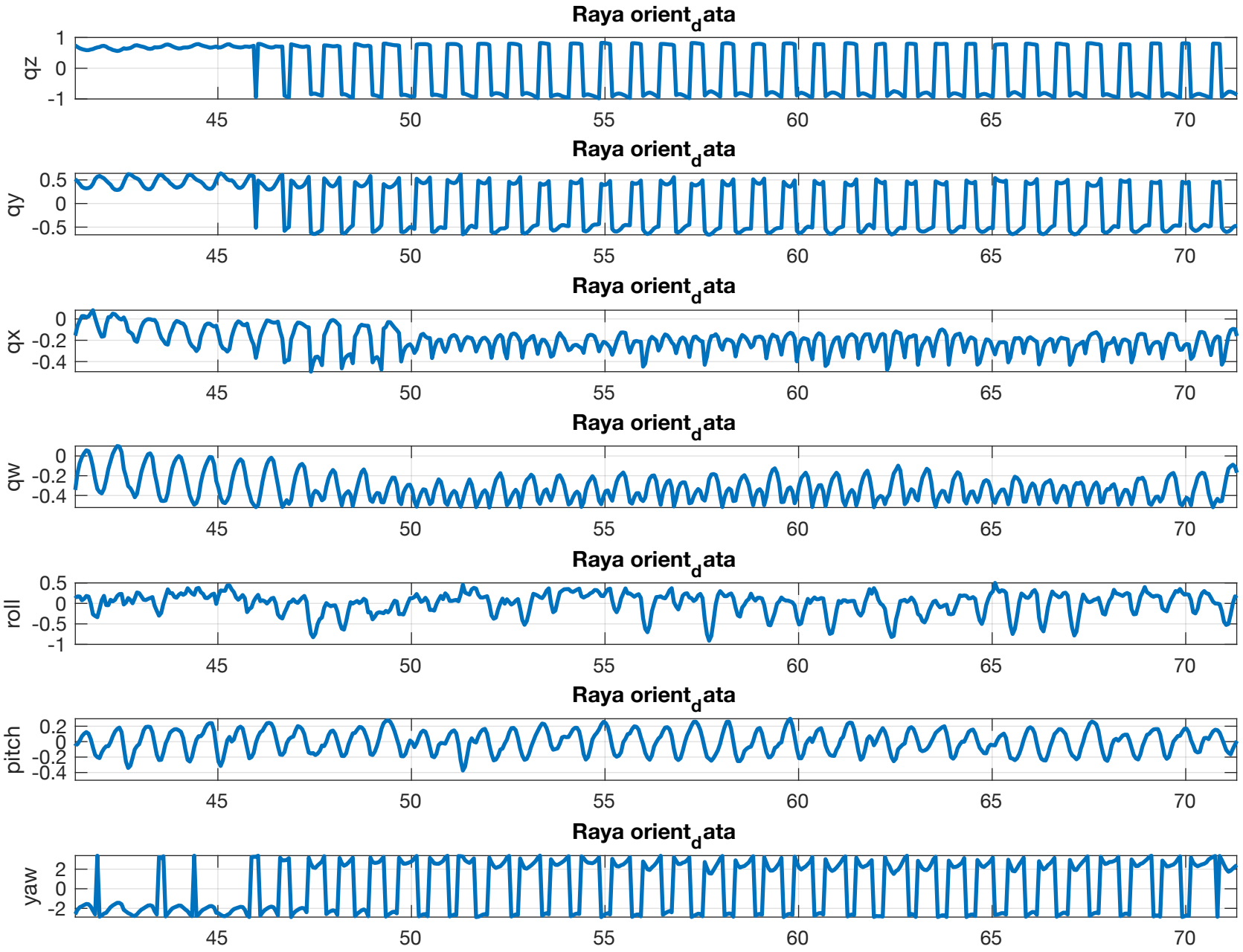

Raya Zero Cross gyro_data
Z
6
4
2
0
-2
-4
45
50
55
60
65
70
Raya Zero Cross gyro_data
Y
10
5
0
-5
-10
45
50
55
60
65
70
Raya Zero Cross gyro_data
X
6
4
2
0
-2
-4
45
50
55
60
65
70

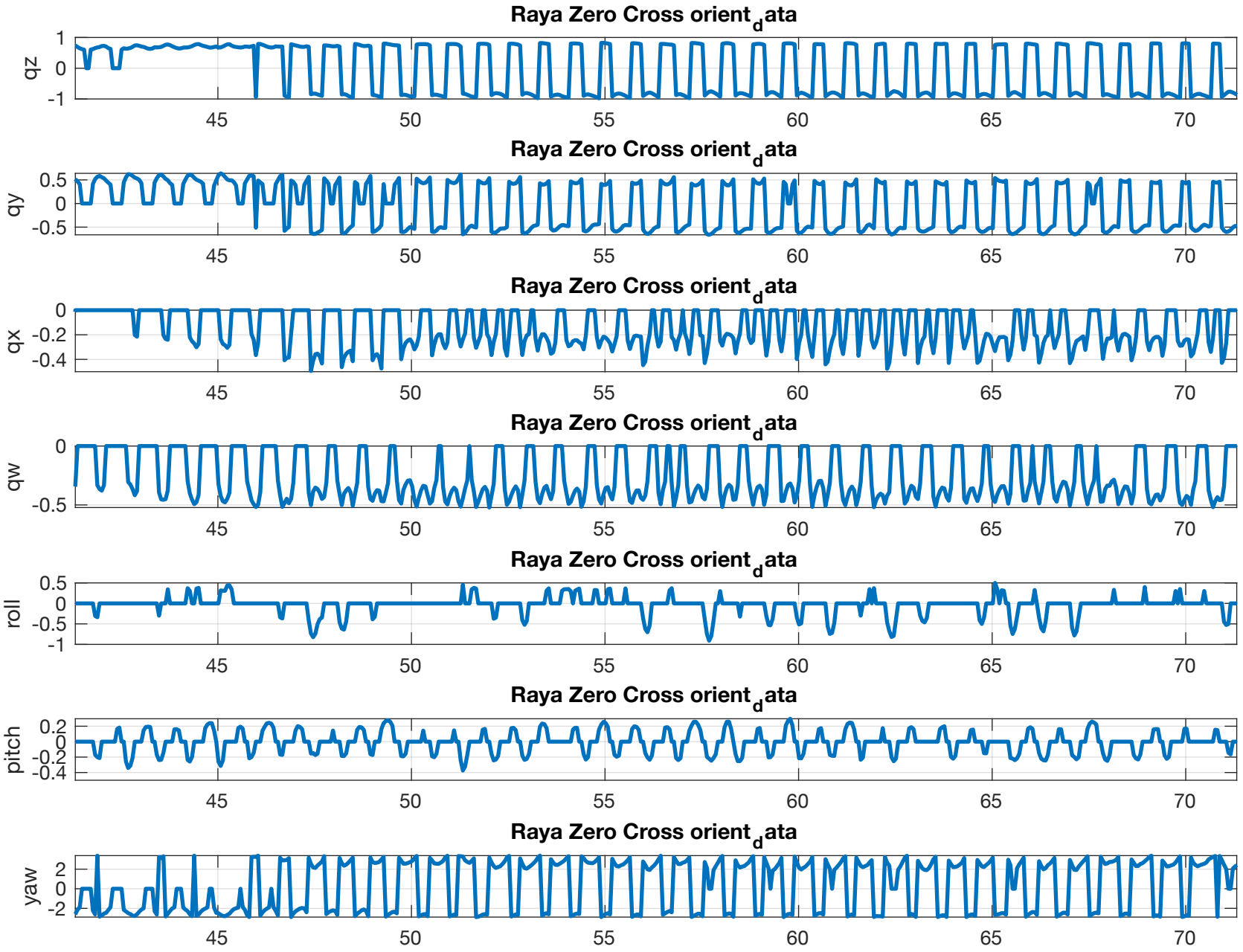
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-348.000	-131.000	118.000	104.000	"gyro_data"
'Y'	-106.000	-36.000	155.000	80.500	"gyro_data"
'X'	-126.000	64.000	132.000	93.500	"gyro_data"


Raya grav_data
Z
2
0
-2
-4
45
50
55
60
65
70
Raya grav_data
Y
1
0
-1
-2
45
50
55
60
65
70
Raya grav_data
X
3
2
1
0
-1
-2
45
50
55
60
65
70


Raya Zero Cross grav_data
Z
2
0
-2
-4
45
50
55
60
65
70
Raya Zero Cross grav_data
Y
1
0
-1
-2
45
50
55
60
65
70
Raya Zero Cross grav_data
X
3
2
1
0
-1
-2
45
50
55
60
65
70

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	64.000	72.000	216.000	157.750	"grav_data"
'Y'	41.000	73.000	213.000	150.250	"grav_data"
'X'	-169.000	-32.000	148.000	169.250	"grav_data"


Raya orient_data
qz
1
0
-1
45
50
55
60
65
70
Raya orient_data
qy
0.5
0
-0.5
45
50
55
60
65
70
Raya orient_data
qx
0
-0.2
-0.4
45
50
55
60
65
70
Raya orient_data
qw
0
-0.2
-0.4
45
50
55
60
65
70
Raya orient_data
roll
0.5
0
-0.5
-1
45
50
55
60
65
70
Raya orient_data
pitch
0.2
0
-0.2
-0.4
45
50
55
60
65
70
Raya orient_data
yaw
2
0
-2
45
50
55
60
65
70


Raya Zero Cross orientdata
qz
1
0
-1
45
50
55
60
65
70
Raya Zero Cross orientdata
qy
0.5
0
-0.5
45
50
55
60
65
70
Raya Zero Cross orientdata
qx
0
-0.2
-0.4
45
50
55
60
65
70
Raya Zero Cross orientdata
qw
0
-0.5
45
50
55
60
65
70
Raya Zero Cross orientdata
roll
0.5
0
-0.5
-1
45
50
55
60
65
70
Raya Zero Cross orientdata
pitch
0.2
0
-0.2
-0.4
45
50
55
60
65
70
Raya Zero Cross orientdata
yaw
2
0
-2
45
50
55
60
65
70

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	47.000	128.000	222.000	226.750	"orient_data"
'qy'	2.000	100.000	218.000	215.250	"orient_data"
'qx'	-2.000	119.000	223.000	209.250	"orient_data"
'qw'	40.000	151.000	247.000	221.000	"orient_data"
'roll'	-124.000	-93.000	166.000	189.750	"orient_data"
'pitch'	42.000	74.000	215.000	152.750	"orient_data"
'yaw'	-2.000	115.000	219.000	203.250	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Y"	'zero_cross'	23.500
'bar_data'	"Pressure"	'findpeaks_above_zero'	36.000
'gyro_data'	"Y"	'findpeaks_above_zero'	36.000
'grav_data'	"X"	'findpeaks_above_zero'	32.000
'orient_data'	"qy"	'findpeaks'	2.000