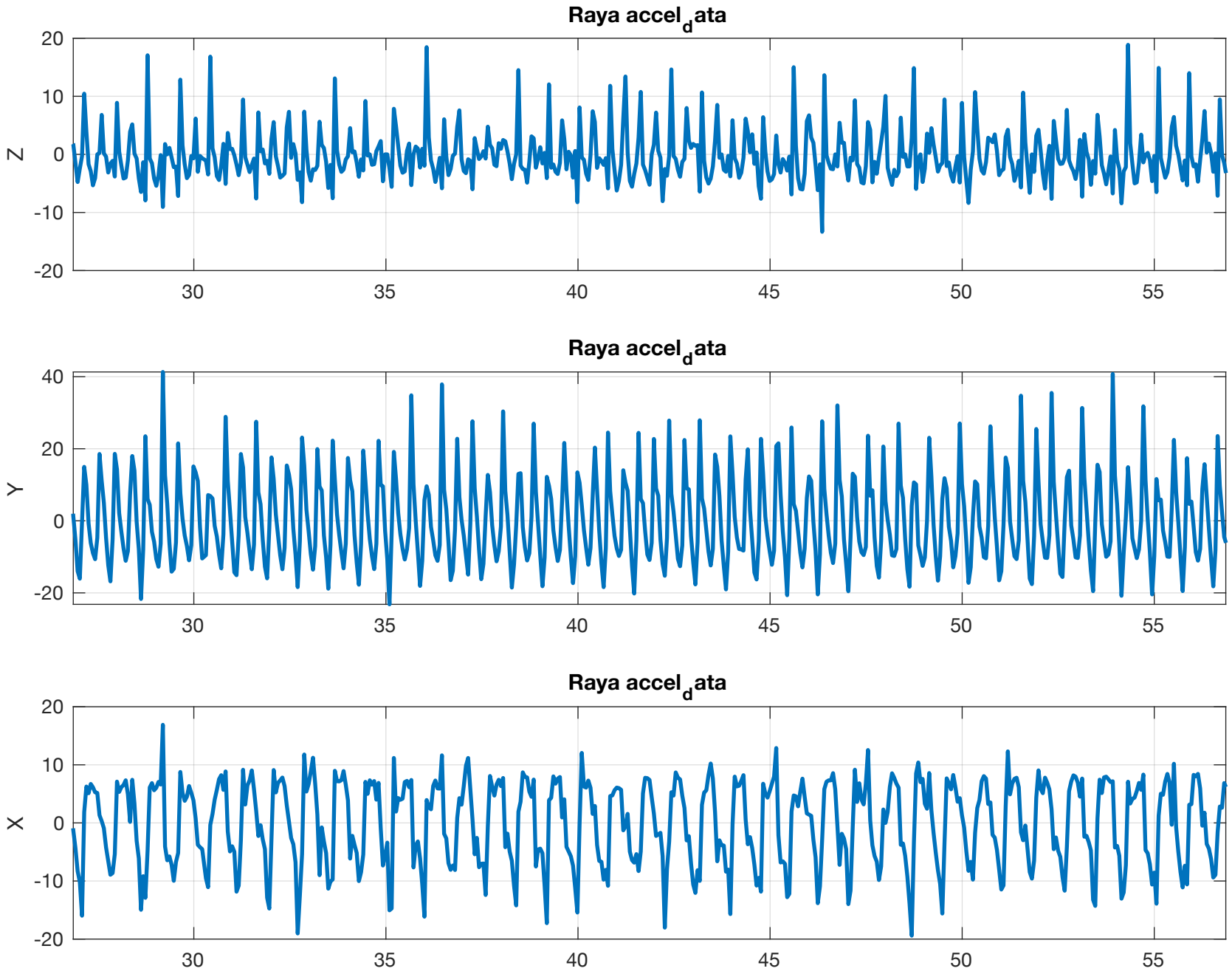
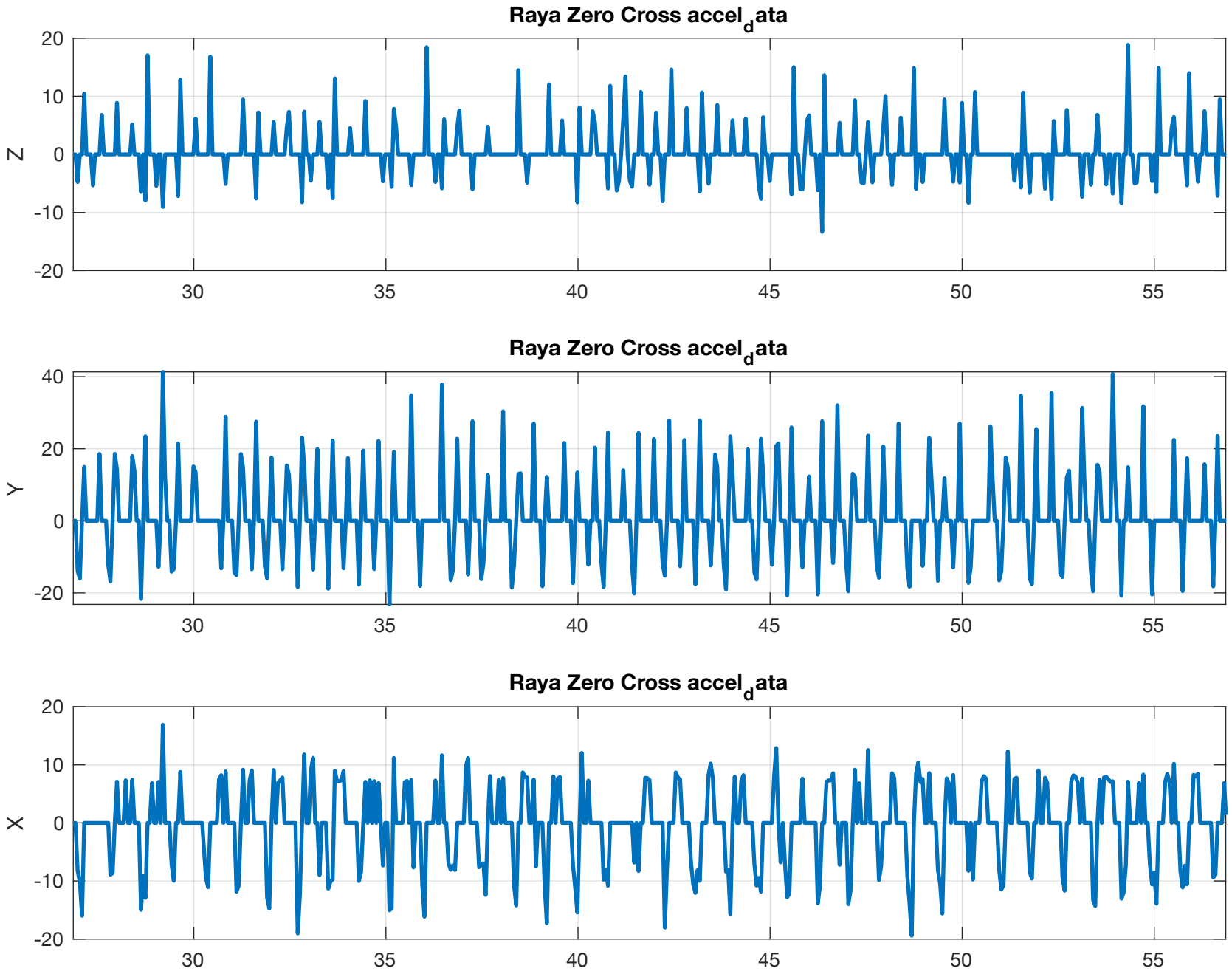
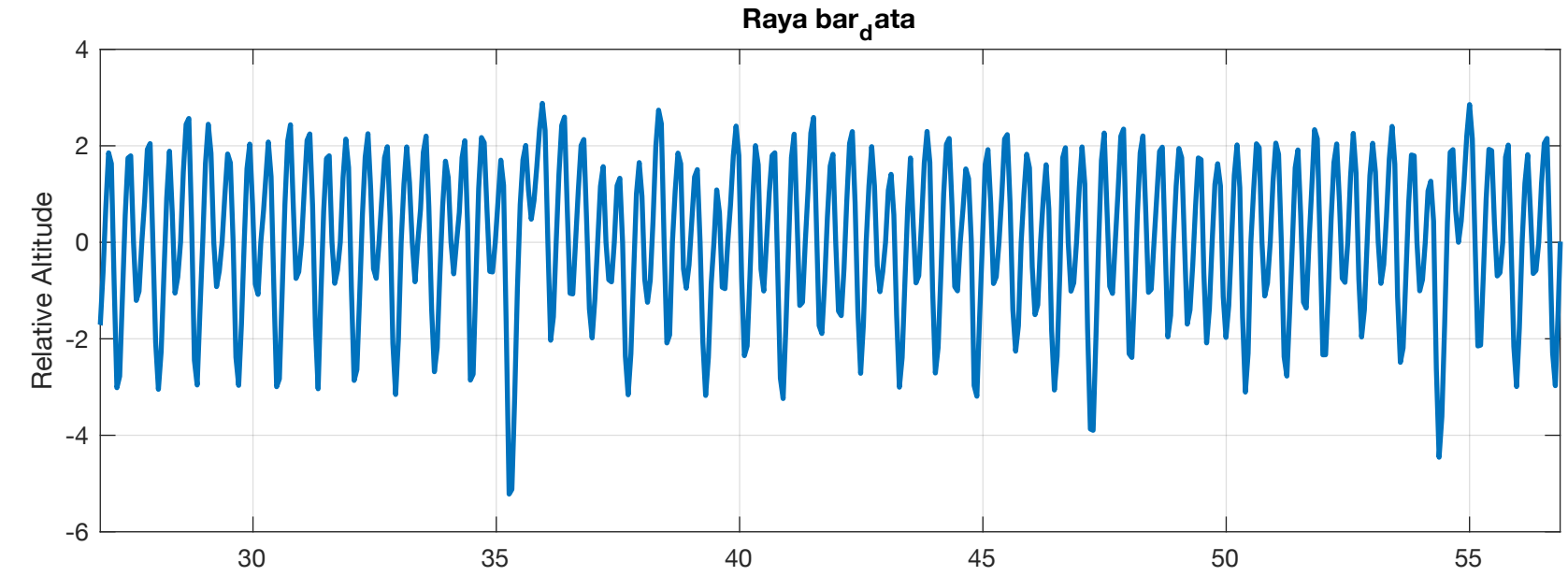
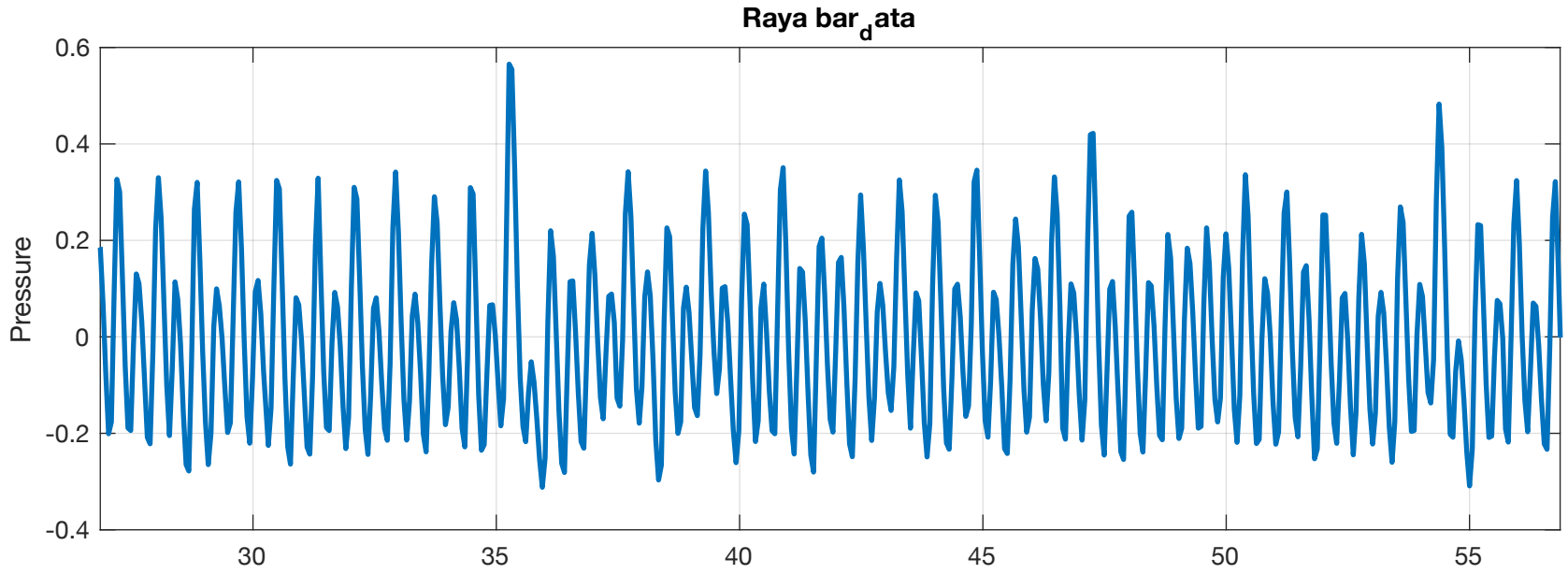
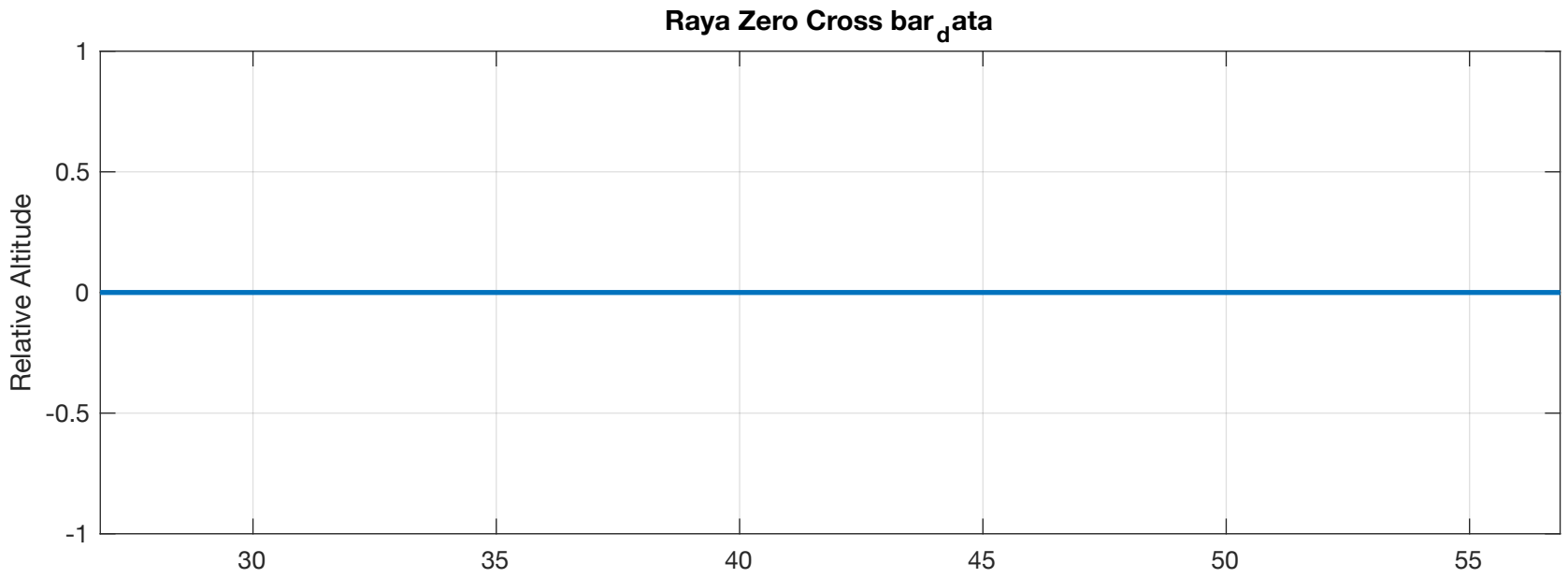

Raya accel_data
Z
20
10
0
-10
-20
30
35
40
45
50
55
Raya accel_data
Y
40
20
0
-20
30
35
40
45
50
55
Raya accel_data
X
20
10
0
-10
-20
30
35
40
45
50
55

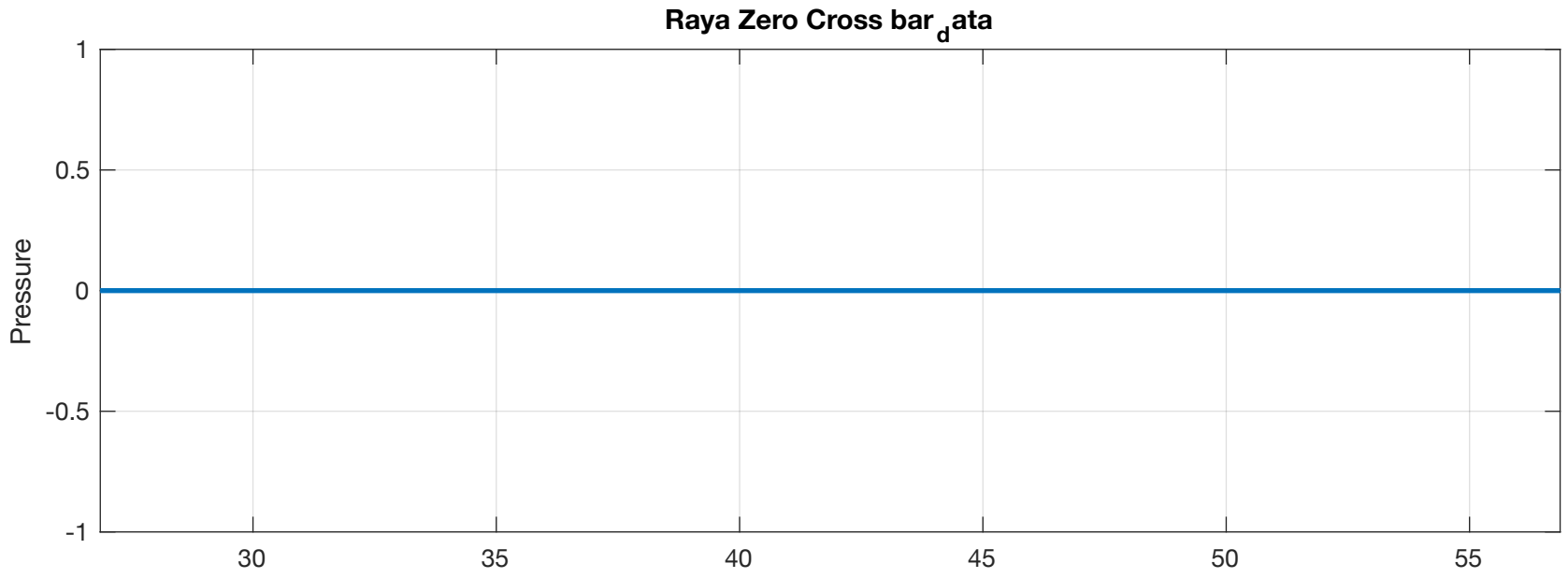

Raya Zero Cross accel_data
Z
20
10
0
-10
-20
30
35
40
45
50
55
Raya Zero Cross accel_data
Y
40
20
0
-20
30
35
40
45
50
55
Raya Zero Cross accel_data
X
20
10
0
-10
-20
30
35
40
45
50
55

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-402.000	-307.000	-149.000	-149.500	"accel_data"
'Y'	-231.000	-226.000	-94.000	-165.500	"accel_data"
'X'	-351.000	-263.000	-115.000	-137.500	"accel_data"

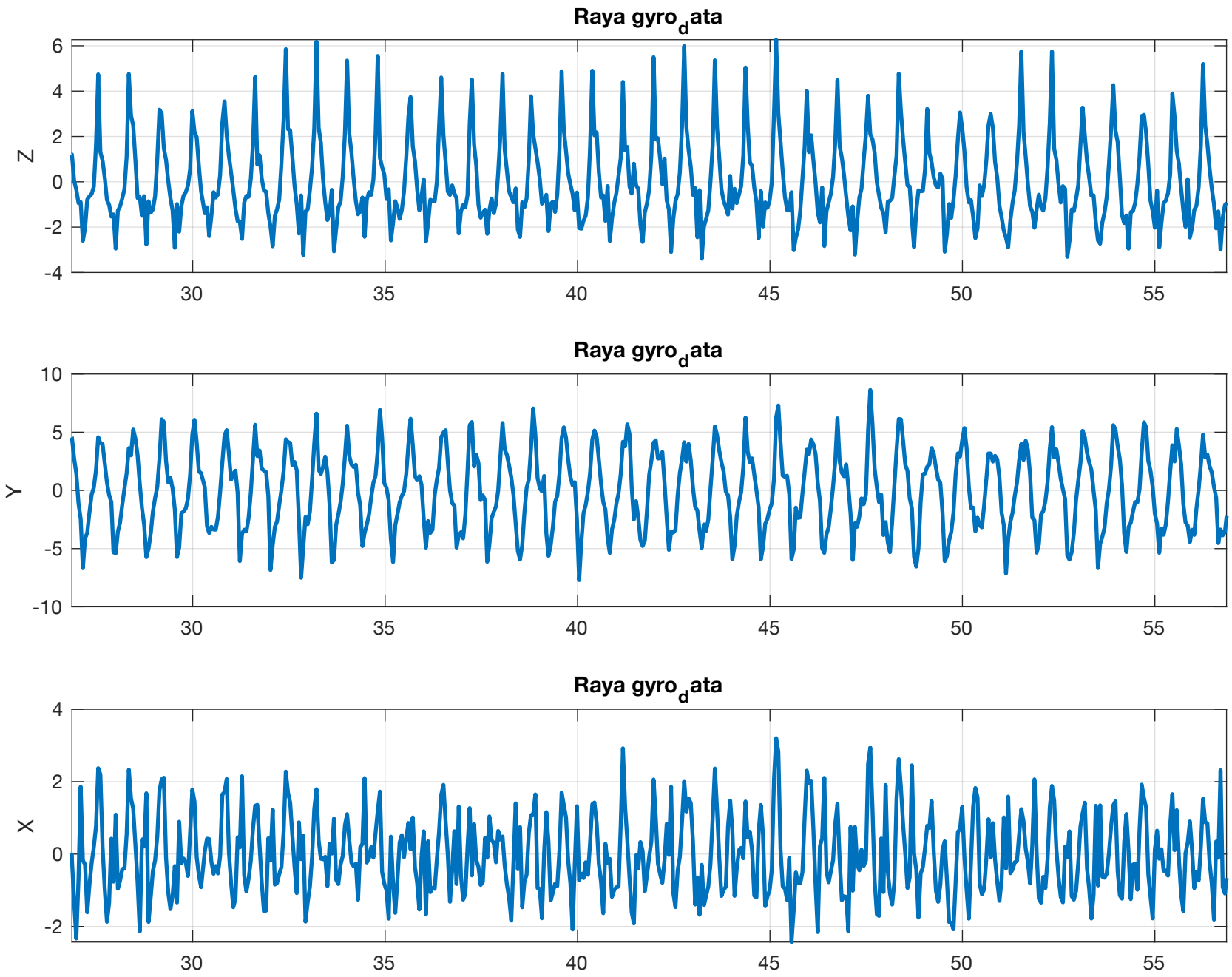

Raya bar_data
Relative Altitude
4
2
0
-2
-4
-6
30
35
40
45
50
55

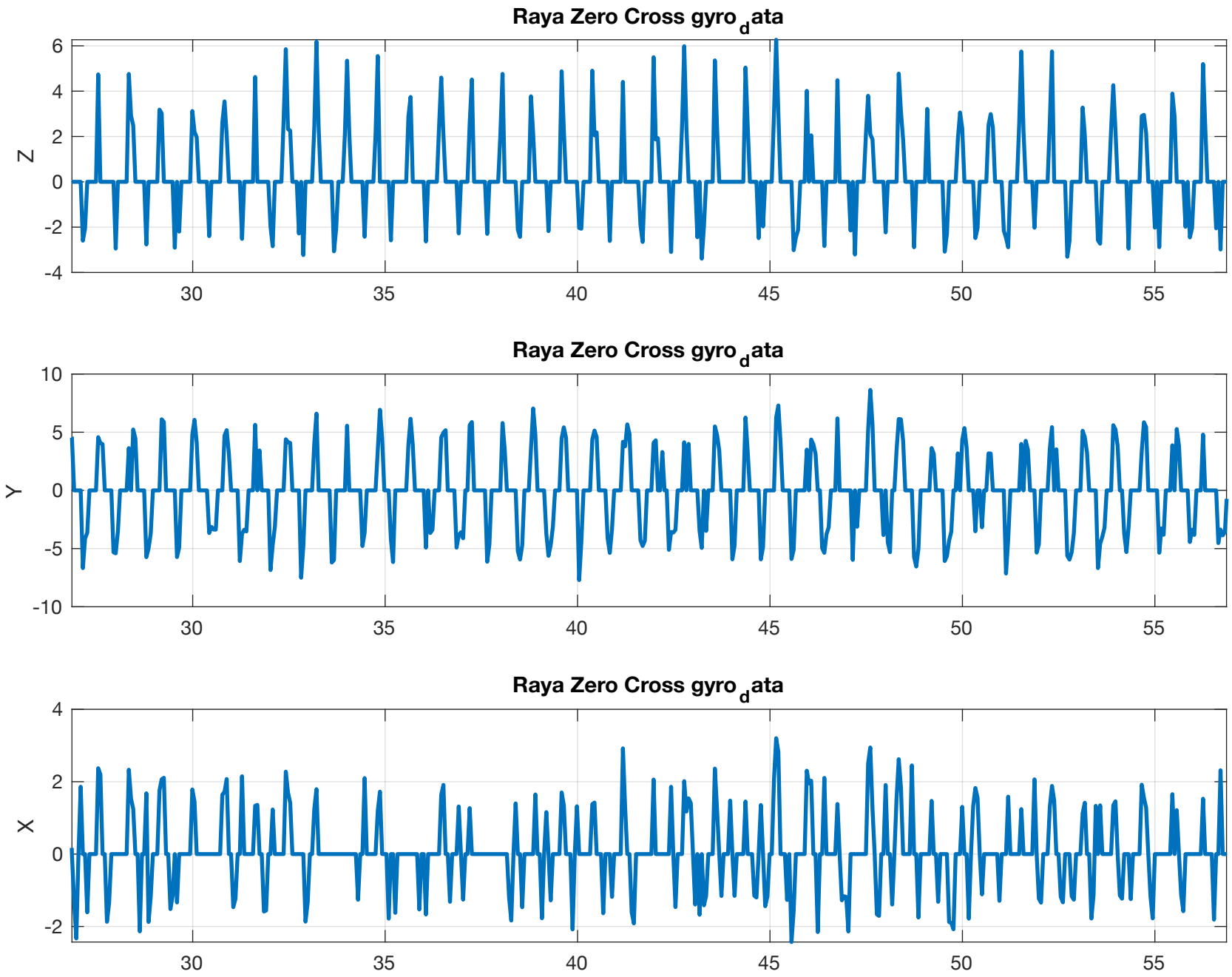

Raya bar_data
Pressure
0.6
0.4
0.2
0
-0.2
-0.4
30
35
40
45
50
55


Raya Zero Cross bar_data
Relative Altitude
1
0.5
0
-0.5
-1
30
35
40
45
50
55

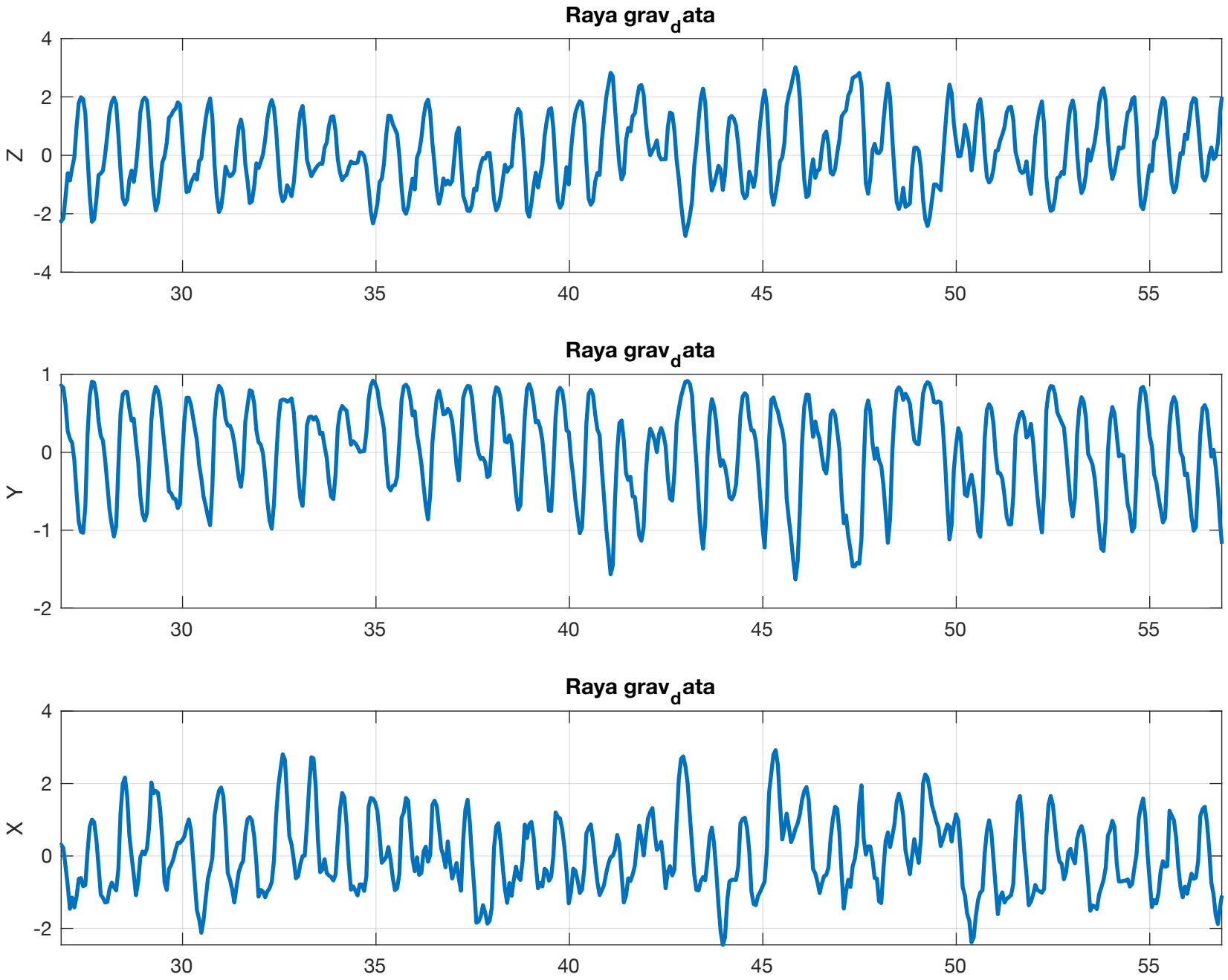

Raya Zero Cross bar_data
Pressure
1
0.5
0
-0.5
-1
30
35
40
45
50
55

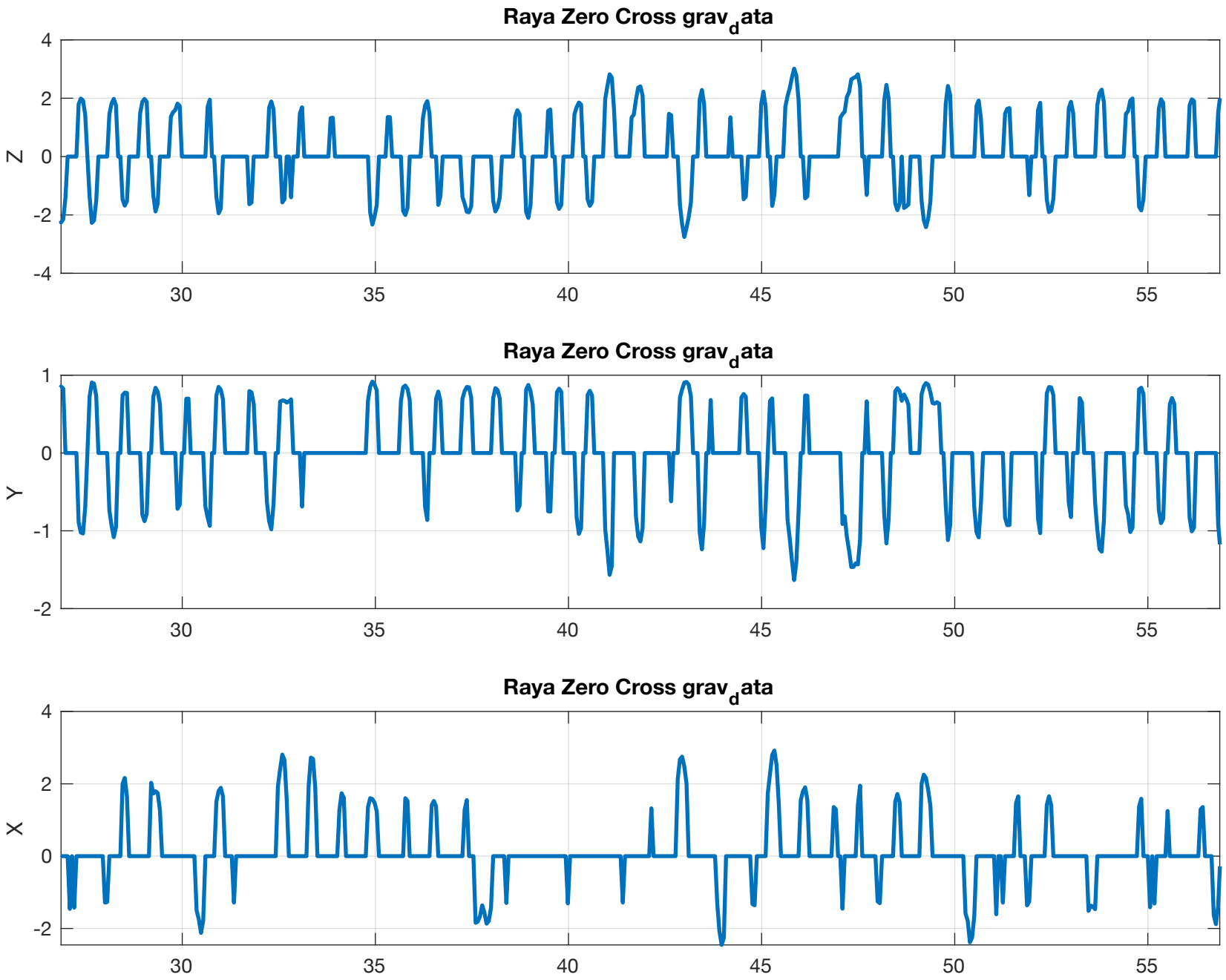
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-214.000	-213.000	-69.000	0.000	"bar_data"
"Pressure"	-217.000	-212.000	-105.000	0.000	"bar_data"


Raya gyro_data
Z
6
4
2
0
-2
-4
30
35
40
45
50
55
Raya gyro_data
Y
10
5
0
-5
-10
30
35
40
45
50
55
Raya gyro_data
X
4
2
0
-2
30
35
40
45
50
55

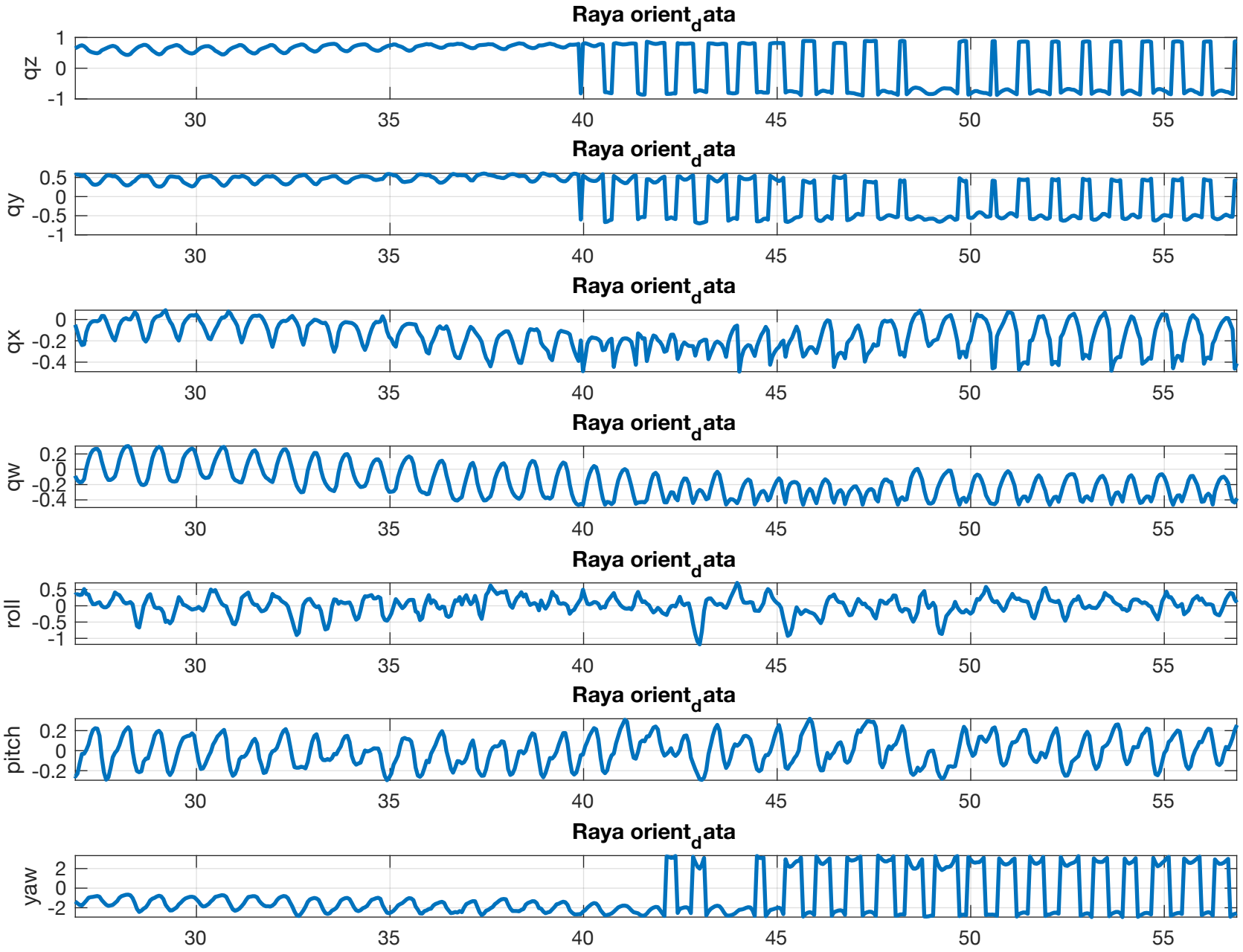

Raya Zero Cross gyro_data
Z
6
4
2
0
-2
-4
30
35
40
45
50
55
Raya Zero Cross gyro_data
Y
10
5
0
-5
-10
30
35
40
45
50
55
Raya Zero Cross gyro_data
X
4
2
0
-2
30
35
40
45
50
55

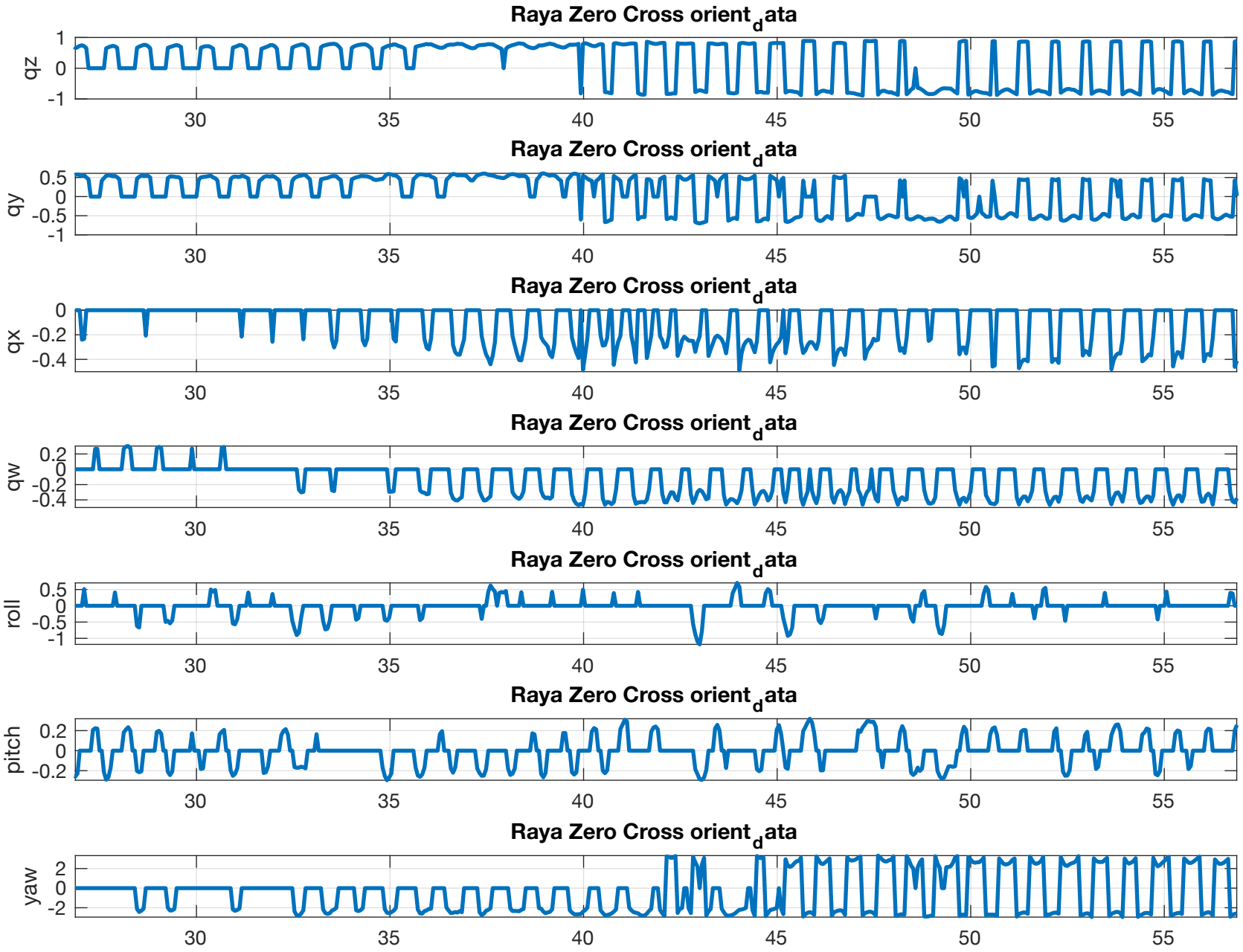
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-283.000	-156.000	-104.000	-117.000	"gyro_data"
'Y'	-223.000	-175.000	-76.000	-121.000	"gyro_data"
'X'	-351.000	-290.000	-117.000	-154.000	"gyro_data"


Raya grav_data
Z
4
2
0
-2
-4
30
35
40
45
50
55
Raya grav_data
Y
1
0
-1
-2
30
35
40
45
50
55
Raya grav_data
X
4
2
0
-2
30
35
40
45
50
55


Raya Zero Cross grav_data
Z
4
2
0
-2
-4
30
35
40
45
50
55
Raya Zero Cross grav_data
Y
1
0
-1
-2
30
35
40
45
50
55
Raya Zero Cross grav_data
X
4
2
0
-2
30
35
40
45
50
55

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-213.000	-145.000	-85.000	-82.750	"grav_data"
'Y'	-178.000	-149.000	-68.000	-84.250	"grav_data"
'X'	-227.000	-149.000	-87.000	-67.250	"grav_data"


Raya orientdata
qz
1
0
-1
30
35
40
45
50
55
Raya orientdata
qy
0.5
0
-0.5
-1
30
35
40
45
50
55
Raya orientdata
qx
0
-0.2
-0.4
30
35
40
45
50
55
Raya orientdata
qw
0.2
0
-0.2
-0.4
30
35
40
45
50
55
Raya orientdata
roll
0.5
0
-0.5
-1
30
35
40
45
50
55
Raya orientdata
pitch
0.2
0
-0.2
30
35
40
45
50
55
Raya orientdata
yaw
2
0
-2
30
35
40
45
50
55


Raya Zero Cross orientdata
qz
1
0
-1
30
35
40
45
50
55
Raya Zero Cross orientdata
qy
0.5
0
-0.5
-1
30
35
40
45
50
55
Raya Zero Cross orientdata
qx
0
-0.2
-0.4
30
35
40
45
50
55
Raya Zero Cross orientdata
qw
0.2
0
-0.2
-0.4
30
35
40
45
50
55
Raya Zero Cross orientdata
roll
0.5
0
-0.5
-1
30
35
40
45
50
55
Raya Zero Cross orientdata
pitch
0.2
0
-0.2
30
35
40
45
50
55
Raya Zero Cross orientdata
yaw
2
0
-2
30
35
40
45
50
55

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-166.000	-103.000	-55.000	-59.000	"orient_data"
'qy'	-214.000	-137.000	-62.000	-59.500	"orient_data"
'qx'	-201.000	-145.000	-68.000	-48.750	"orient_data"
'qw'	-159.000	-87.000	-28.000	-48.500	"orient_data"
'roll'	-250.000	-216.000	-87.000	-58.250	"orient_data"
'pitch'	-174.000	-143.000	-61.000	-82.750	"orient_data"
'yaw'	-207.000	-125.000	-52.000	-59.500	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"Y"	'double_findpeaks'	94.000
'bar_data'	"Relative Altitude"	'zero_cross'	0.000
'gyro_data'	"Y"	'double_findpeaks'	76.000
'grav_data'	"X"	'zero_cross'	67.250
'orient_data'	"qw"	'double_findpeaks'	28.000