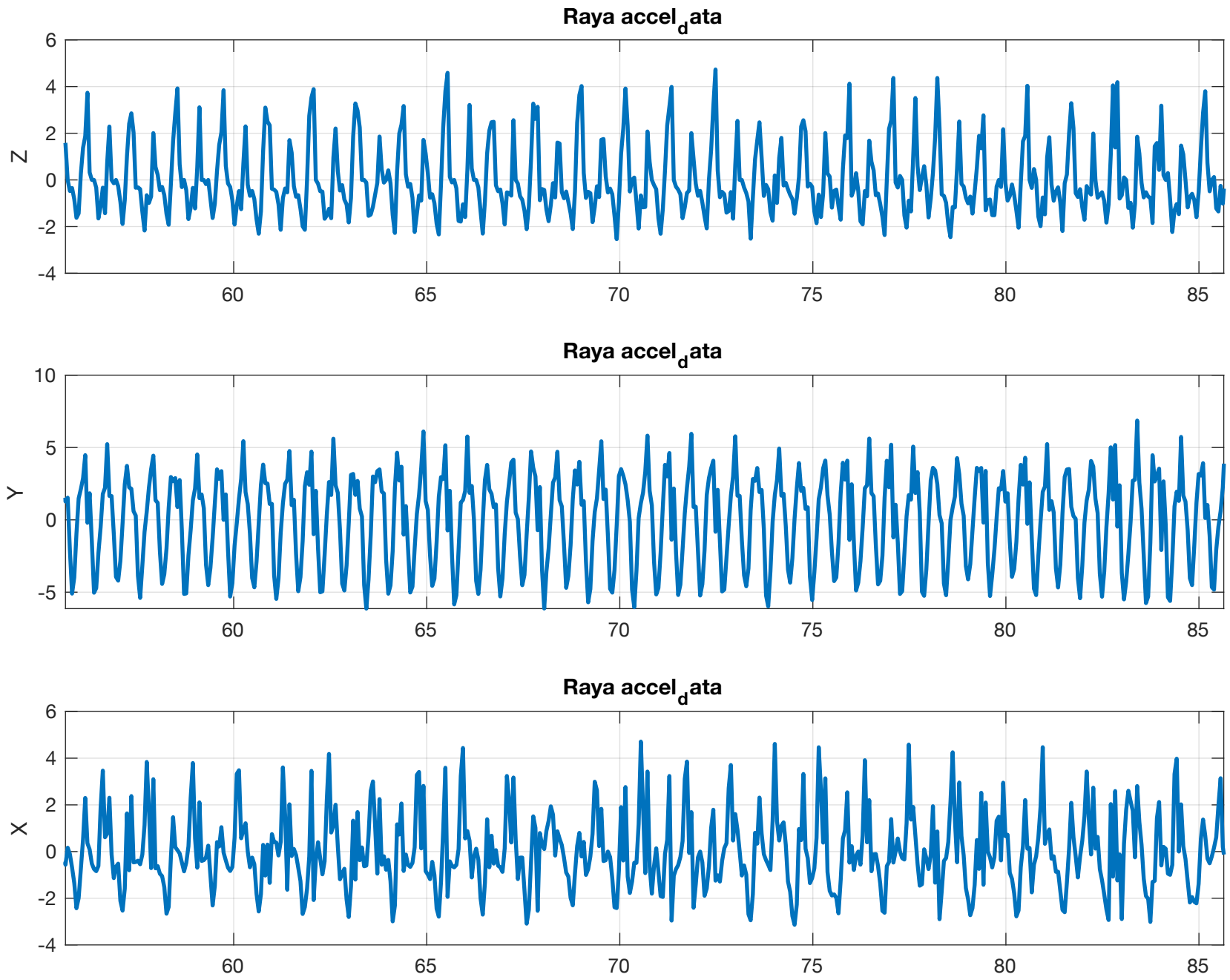
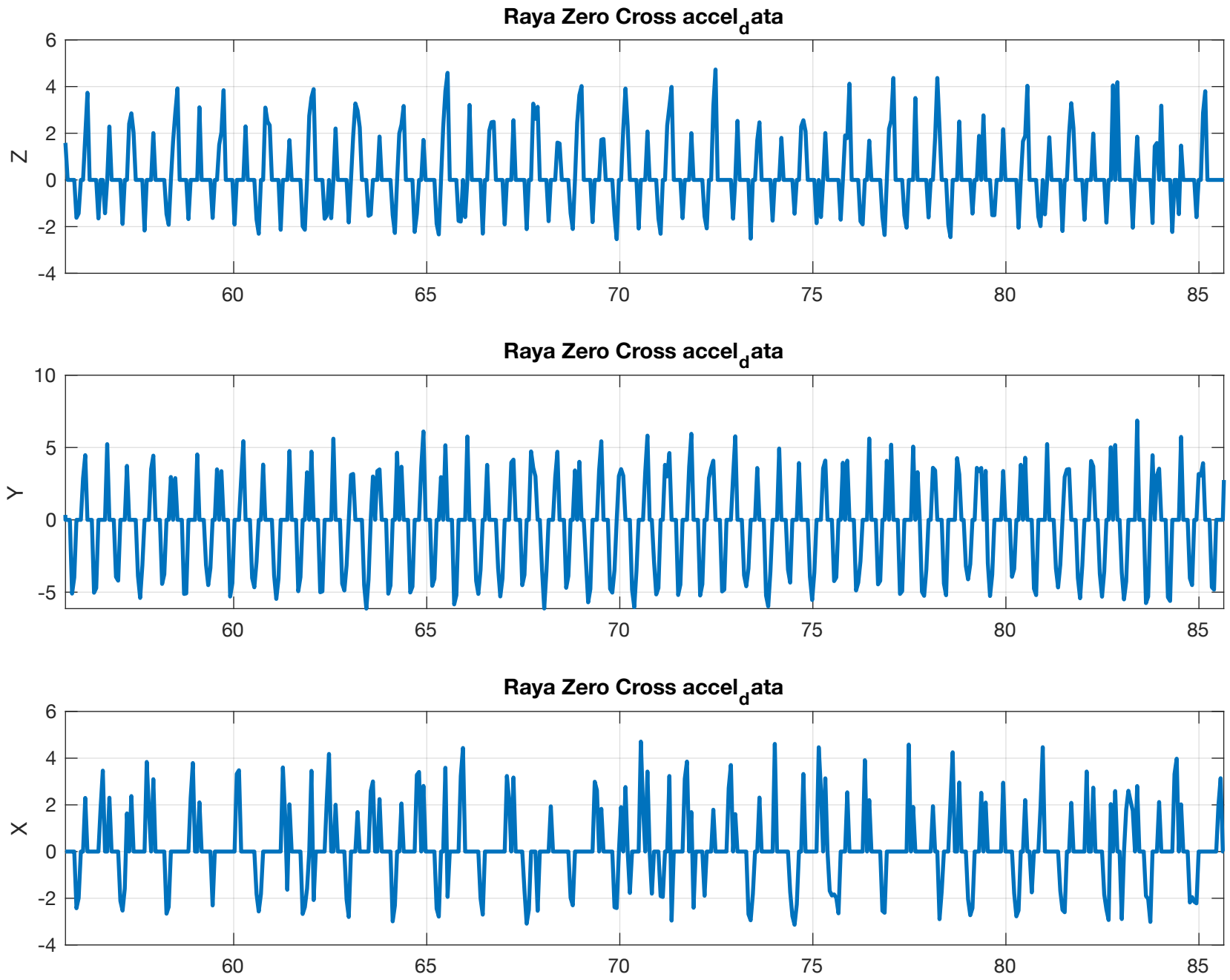
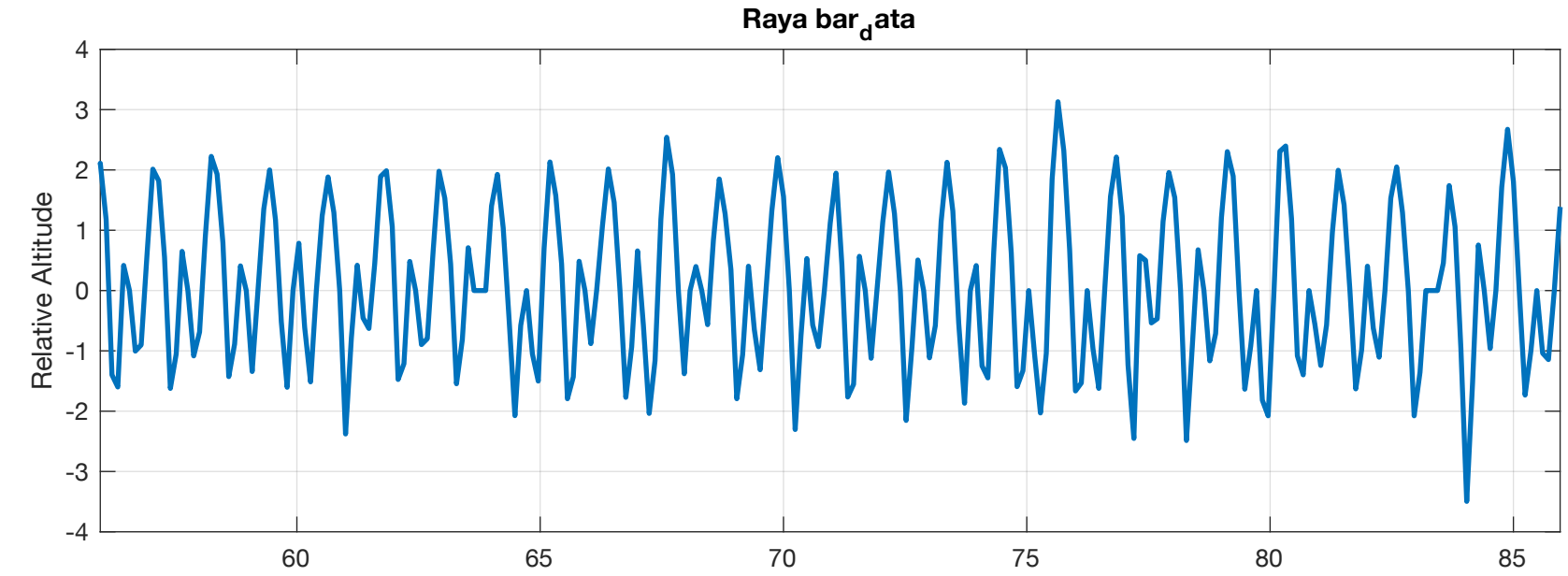
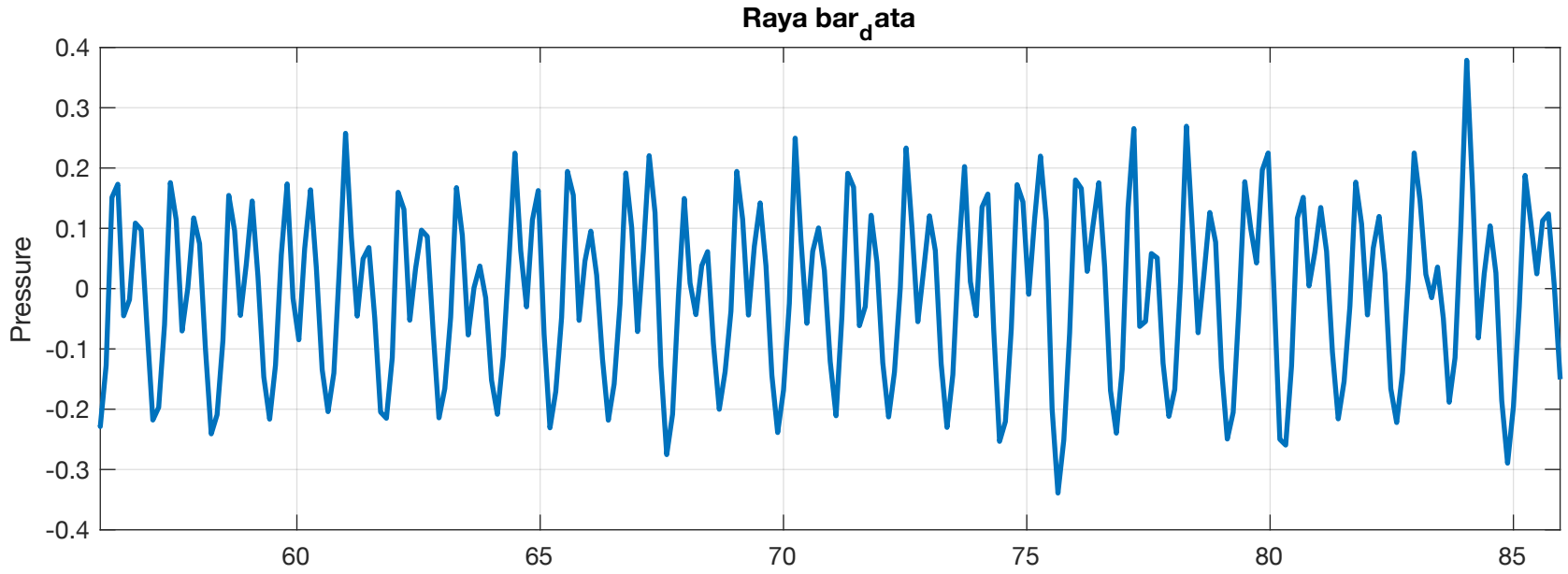
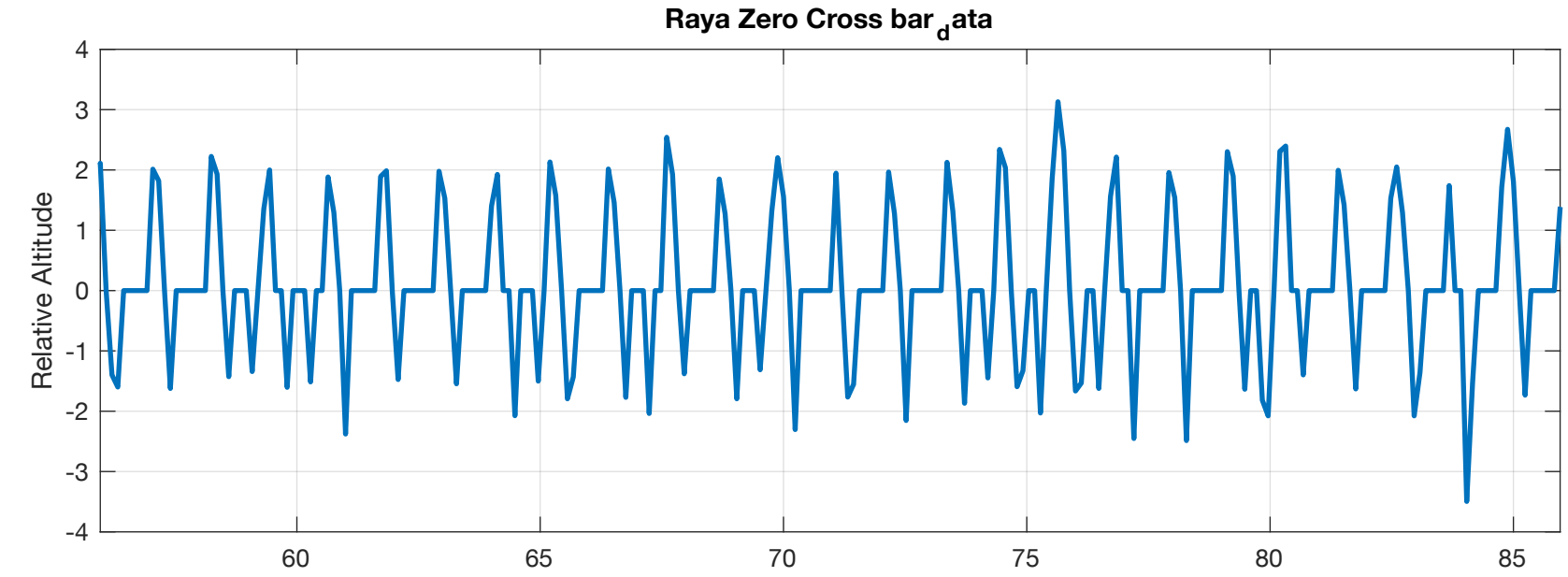

Raya accel_data
Z
6
4
2
0
-2
-4
60
65
70
75
80
85
Raya accel_data
Y
10
5
0
-5
60
65
70
75
80
85
Raya accel_data
X
6
4
2
0
-2
-4
60
65
70
75
80
85

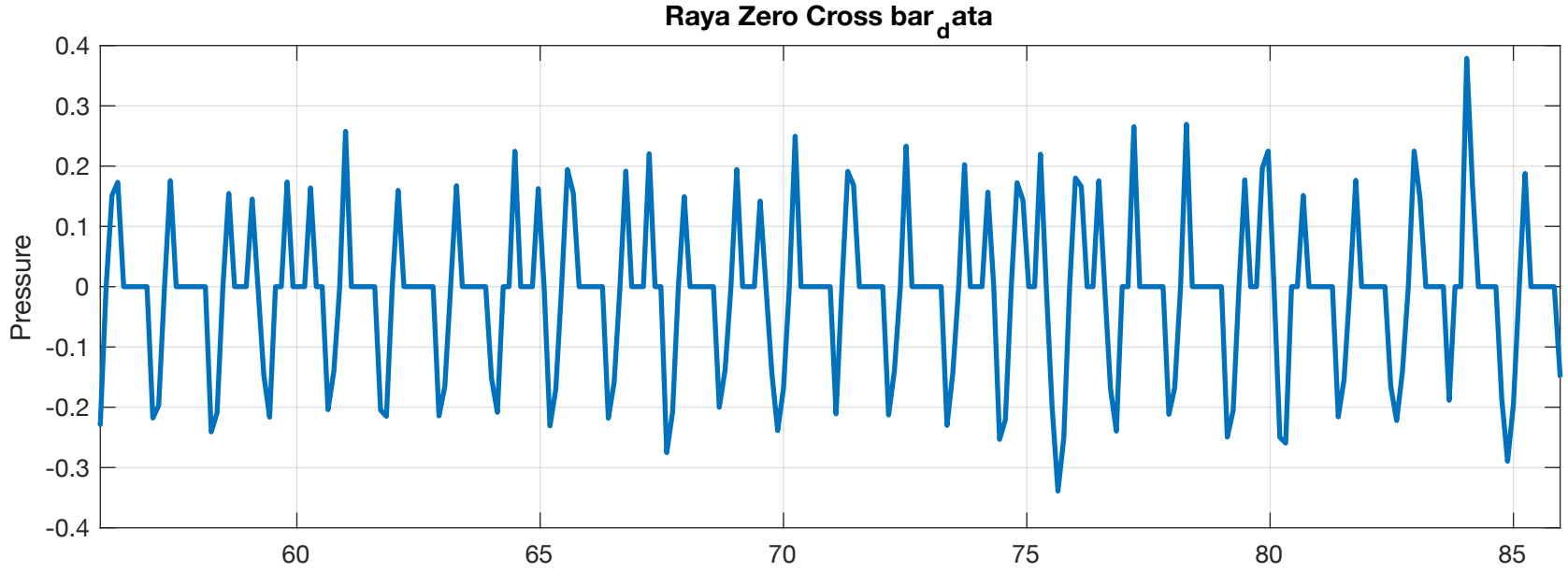

Raya Zero Cross accel_data
Z
6
4
2
0
-2
-4
60
65
70
75
80
85
Raya Zero Cross accel_data
Y
10
5
0
-5
60
65
70
75
80
85
Raya Zero Cross accel_data
X
6
4
2
0
-2
-4
60
65
70
75
80
85

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-433.000	-117.000	23.000	8.500	"accel_data"
'Y'	-311.000	-303.000	59.000	-27.000	"accel_data"
'X'	-449.000	-311.000	57.000	15.500	"accel_data"

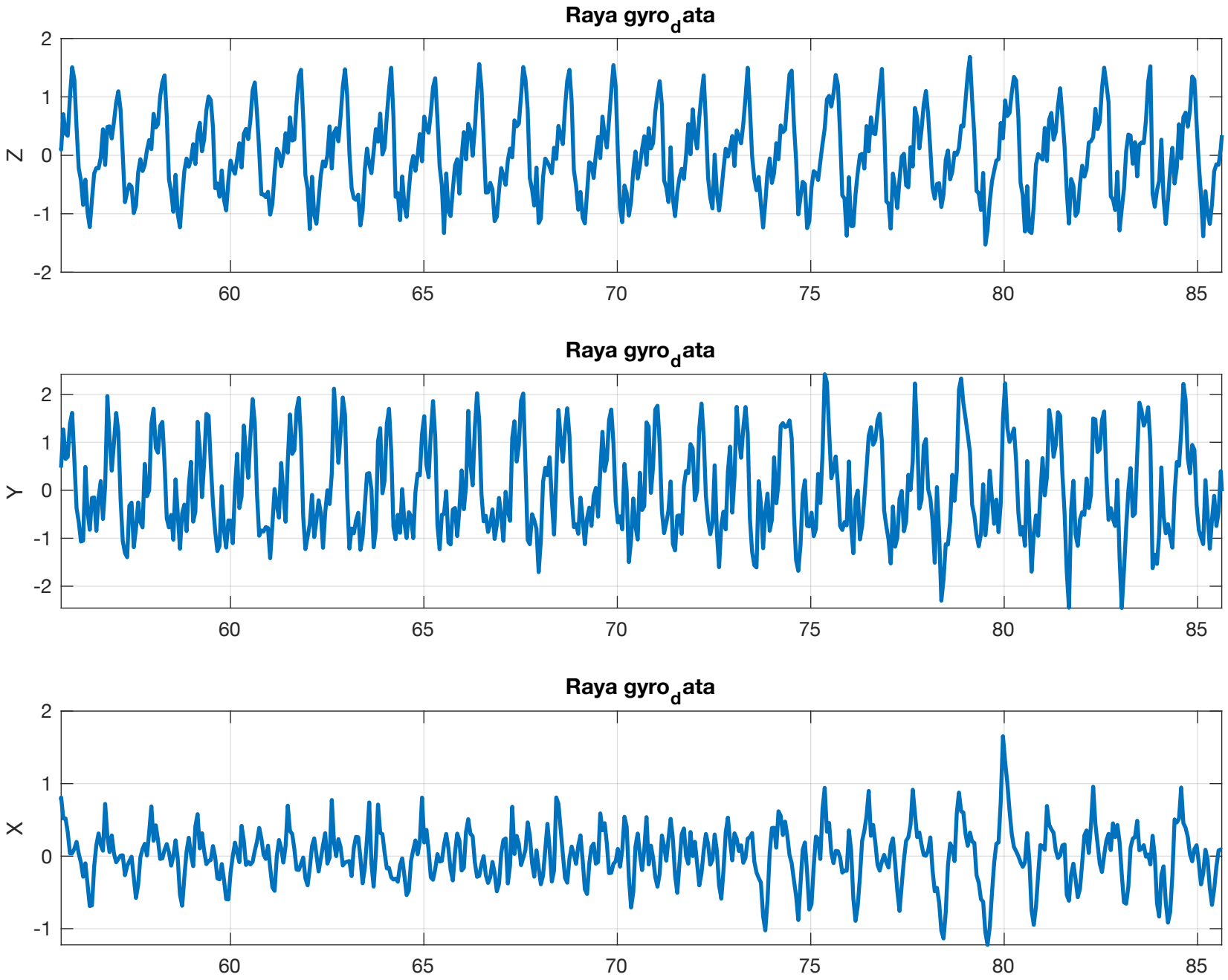

Raya bar_data
Relative Altitude
4
3
2
1
0
-1
-2
-3
-4
60
65
70
75
80
85

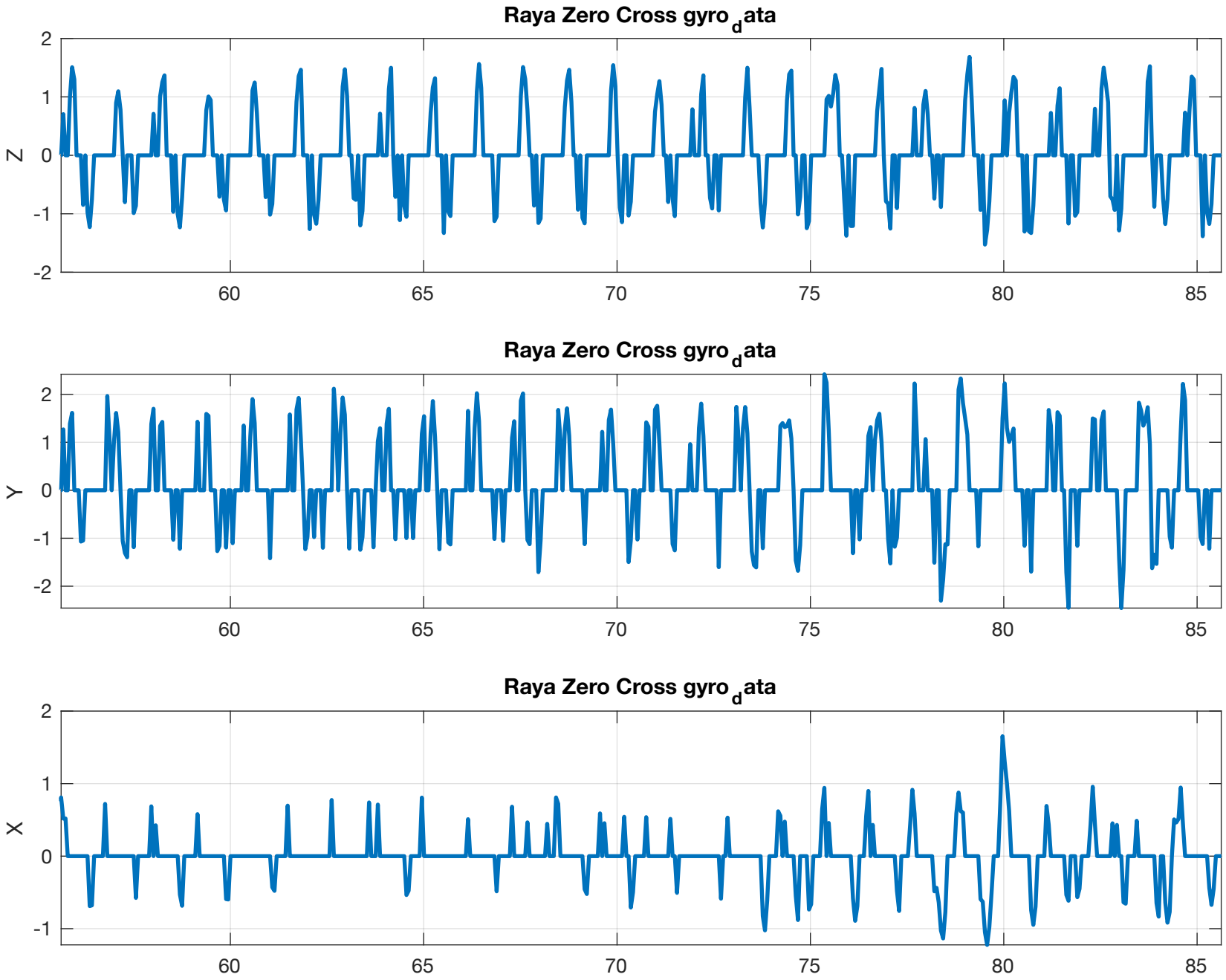

Raya bar_data
Pressure
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
-0.4
60
65
70
75
80
85


Raya Zero Cross bar_data
Relative Altitude
4
3
2
1
0
-1
-2
-3
-4
60
65
70
75
80
85

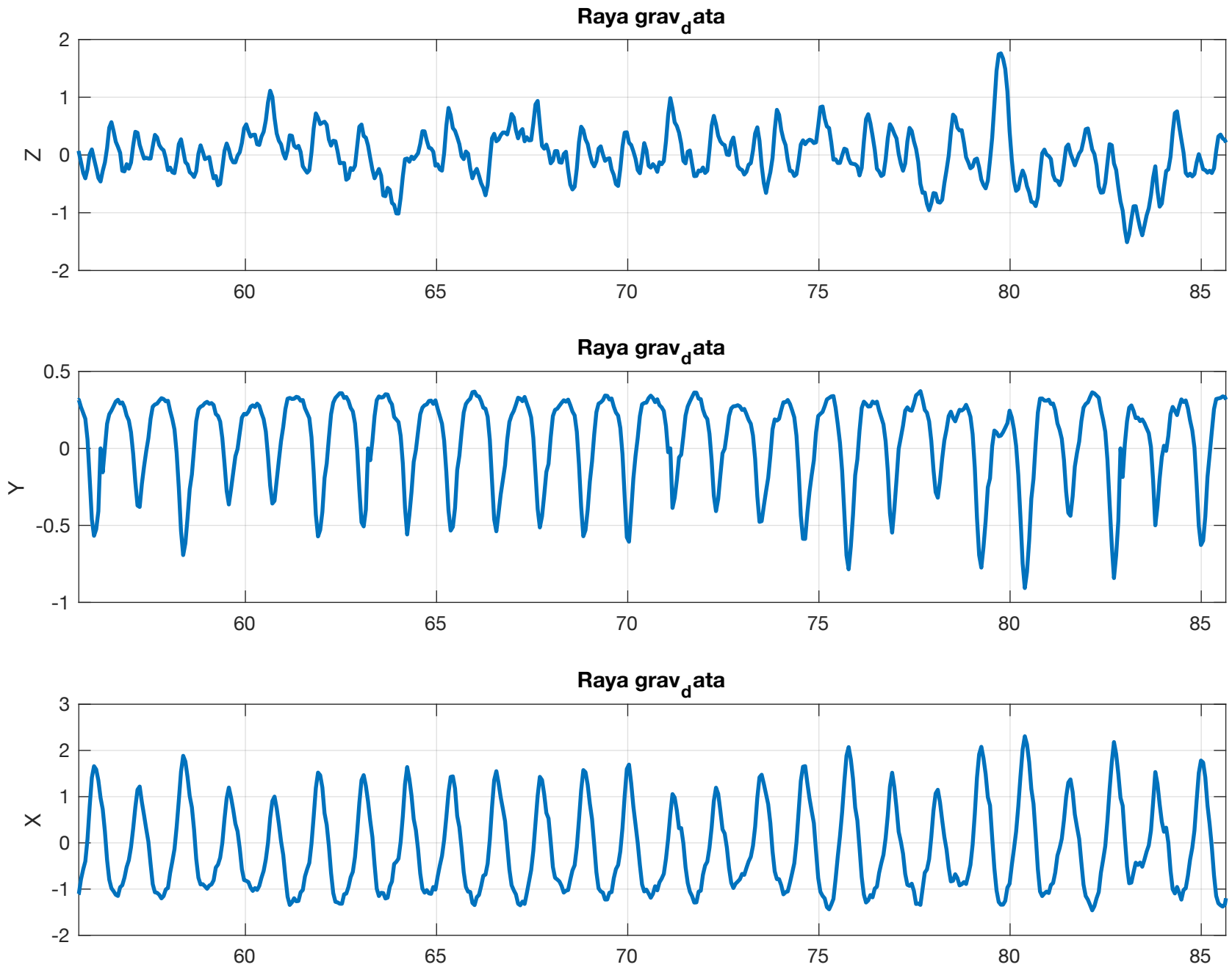

Raya Zero Cross bar_data
Pressure
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
-0.4
60
65
70
75
80
85

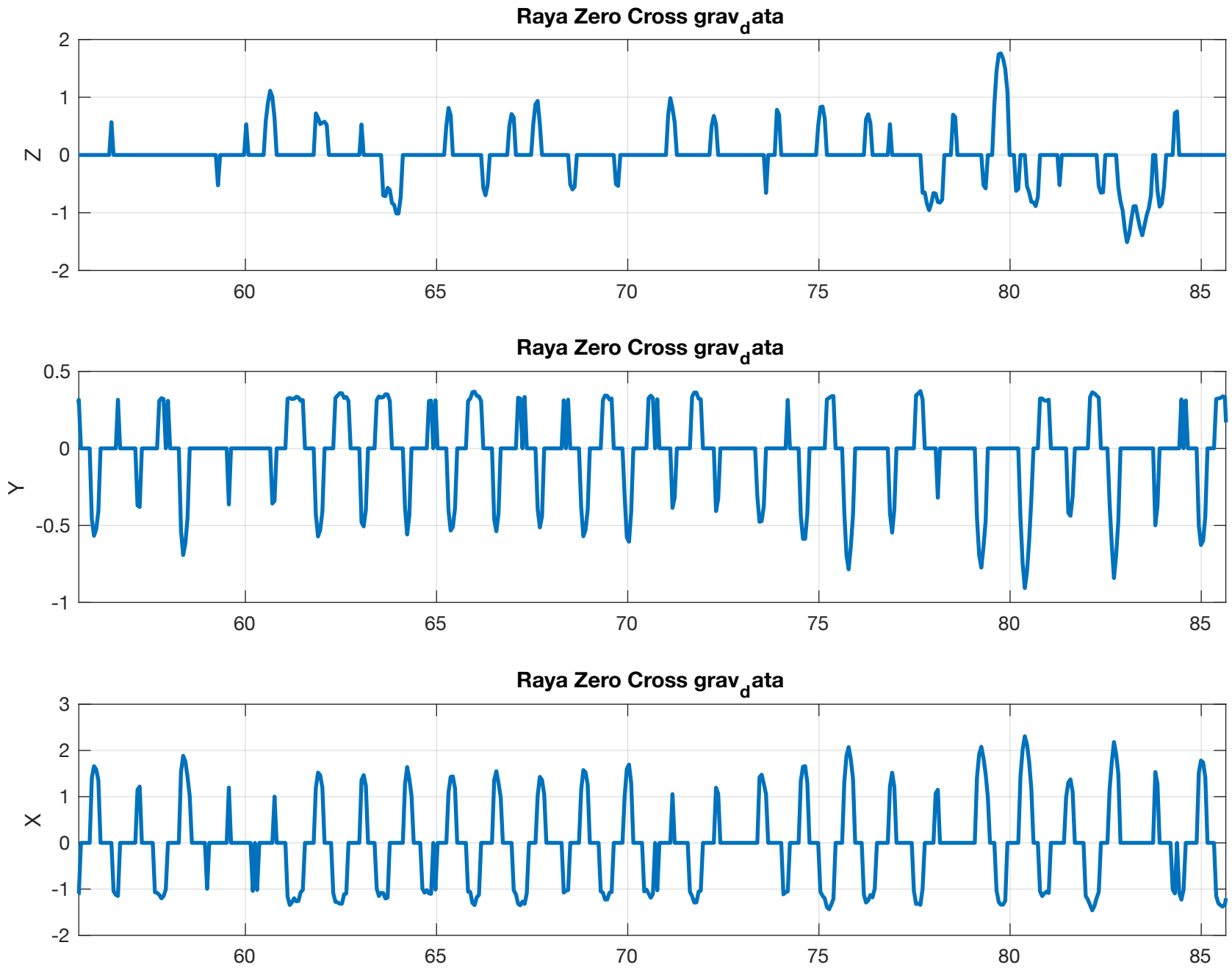
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	2.000	92.000	154.000	119.500	"bar_data"
"Pressure"	-1.000	-1.000	184.000	119.500	"bar_data"


Raya gyro_data
Z
2
1
0
-1
-2
60
65
70
75
80
85
Raya gyro_data
Y
2
1
0
-1
-2
60
65
70
75
80
85
Raya gyro_data
X
2
1
0
-1
60
65
70
75
80
85

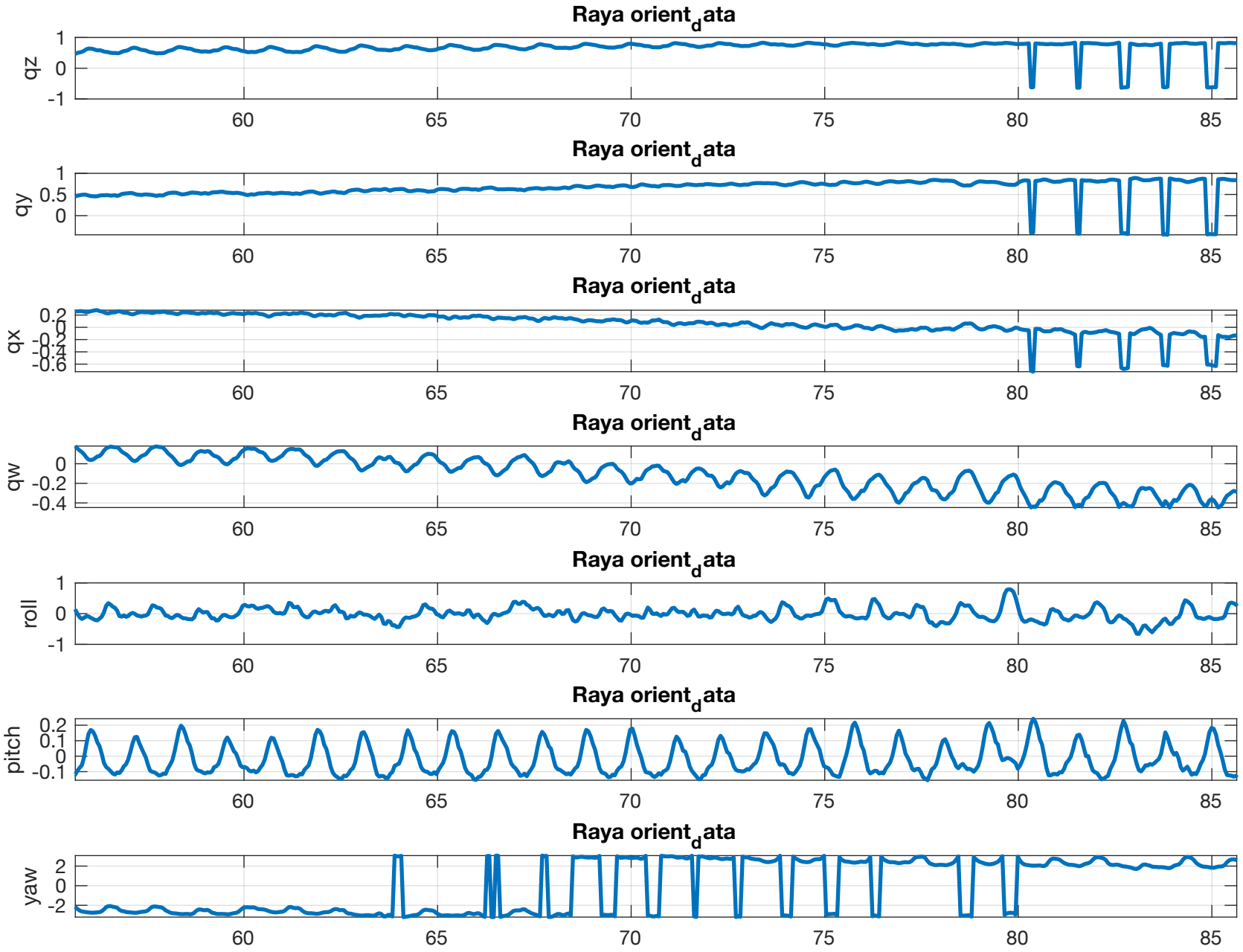

Raya Zero Cross gyro_data
Z
2
1
0
-1
-2
60
65
70
75
80
85
Raya Zero Cross gyro_data
Y
2
1
0
-1
-2
60
65
70
75
80
85
Raya Zero Cross gyro_data
X
2
1
0
-1
60
65
70
75
80
85

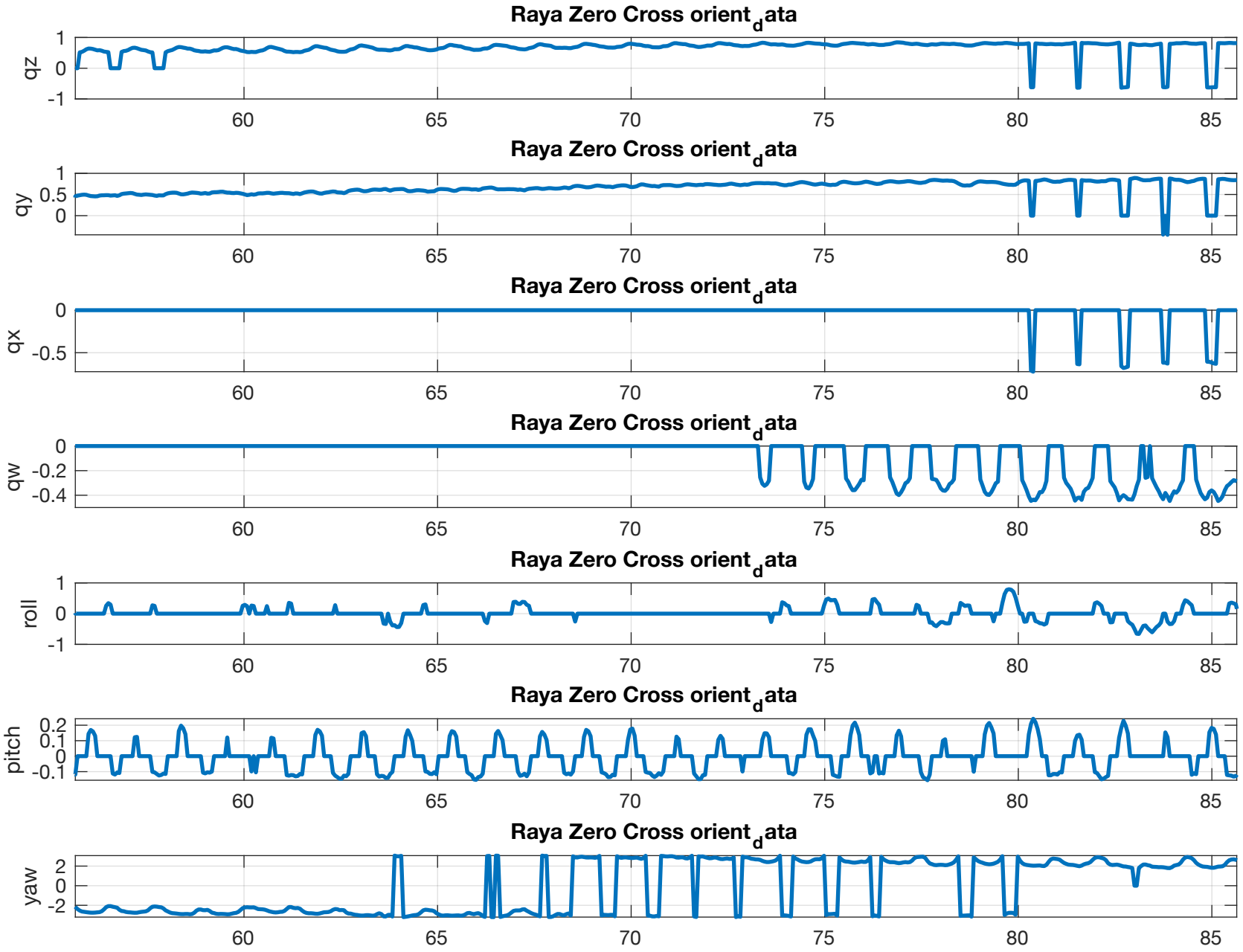
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-452.000	-174.000	138.000	47.500	"gyro_data"
'Y'	-465.000	-233.000	122.000	4.500	"gyro_data"
'X'	-352.000	-236.000	121.000	109.500	"gyro_data"


Raya grav_data
Z
2
1
0
-1
-2
60
65
70
75
80
85
Raya grav_data
Y
0.5
0
-0.5
-1
60
65
70
75
80
85
Raya grav_data
X
3
2
1
0
-1
-2
60
65
70
75
80
85


Raya Zero Cross grav_data
Z
2
1
0
-1
-2
60
65
70
75
80
85
Raya Zero Cross grav_data
Y
0.5
0
-0.5
-1
60
65
70
75
80
85
Raya Zero Cross grav_data
X
3
2
1
0
-1
-2
60
65
70
75
80
85

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-95.000	21.000	168.000	184.750	"grav_data"
'Y'	-40.000	-11.000	197.000	180.000	"grav_data"
'X'	48.000	140.000	215.000	166.000	"grav_data"


Raya orient_data
qz
1
0
-1
60
65
70
75
80
85
Raya orient_data
qy
1
0.5
0
60
65
70
75
80
85
Raya orient_data
qx
0.2
0
-0.2
-0.4
-0.6
60
65
70
75
80
85
Raya orient_data
qw
0
-0.2
-0.4
60
65
70
75
80
85
Raya orient_data
roll
1
0
-1
60
65
70
75
80
85
Raya orient_data
pitch
0.2
0.1
0
-0.1
60
65
70
75
80
85
Raya orient_data
yaw
2
0
-2
60
65
70
75
80
85


Raya Zero Cross orientdata
qz
1
0
-1
60
65
70
75
80
85
Raya Zero Cross orientdata
qy
1
0.5
0
60
65
70
75
80
85
Raya Zero Cross orientdata
qx
0
-0.5
60
65
70
75
80
85
Raya Zero Cross orientdata
qw
0
-0.2
-0.4
60
65
70
75
80
85
Raya Zero Cross orientdata
roll
1
0
-1
60
65
70
75
80
85
Raya Zero Cross orientdata
pitch
0.2
0.1
0
-0.1
60
65
70
75
80
85
Raya Zero Cross orientdata
yaw
2
0
-2
60
65
70
75
80
85

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	15.000	132.000	223.000	260.000	"orient_data"
'qy'	-153.000	51.000	203.000	260.000	"orient_data"
'qx'	-156.000	58.000	227.000	259.250	"orient_data"
'qw'	3.000	114.000	233.000	252.500	"orient_data"
'roll'	-105.000	70.000	156.000	196.750	"orient_data"
'pitch'	-18.000	136.000	176.000	171.000	"orient_data"
'yaw'	19.000	141.000	239.000	256.250	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Z"	'zero_cross'	8.500
'bar_data'	"Pressure"	'findpeaks'	1.000
'gyro_data'	"Y"	'zero_cross'	4.500
'grav_data'	"Y"	'findpeaks_above_zero'	11.000
'orient_data'	"qw"	'findpeaks'	3.000