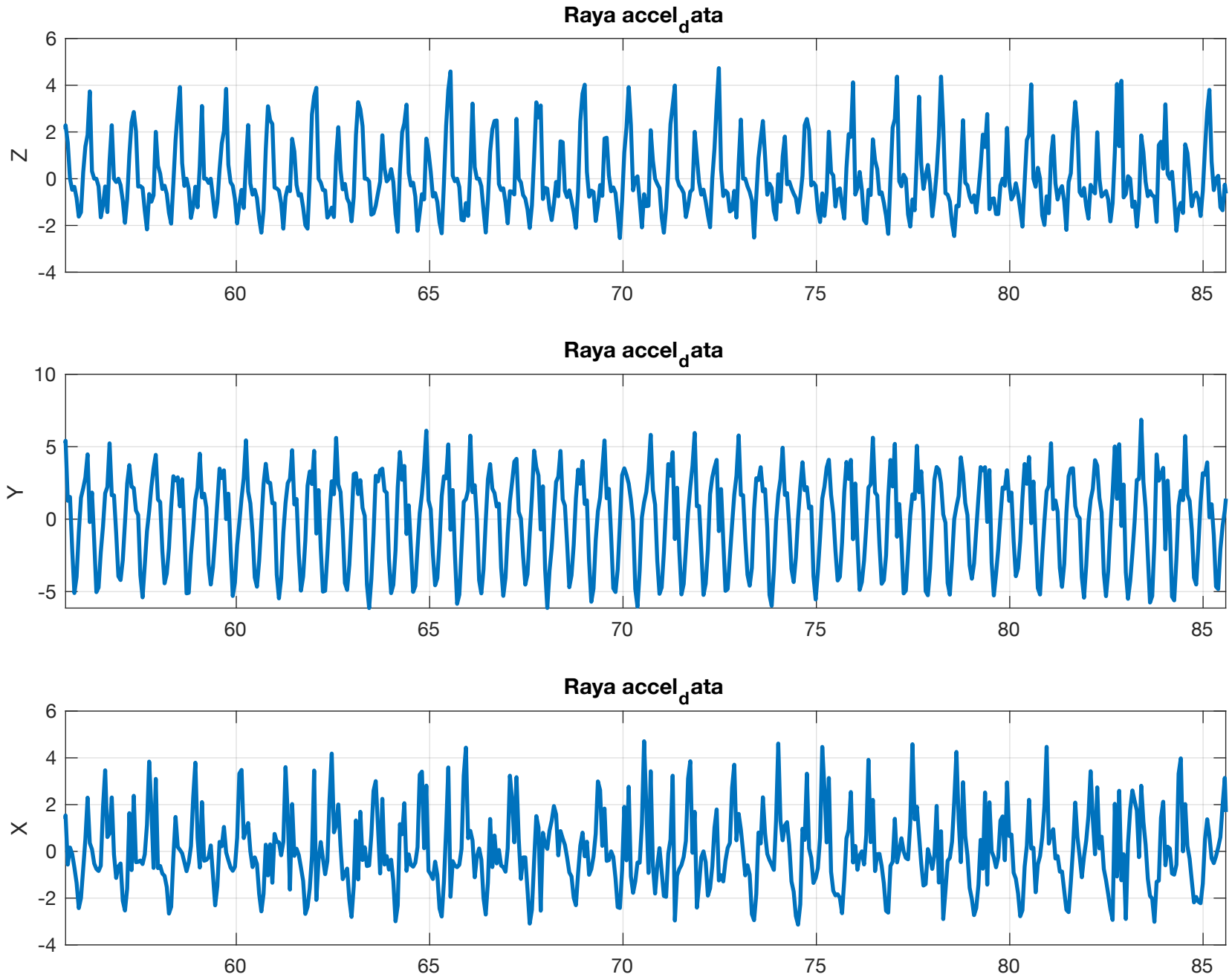
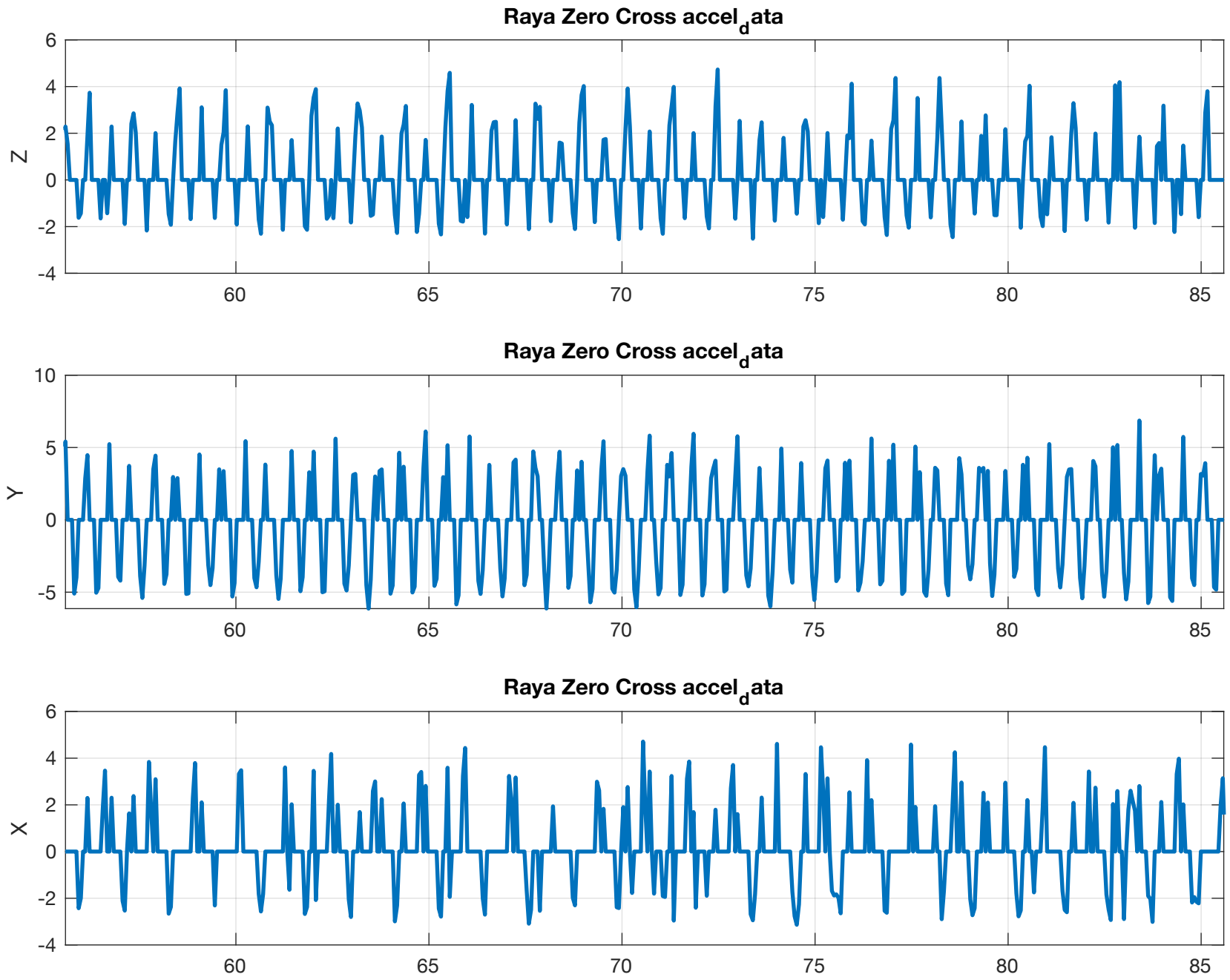
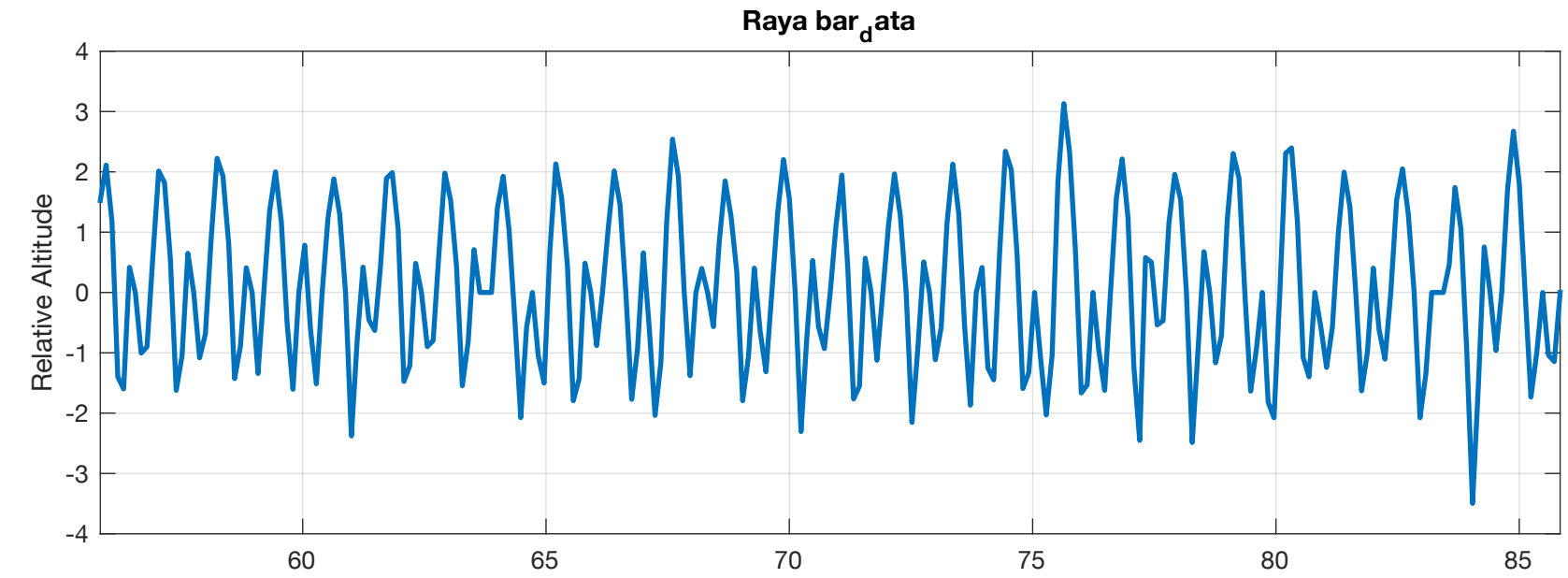
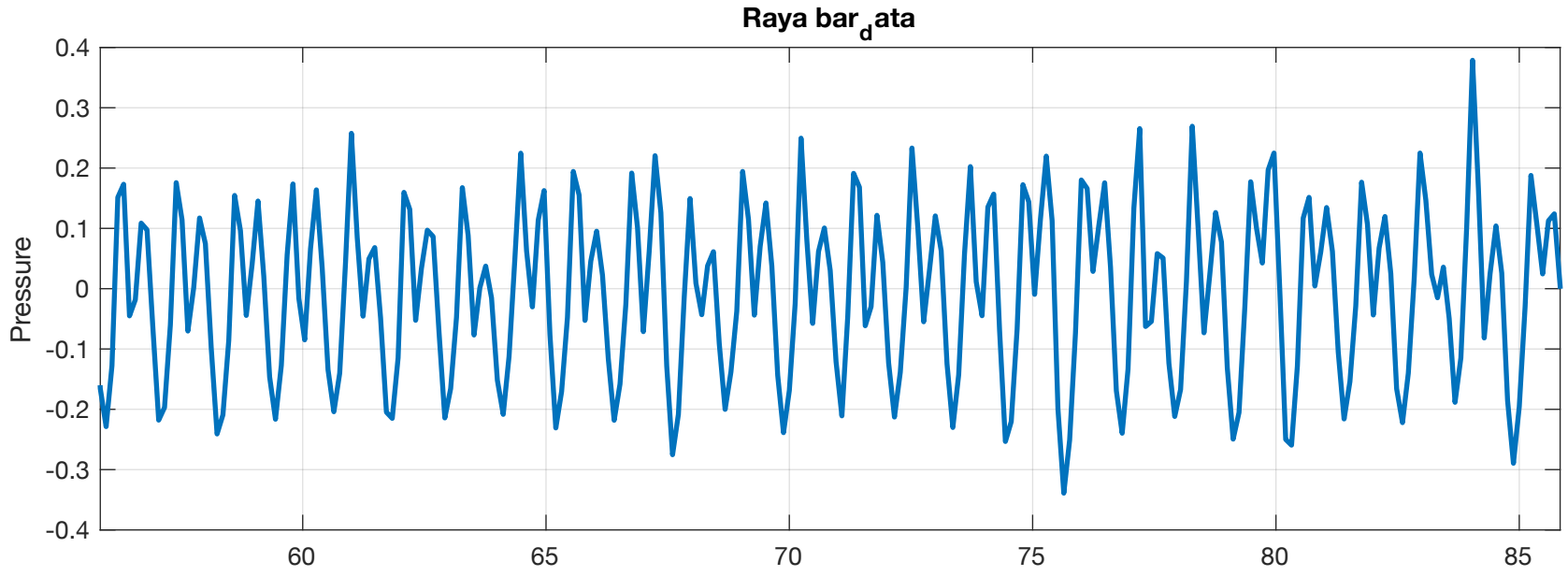
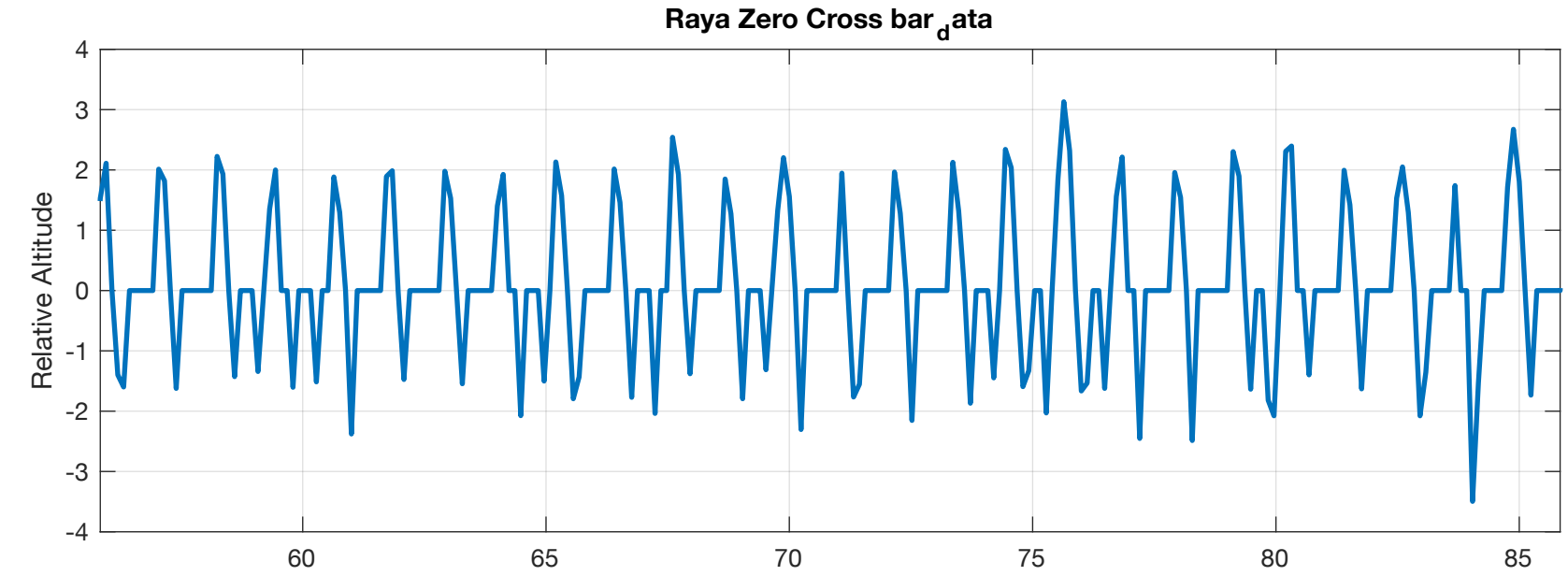

Raya accel_data
Z
6
4
2
0
-2
-4
60
65
70
75
80
85
Raya accel_data
Y
10
5
0
-5
60
65
70
75
80
85
Raya accel_data
X
6
4
2
0
-2
-4
60
65
70
75
80
85

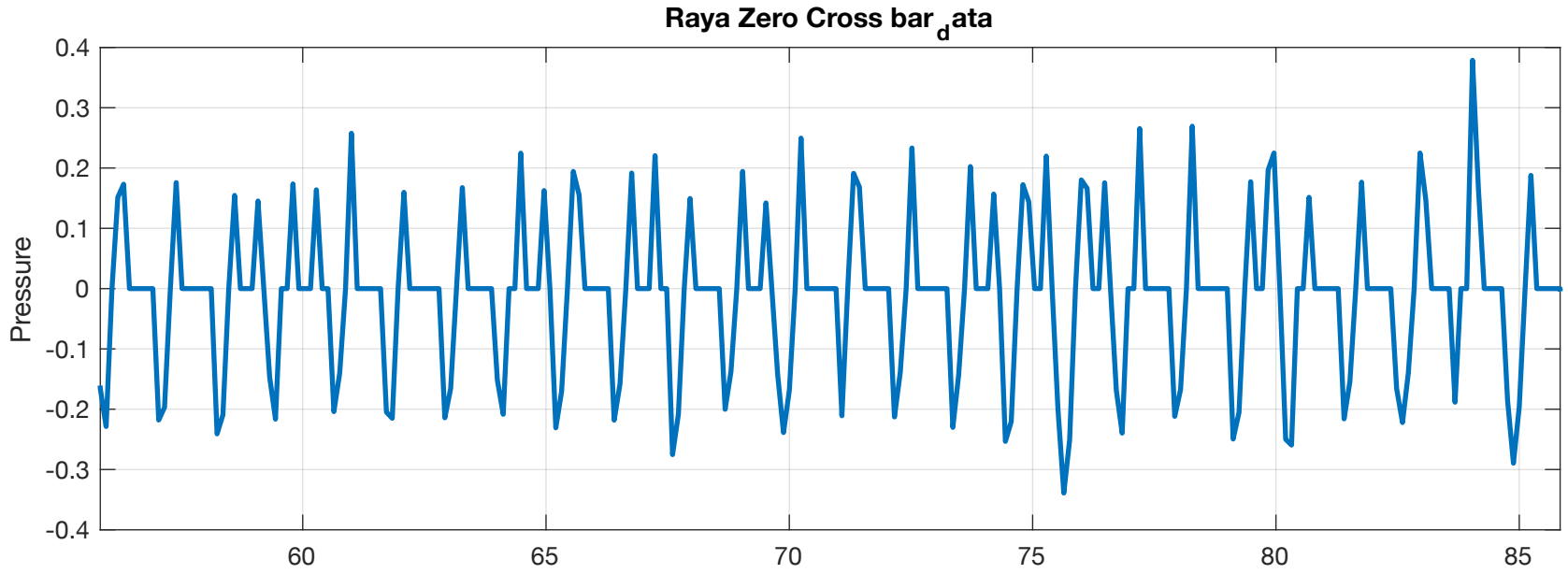

Raya Zero Cross accel_data
Z
6
4
2
0
-2
-4
60
65
70
75
80
85
Raya Zero Cross accel_data
Y
10
5
0
-5
60
65
70
75
80
85
Raya Zero Cross accel_data
X
6
4
2
0
-2
-4
60
65
70
75
80
85

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-434	-118	23	8	"accel_data"
'Y'	-311	-303	59	-27	"accel_data"
'X'	-449	-311	57	16.5000	"accel_data"

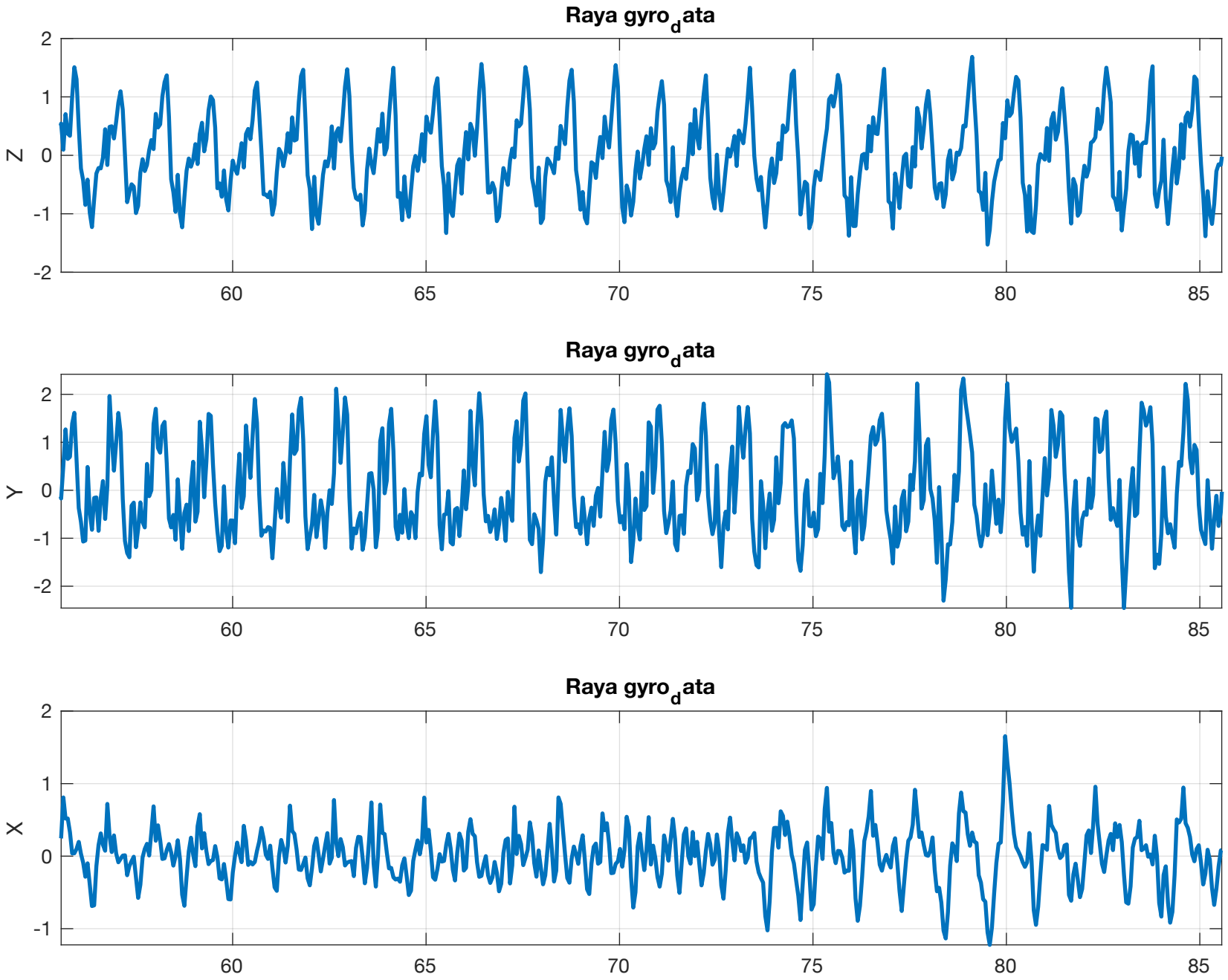

Raya bar_data
Relative Altitude
4
3
2
1
0
-1
-2
-3
-4
60
65
70
75
80
85

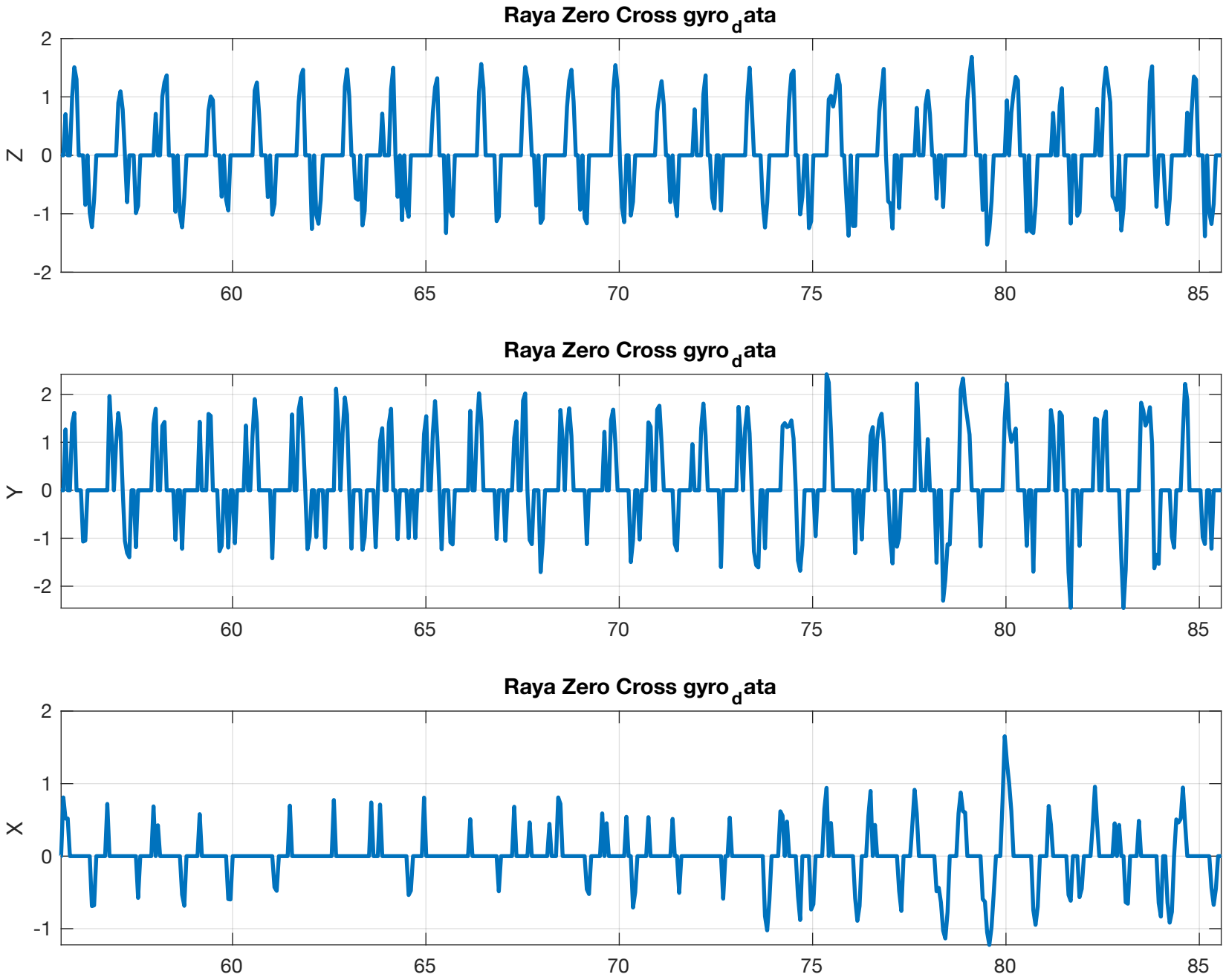

Raya bar_data
Pressure
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
-0.4
60
65
70
75
80
85


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

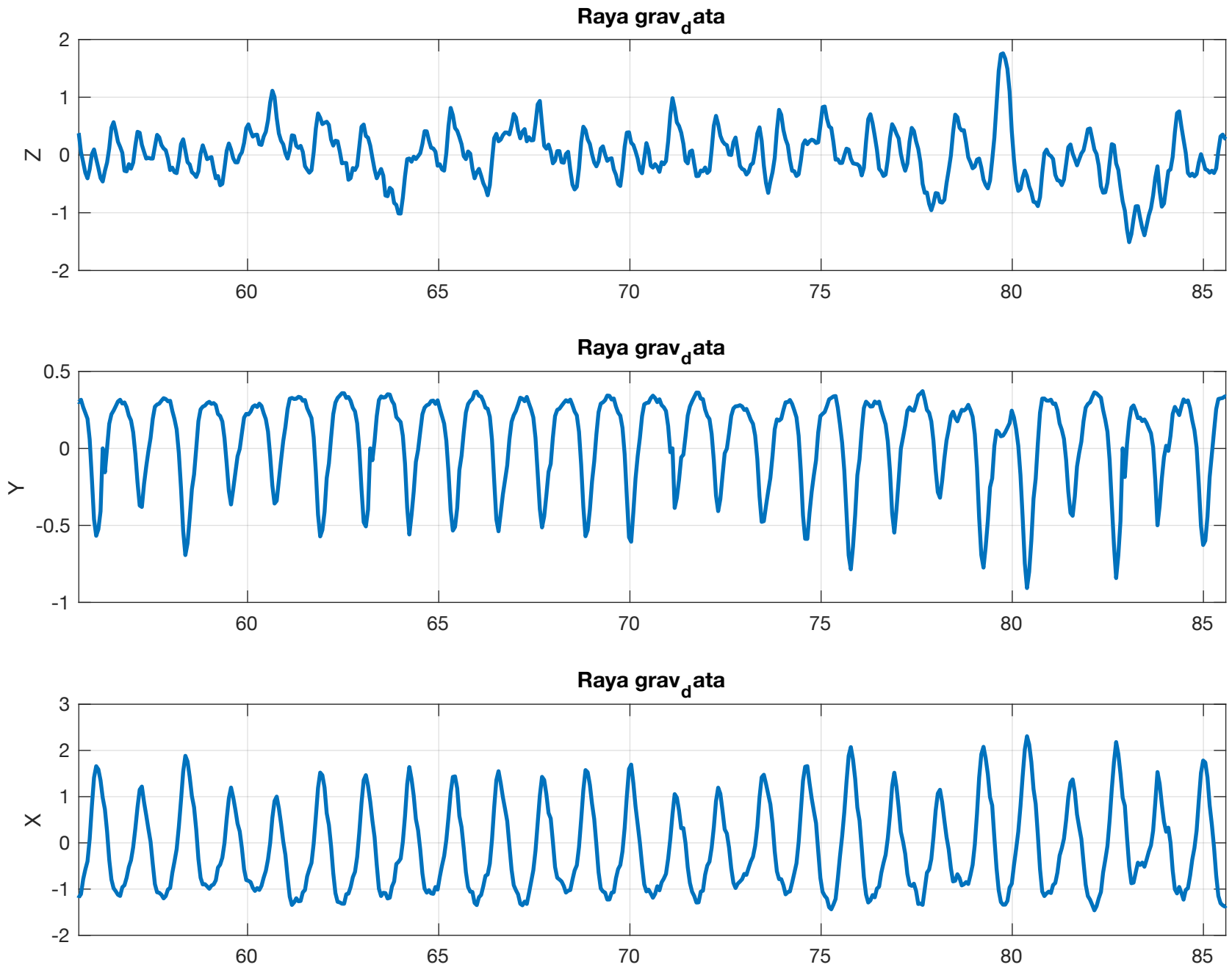

Raya Zero Cross bar_data
Pressure
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
-0.4
60
65
70
75
80
85

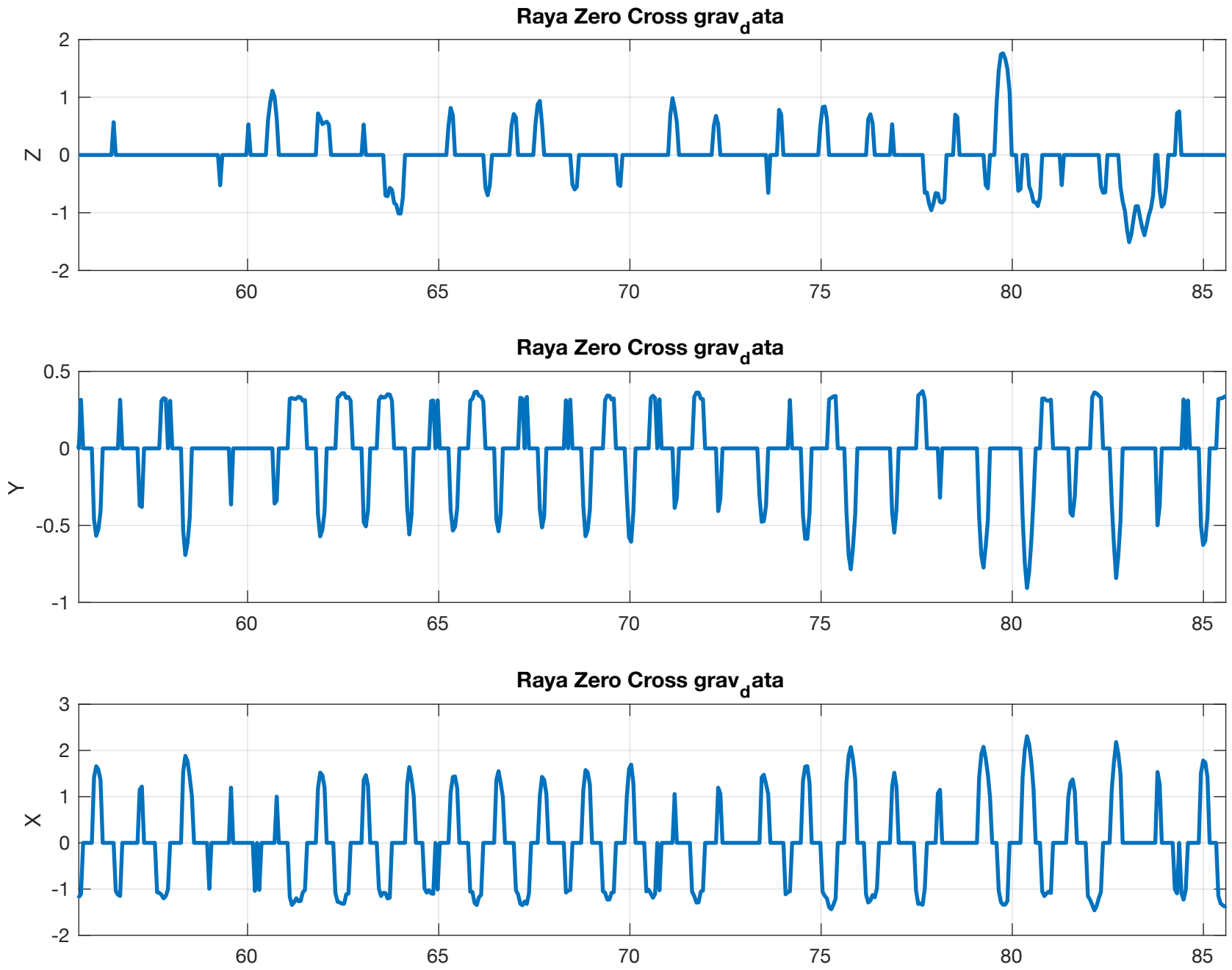
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	2	92	154	118.5000	"bar_data"
"Pressure"	-1	-1	184	118.5000	"bar_data"


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

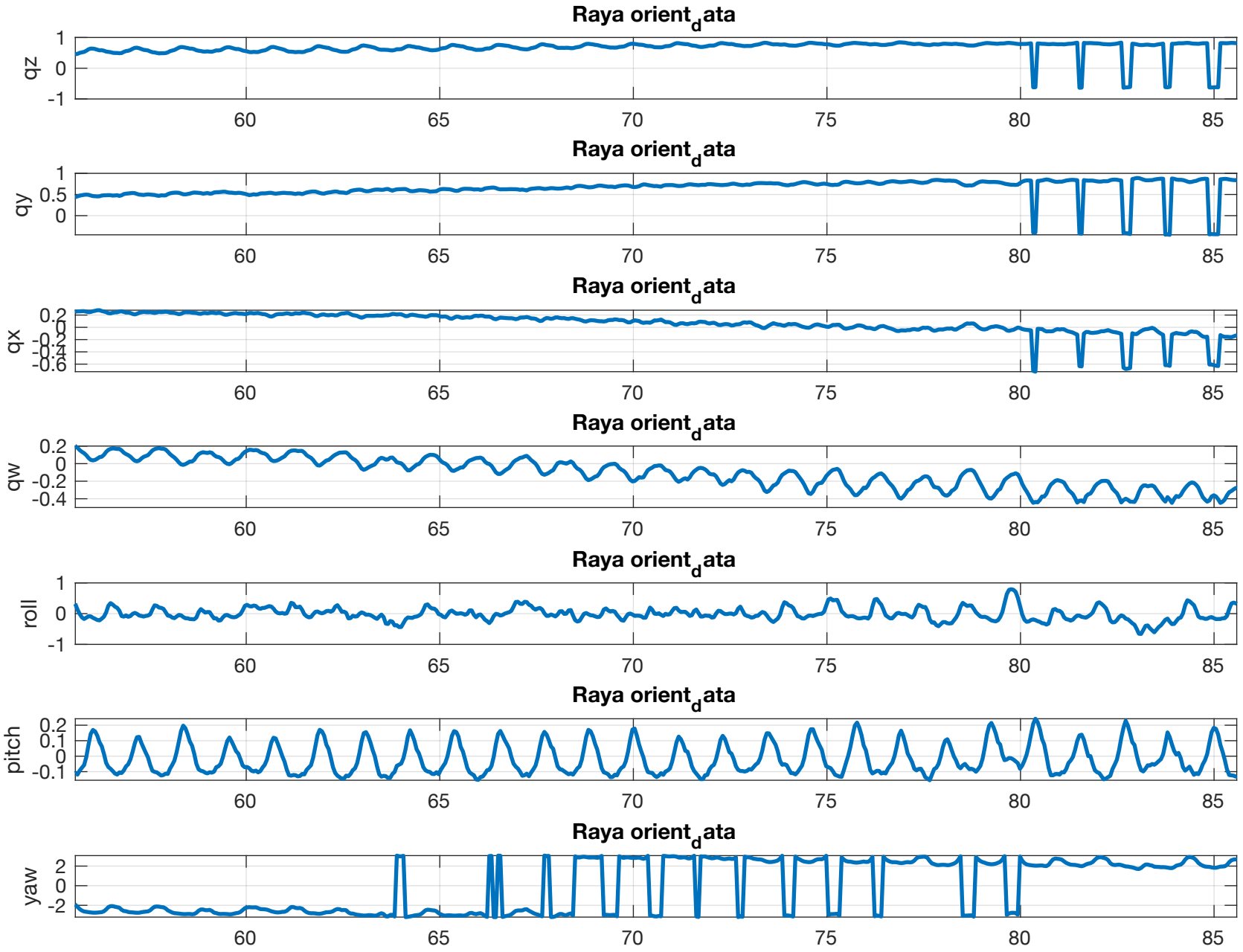

Raya Zero Cross gyro_data
Z
2
1
0
-1
-2
60
65
70
75
80
85
Raya Zero Cross gyro_data
Y
2
1
0
-1
-2
60
65
70
75
80
85
Raya Zero Cross gyro_data
X
2
1
0
-1
60
65
70
75
80
85

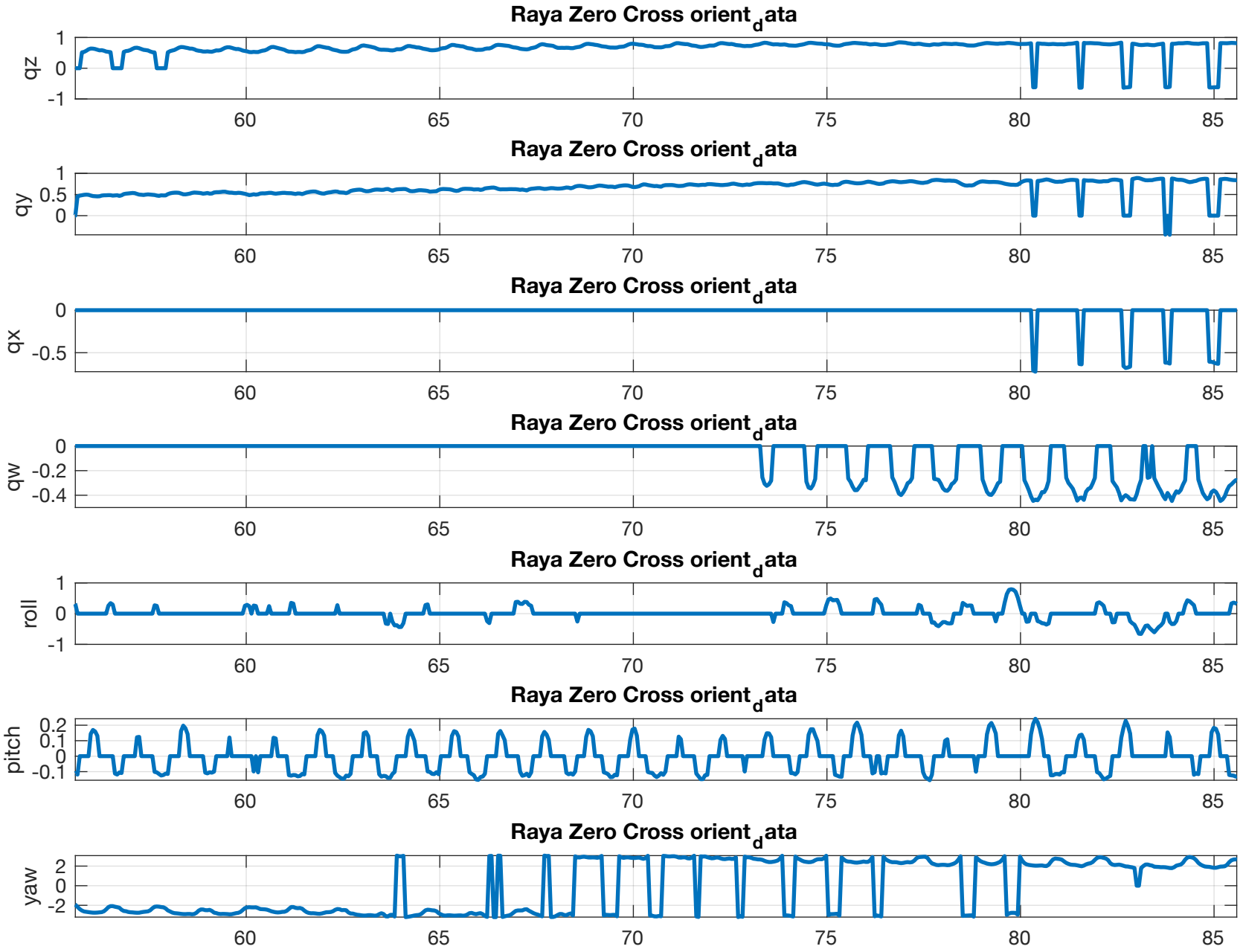
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-452	-174	138	47.5000	"gyro_data"
'Y'	-465	-233	122	4	"gyro_data"
'X'	-352	-236	121	109.5000	"gyro_data"


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	21	168	184.7500	"grav_data"
'Y'	-41	-12	197	180	"grav_data"
'X'	48	140	215	166	"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
0.2
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	132	223	260	"orient_data"
'qy'	-153	51	203	260	"orient_data"
'qx'	-156	58	227	260.2500	"orient_data"
'qw'	3	114	233	252.5000	"orient_data"
'roll'	-105	70	156	196.7500	"orient_data"
'pitch'	-18	136	176	171	"orient_data"
'yaw'	19	141	239	256.2500	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Z"	'zero_cross'	8
'bar_data'	"Pressure"	'findpeaks'	1
'gyro_data'	"Y"	'zero_cross'	4
'grav_data'	"Y"	'findpeaks_above_zero'	12
'orient_data'	"qw"	'findpeaks'	3