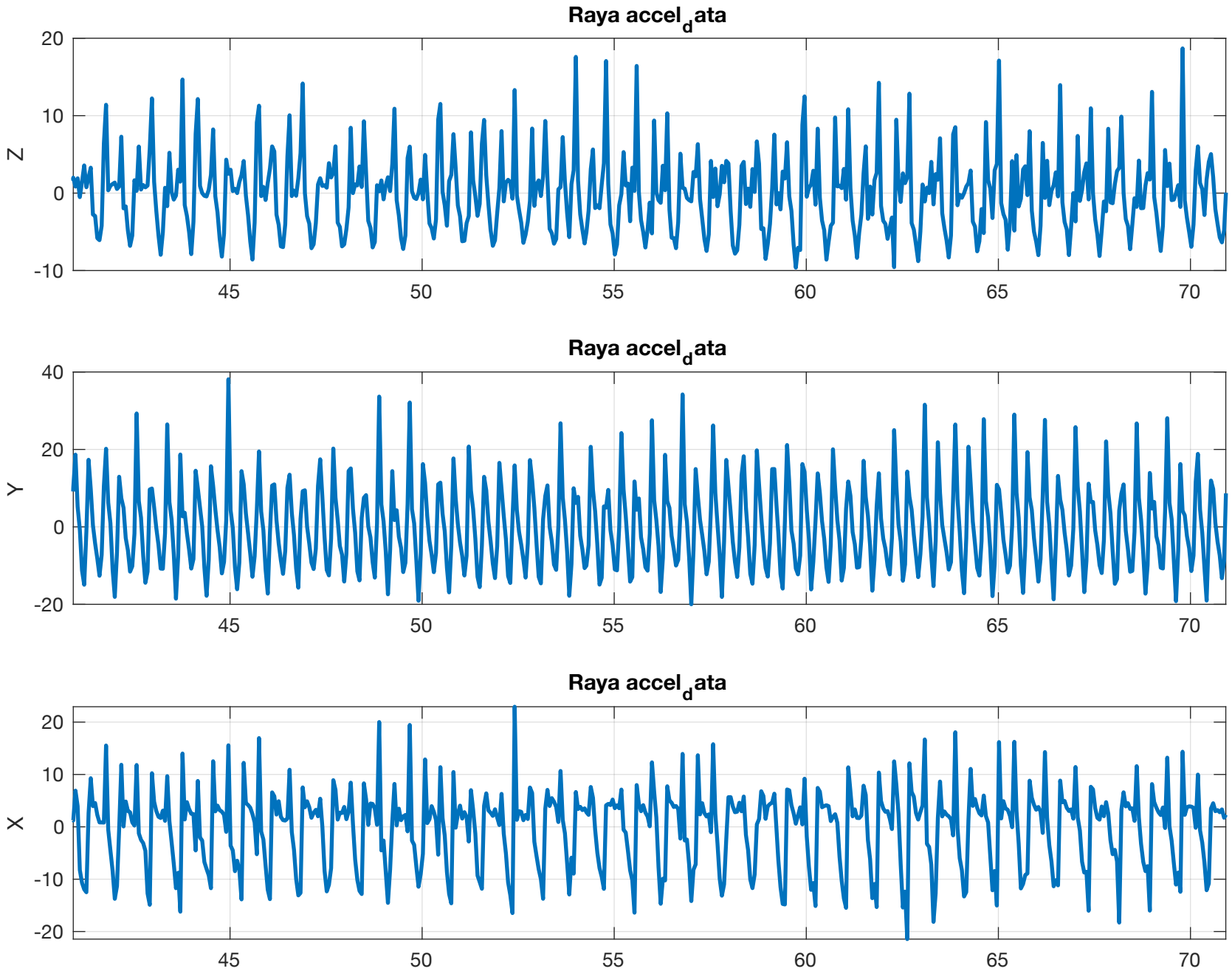
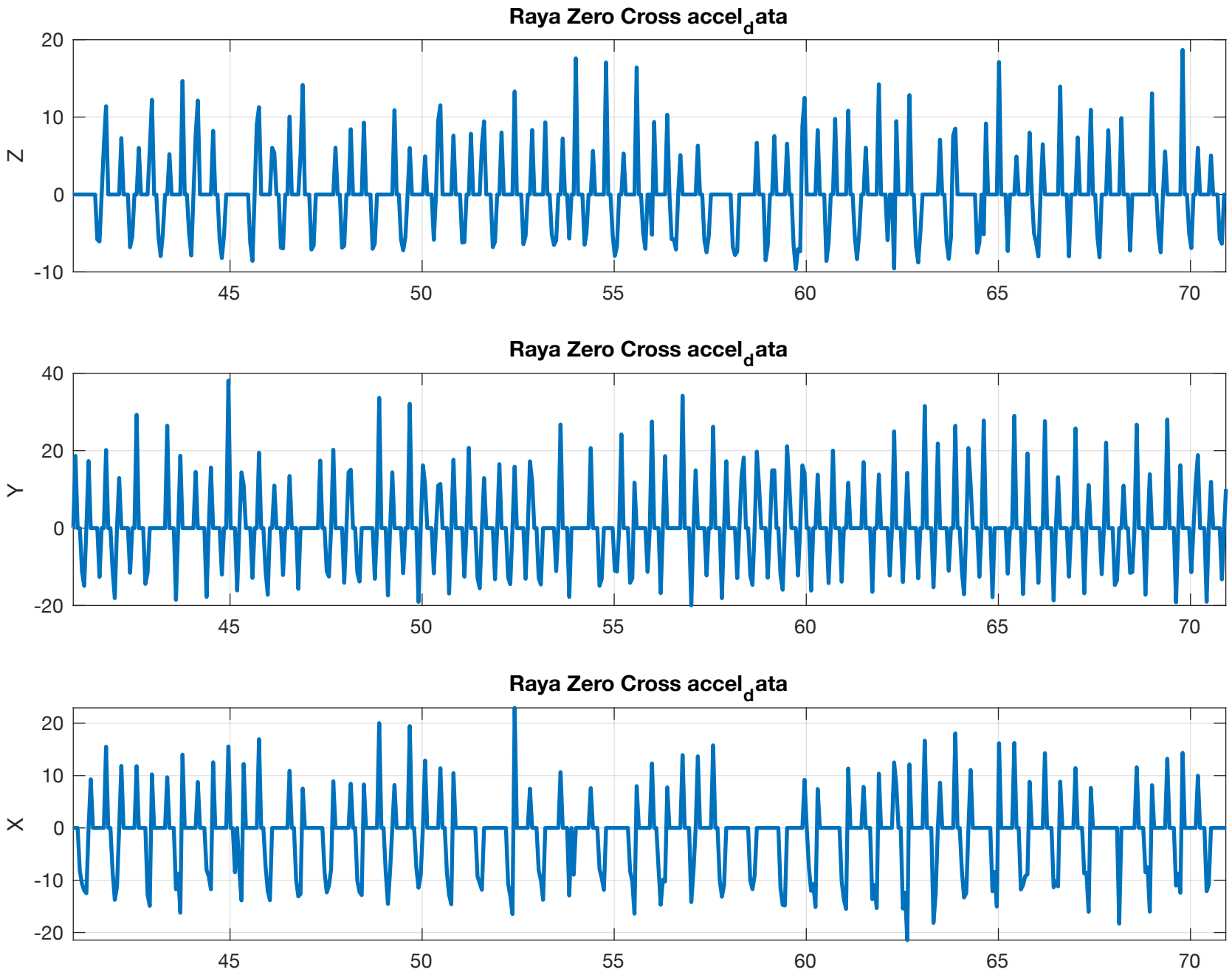
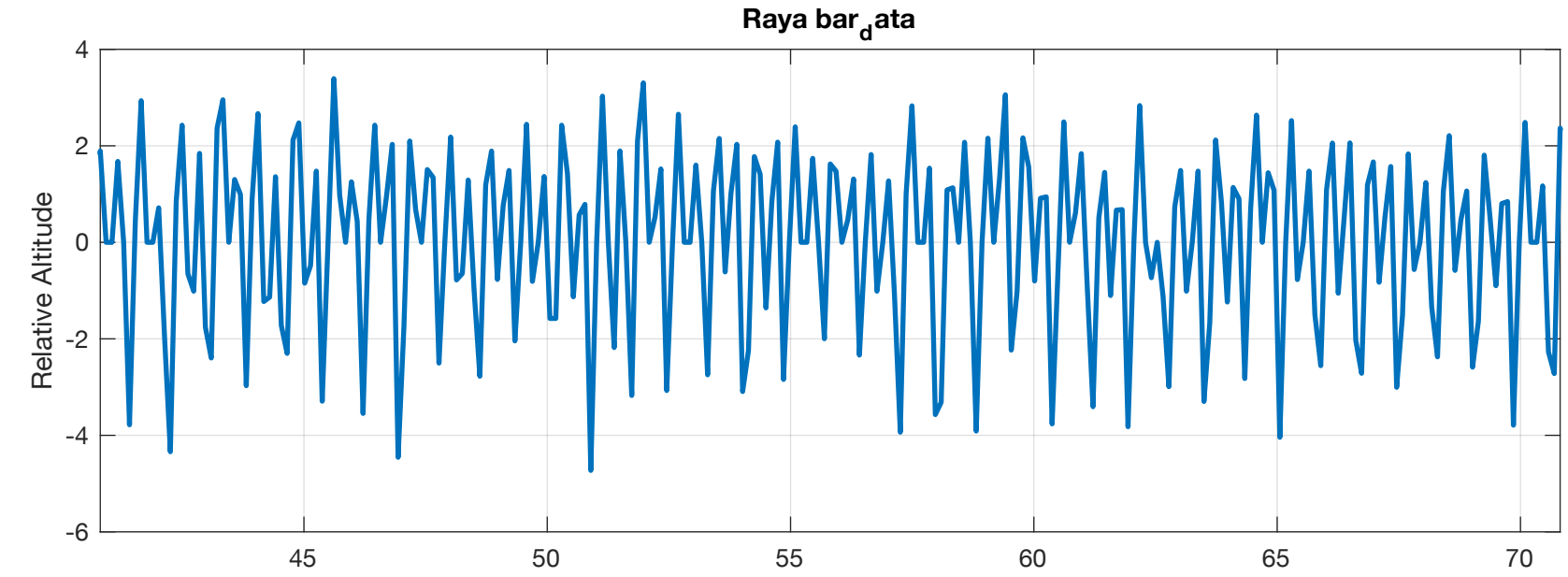
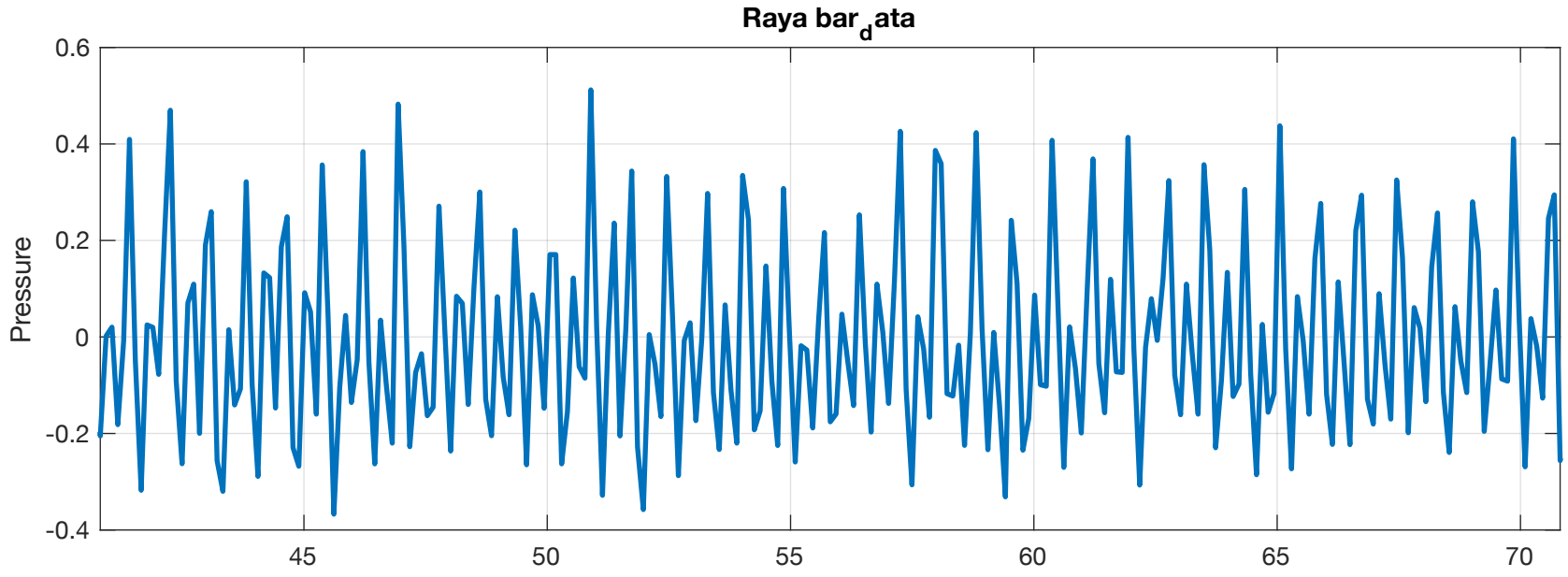
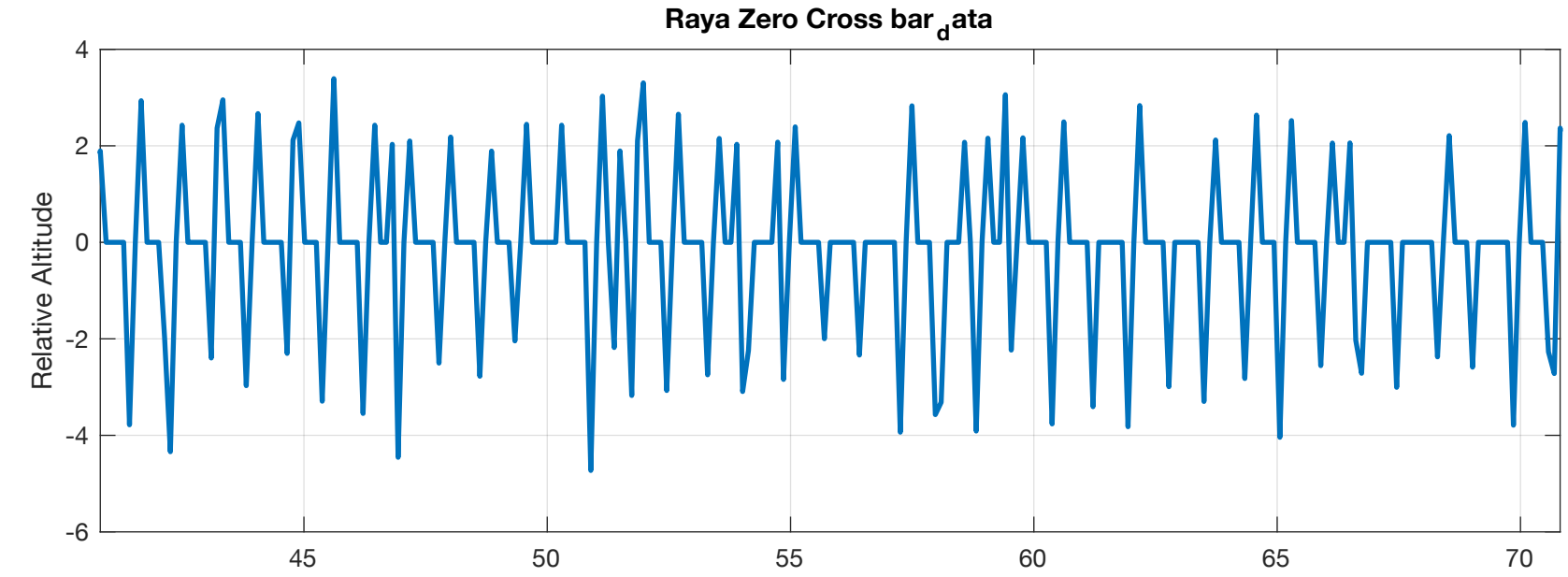

Raya accel_data
Z
20
10
0
-10
45
50
55
60
65
70
Raya accel_data
Y
40
20
0
-20
45
50
55
60
65
70
Raya accel_data
X
20
10
0
-10
-20
45
50
55
60
65
70

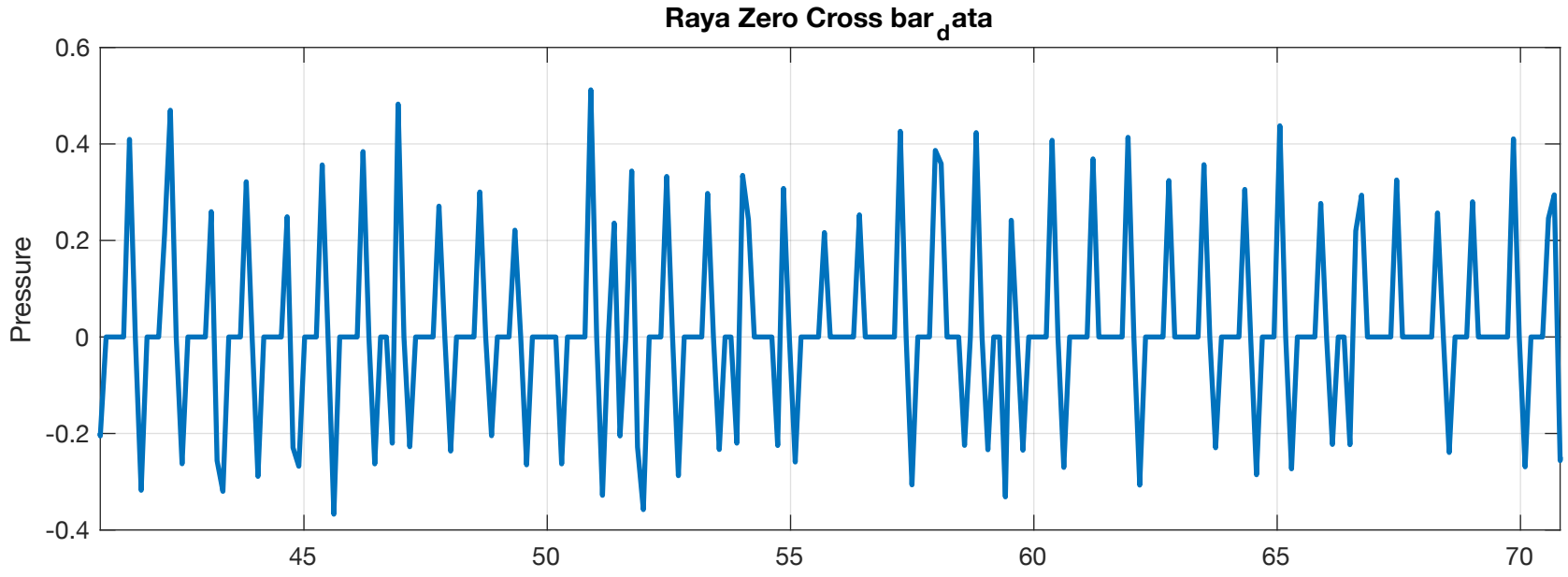

Raya Zero Cross accel_data
Z
20
10
0
-10
45
50
55
60
65
70
Raya Zero Cross accel_data
Y
40
20
0
-20
45
50
55
60
65
70
Raya Zero Cross accel_data
X
20
10
0
-10
-20
45
50
55
60
65
70

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-337	-273	72	50	"accel_data"
'Y'	-78	-77	145	-23	"accel_data"
'X'	-360	-286	64	71	"accel_data"

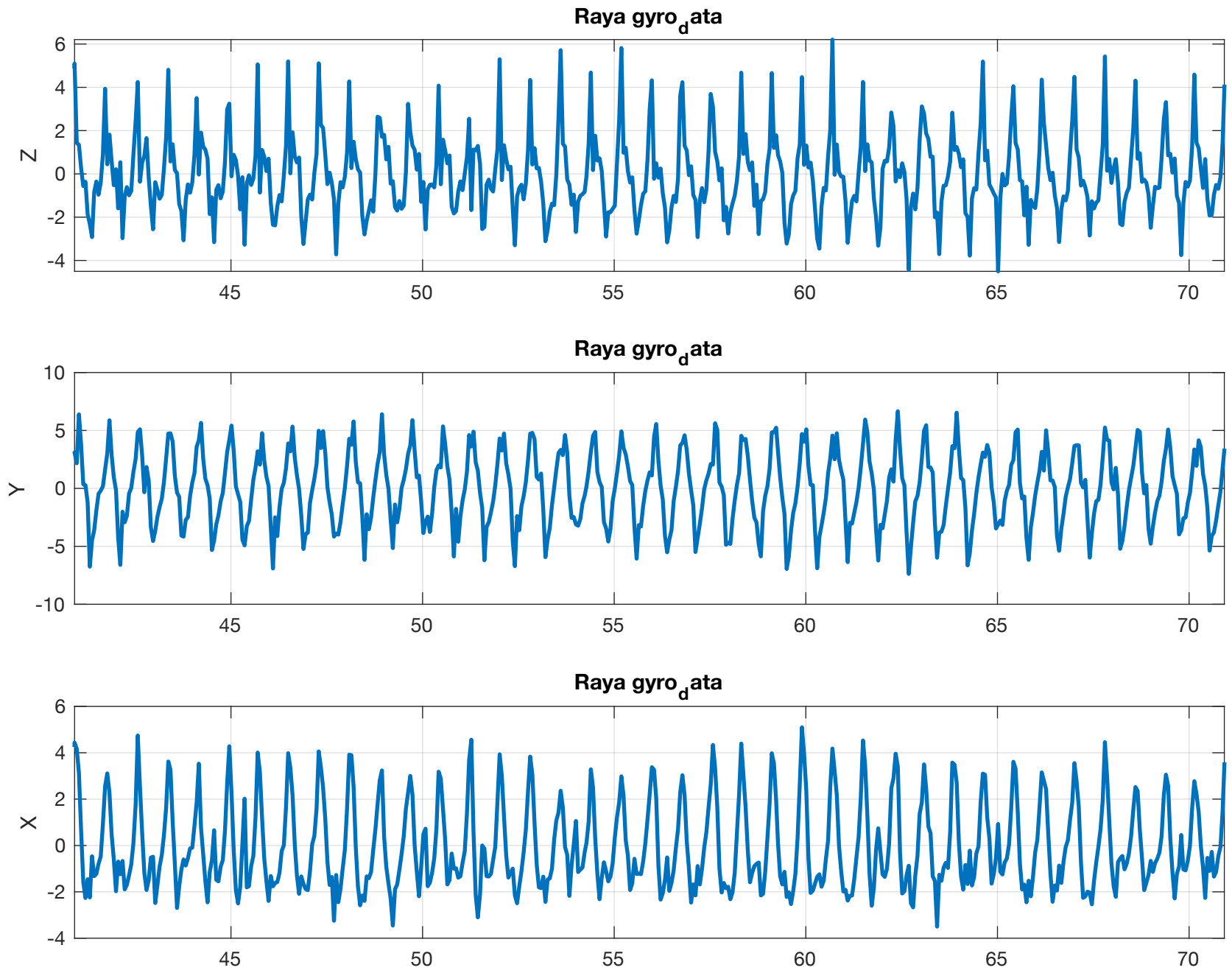

Raya bar_data
Relative Altitude
4
2
0
-2
-4
-6
45
50
55
60
65
70

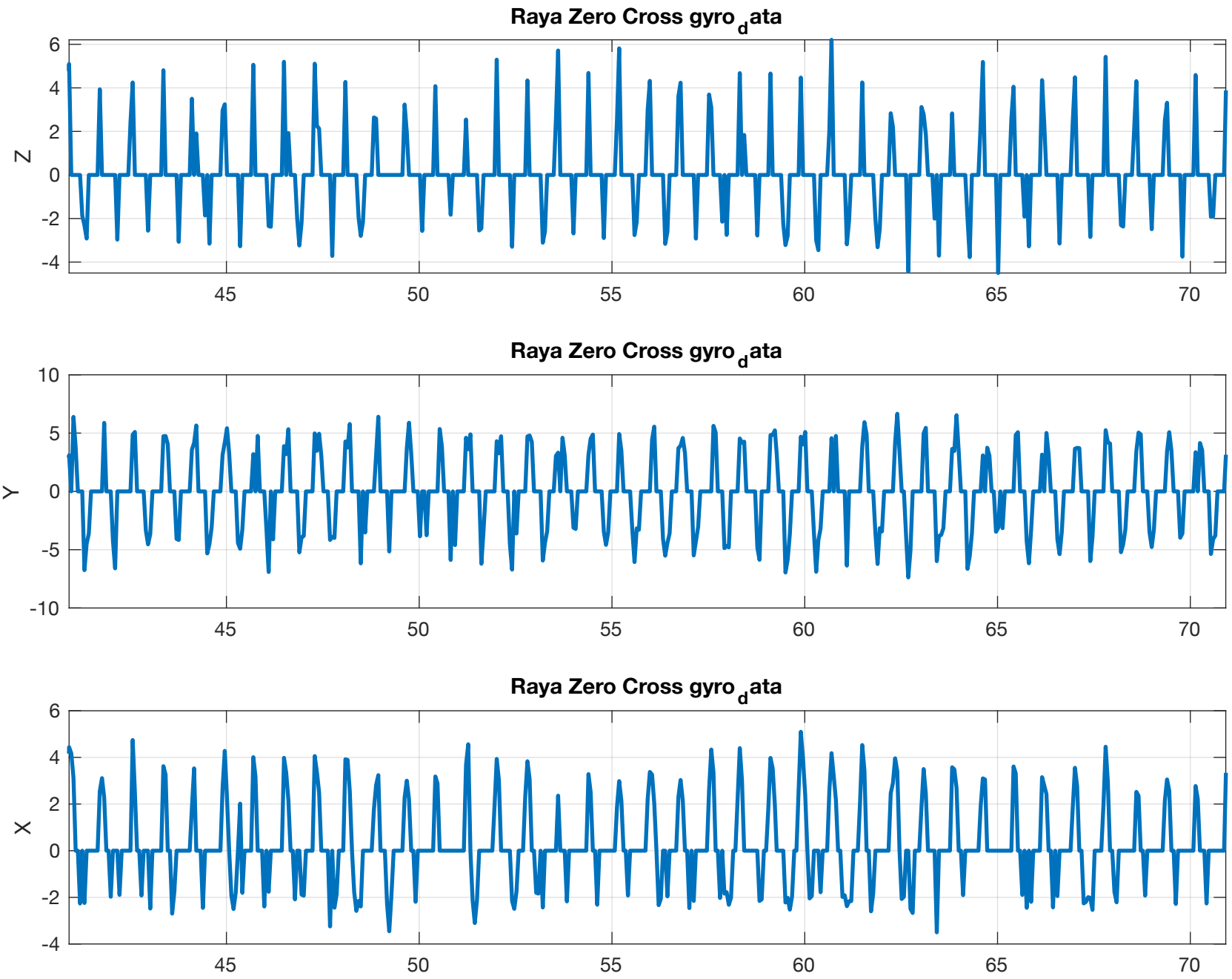

Raya bar_data
Pressure
0.6
0.4
0.2
0
-0.2
-0.4
45
50
55
60
65
70


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

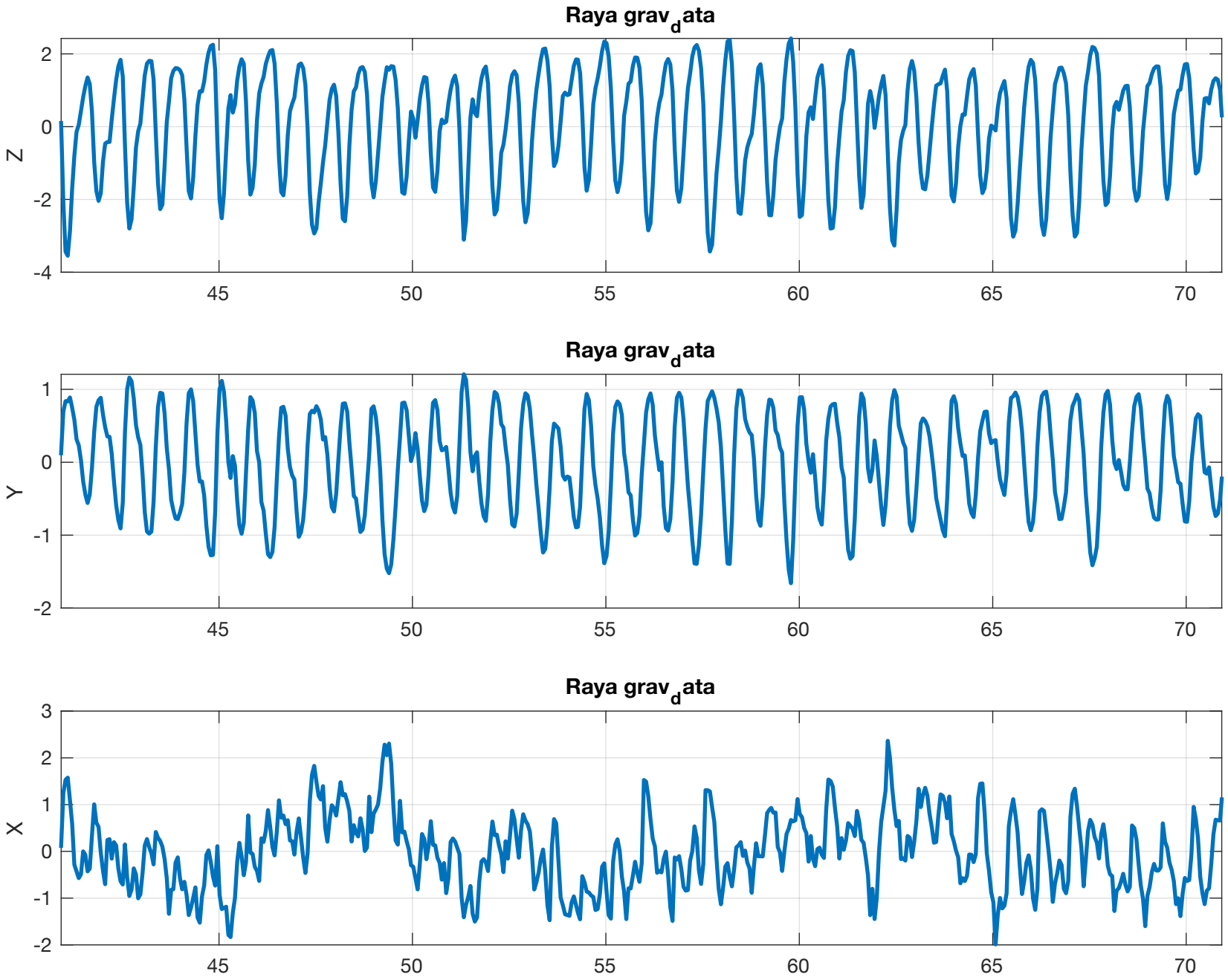

Raya Zero Cross bar_data
Pressure
0.6
0.4
0.2
0
-0.2
-0.4
45
50
55
60
65
70

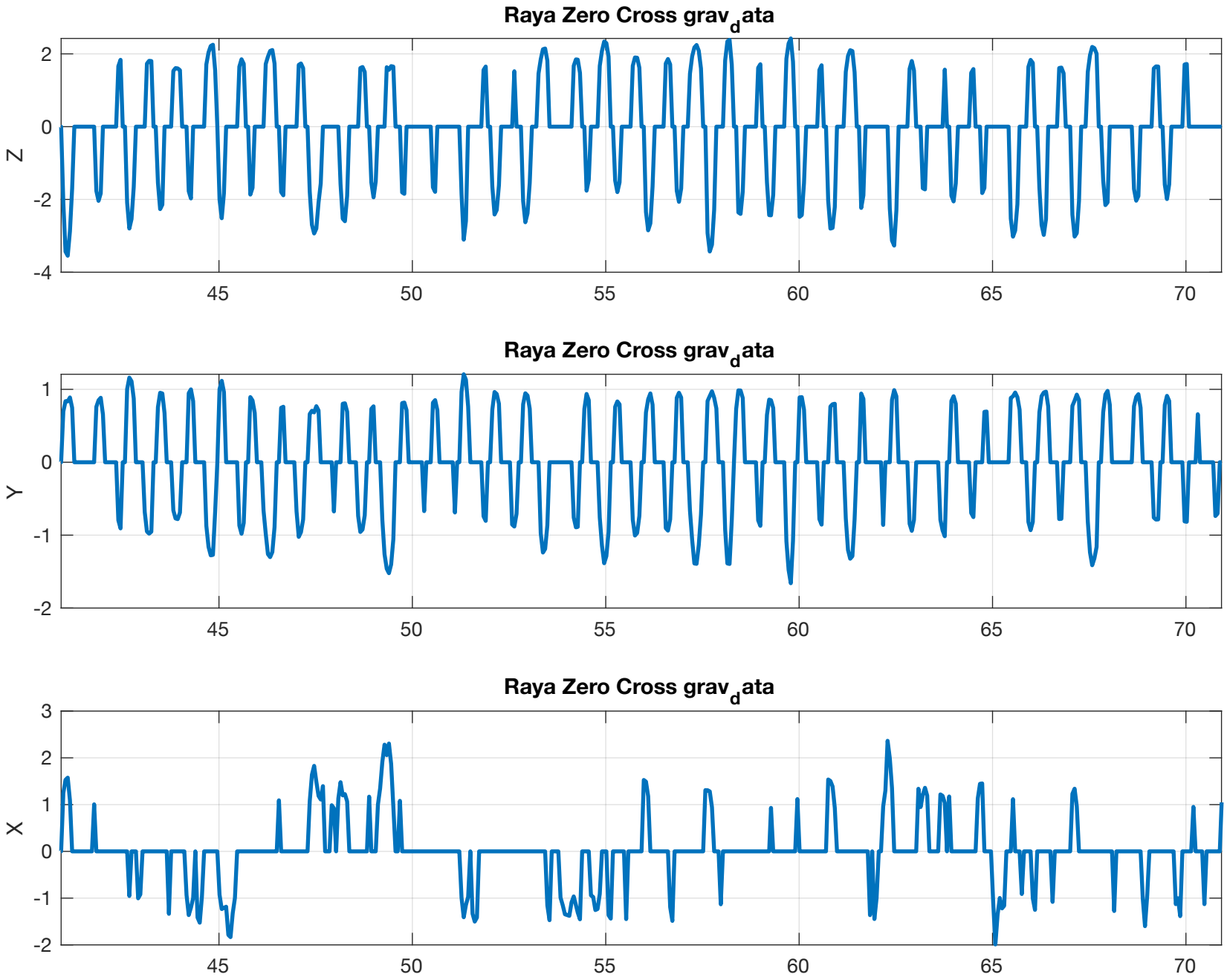
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-55	-47	152	126.5000	"bar_data"
"Pressure"	-56	-28	123	126.5000	"bar_data"


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

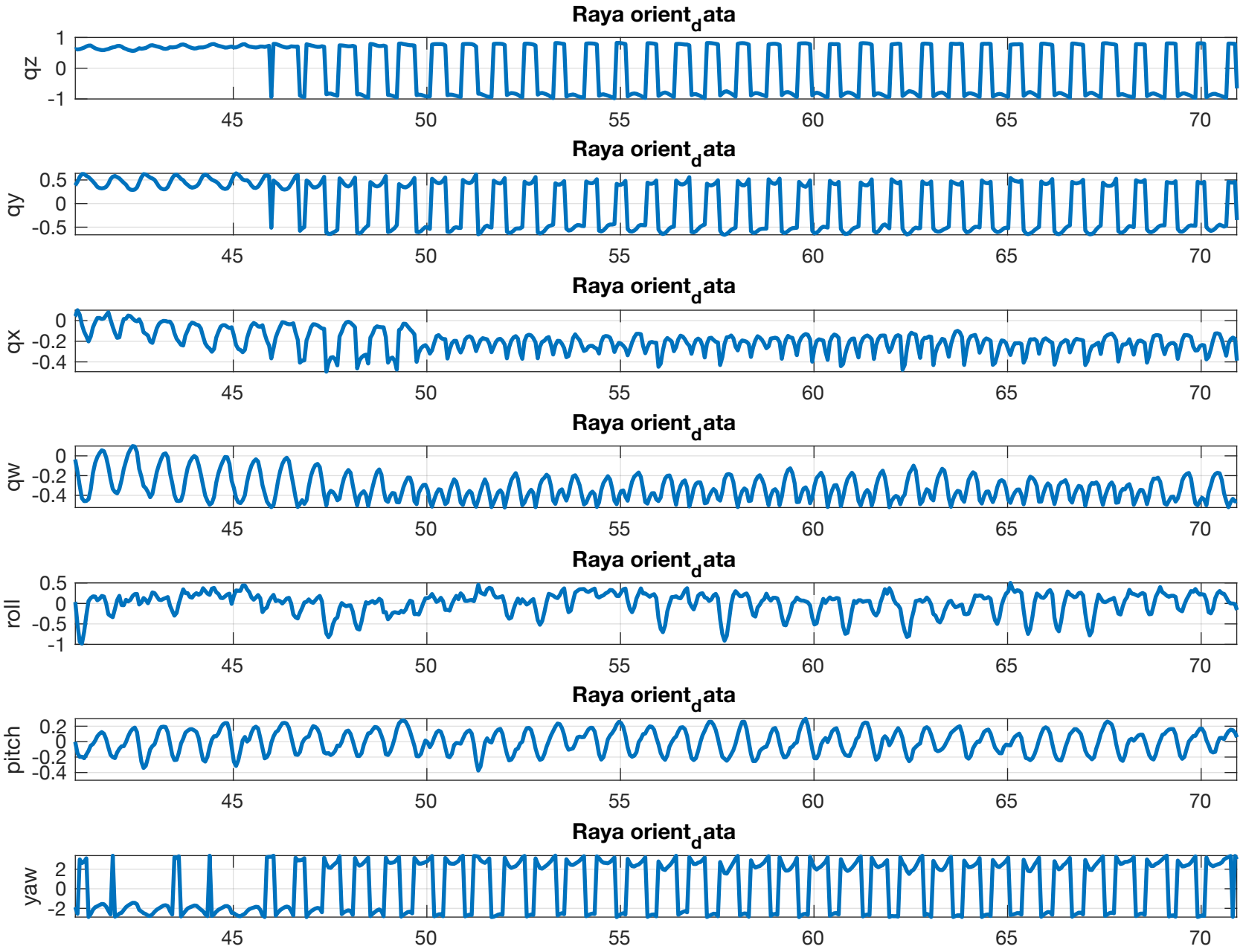

Raya Zero Cross gyro_data
Z
6
4
2
0
-2
-4
45
50
55
60
65
70
Raya Zero Cross gyro_data
Y
10
5
0
-5
-10
45
50
55
60
65
70
Raya Zero Cross gyro_data
X
6
4
2
0
-2
-4
45
50
55
60
65
70

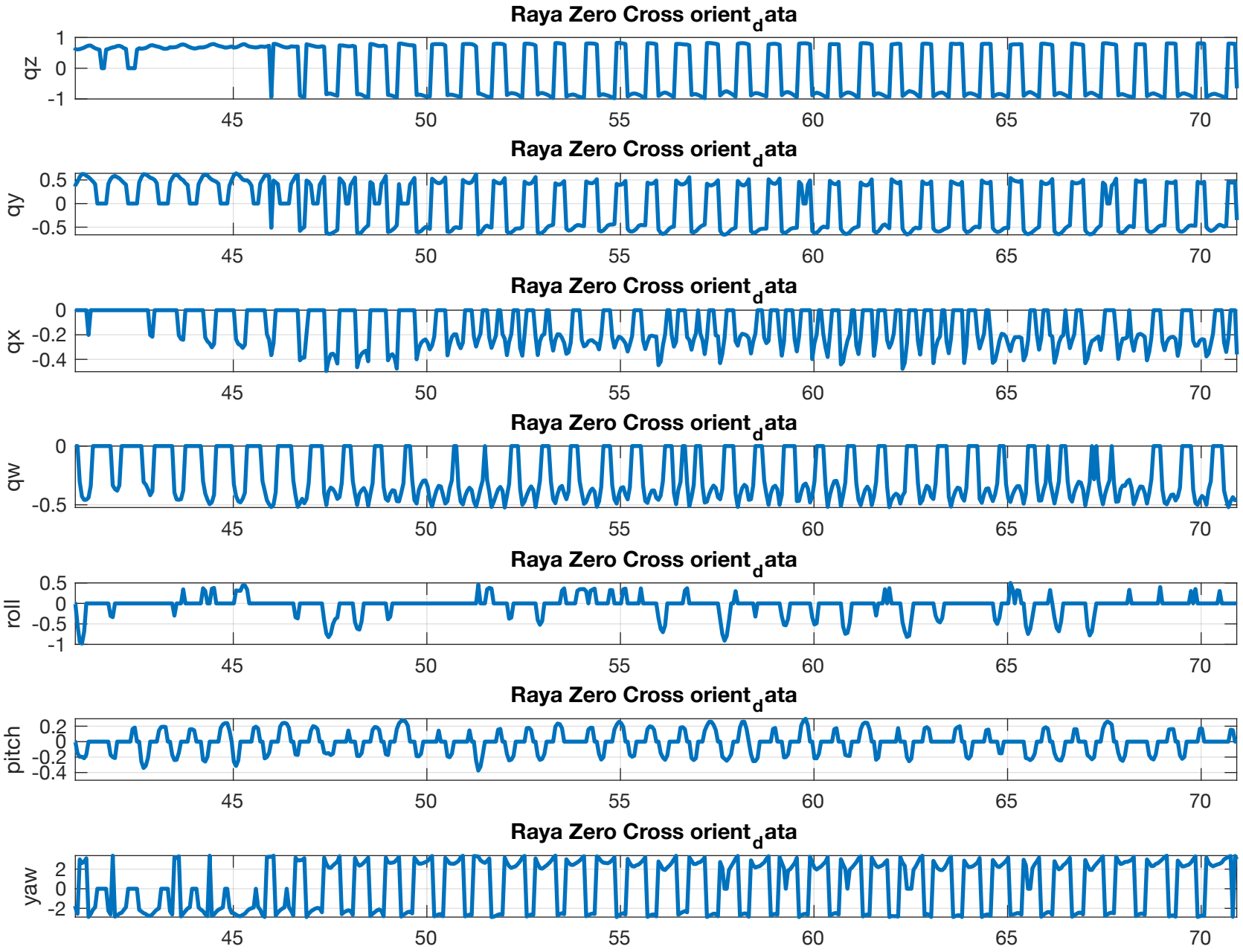
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-349	-131	117	104	"gyro_data"
'Y'	-108	-36	154	80	"gyro_data"
'X'	-129	63	131	95	"gyro_data"


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	72	216	157.7500	"grav_data"
'Y'	40	73	212	150.2500	"grav_data"
'X'	-170	-31	149	169.5000	"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	128	222	226.7500	"orient_data"
'qy'	1	100	218	215.2500	"orient_data"
'qx'	-2	119	223	209.2500	"orient_data"
'qw'	39	150	246	220.2500	"orient_data"
'roll'	-124	-93	166	188.7500	"orient_data"
'pitch'	41	74	215	152.7500	"orient_data"
'yaw'	-2	115	219	203.2500	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Y"	'zero_cross'	23
'bar_data'	"Pressure"	'findpeaks_above_zero'	28
'gyro_data'	"Y"	'findpeaks_above_zero'	36
'grav_data'	"X"	'findpeaks_above_zero'	31
'orient_data'	"qy"	'findpeaks'	1