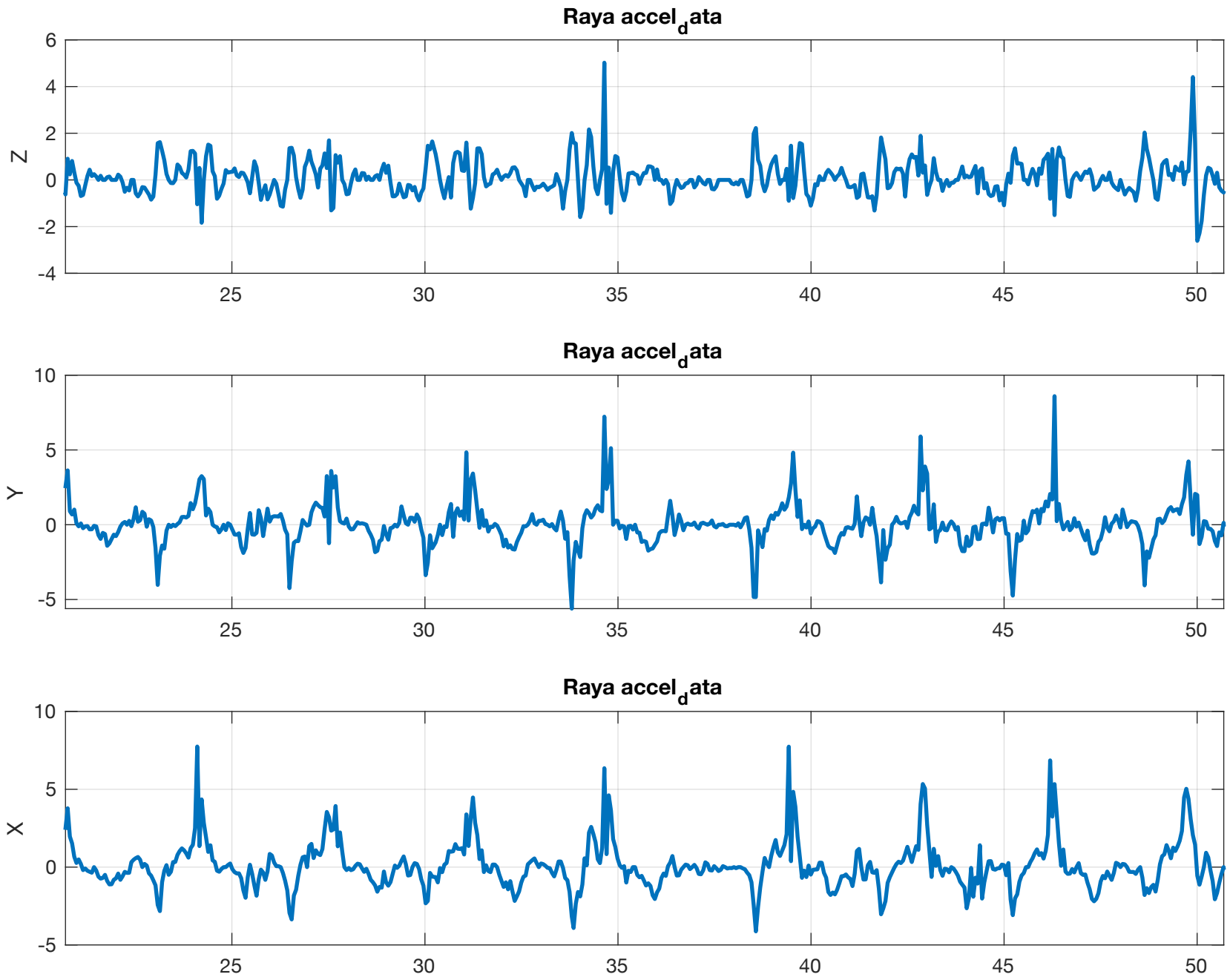
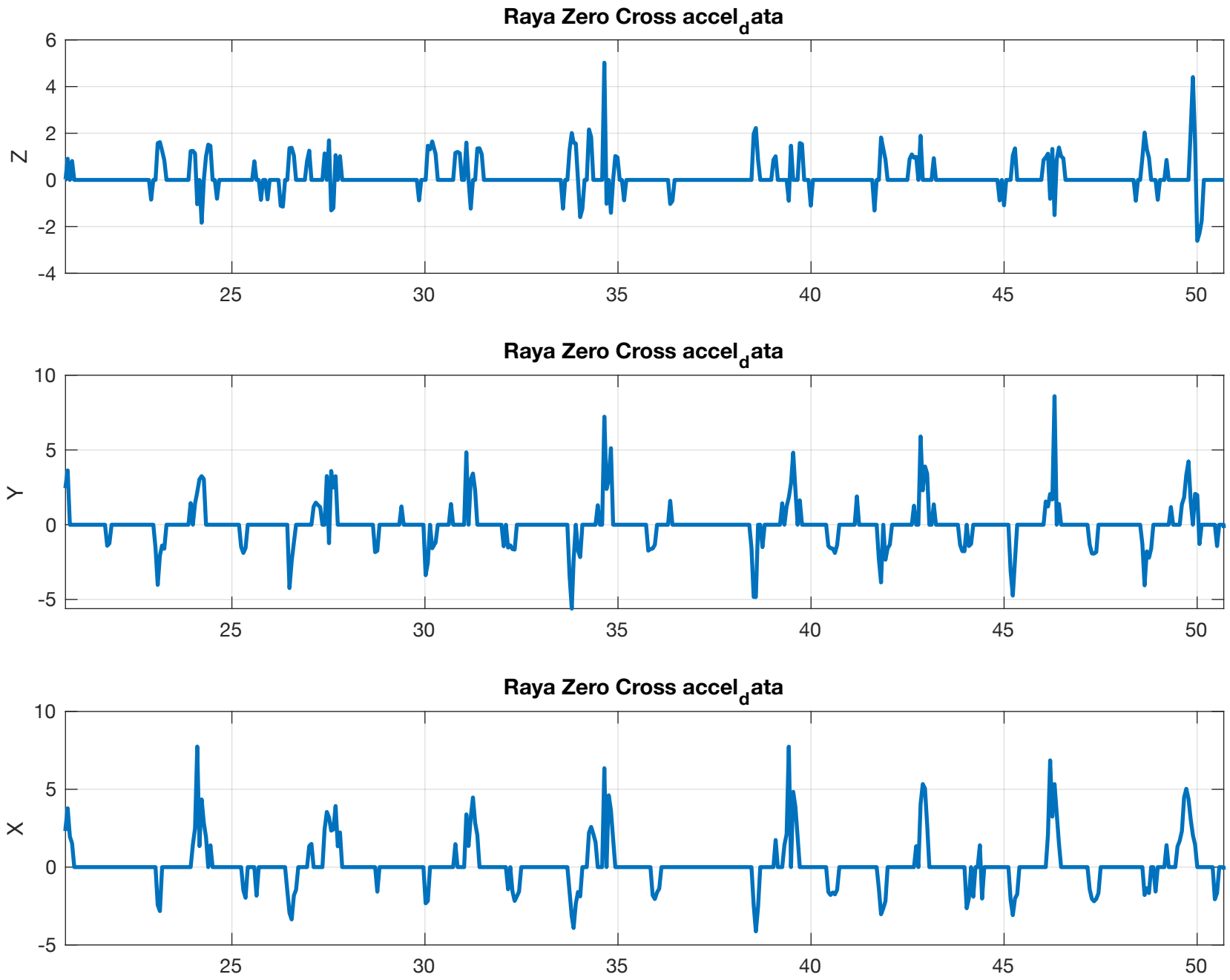
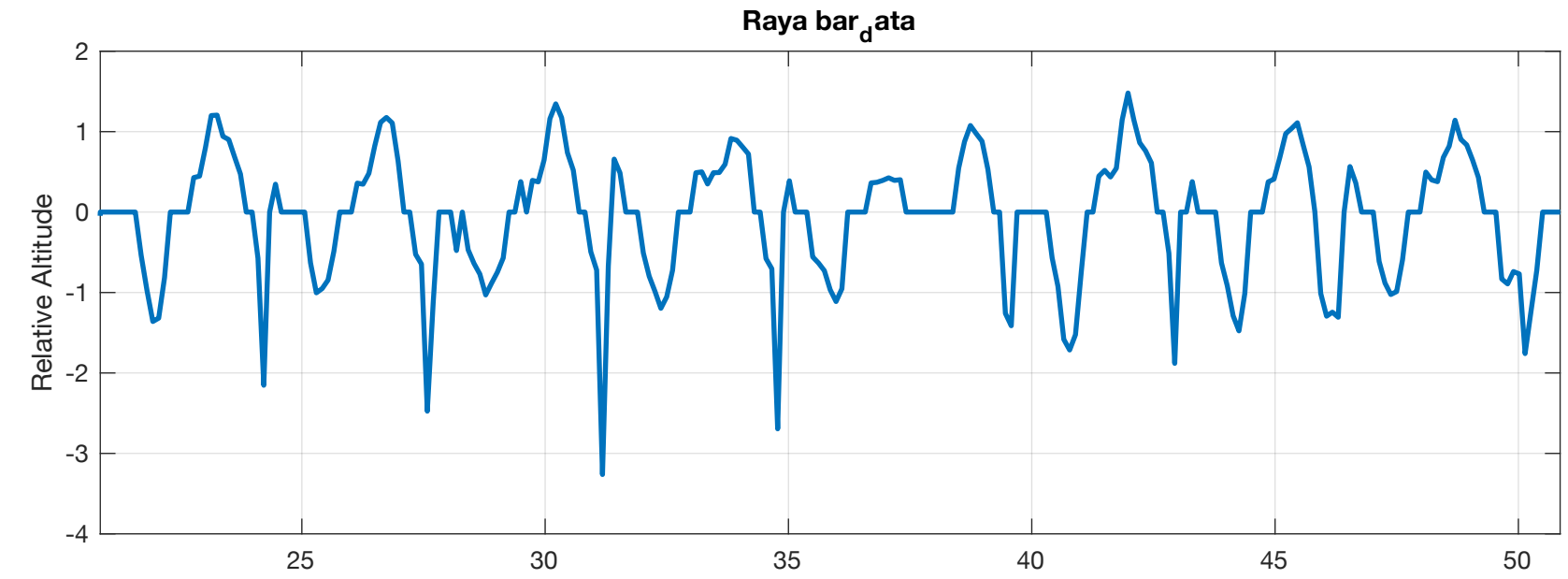
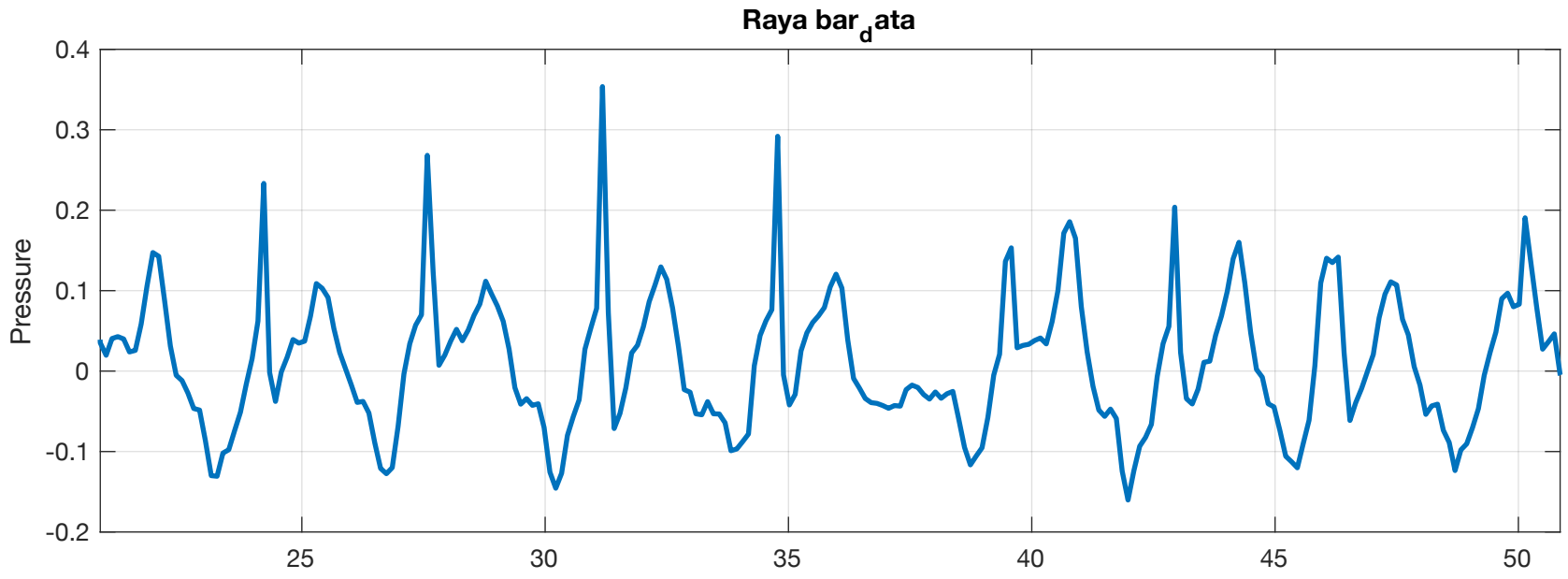
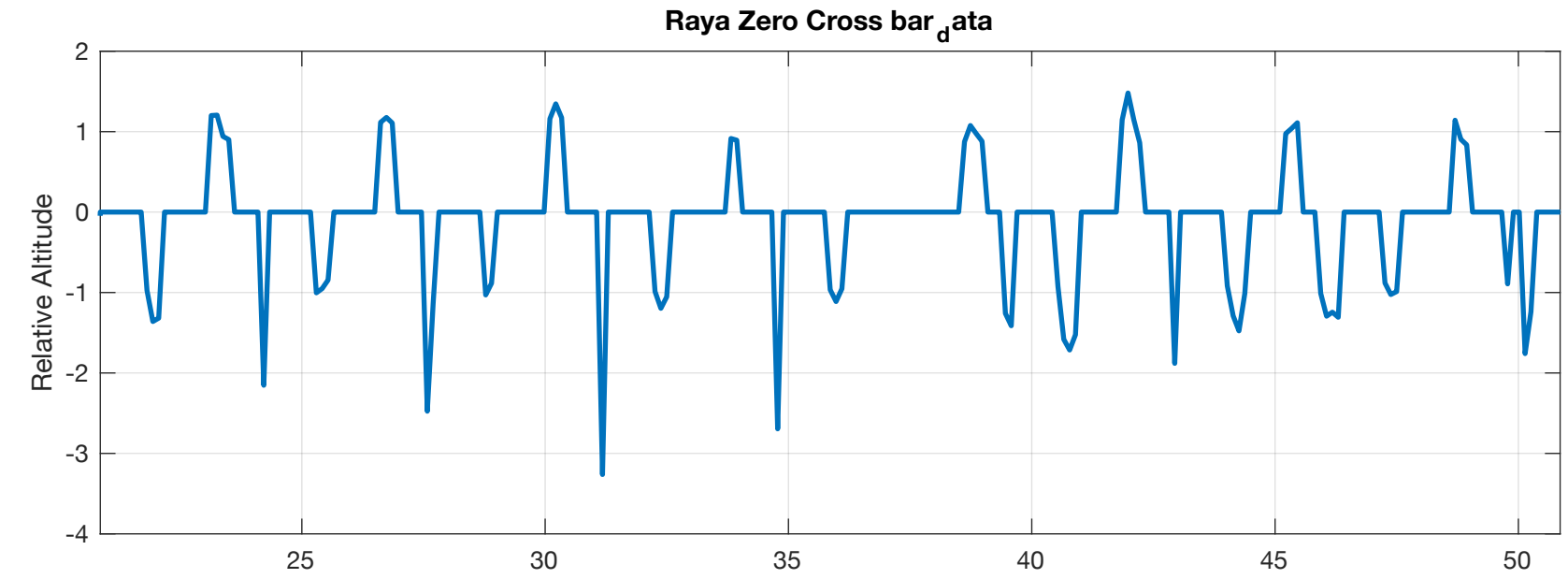

Raya accel_data
Z
6
4
2
0
-2
-4
25
30
35
40
45
50
Raya accel_data
Y
10
5
0
-5
25
30
35
40
45
50
Raya accel_data
X
10
5
0
-5
25
30
35
40
45
50

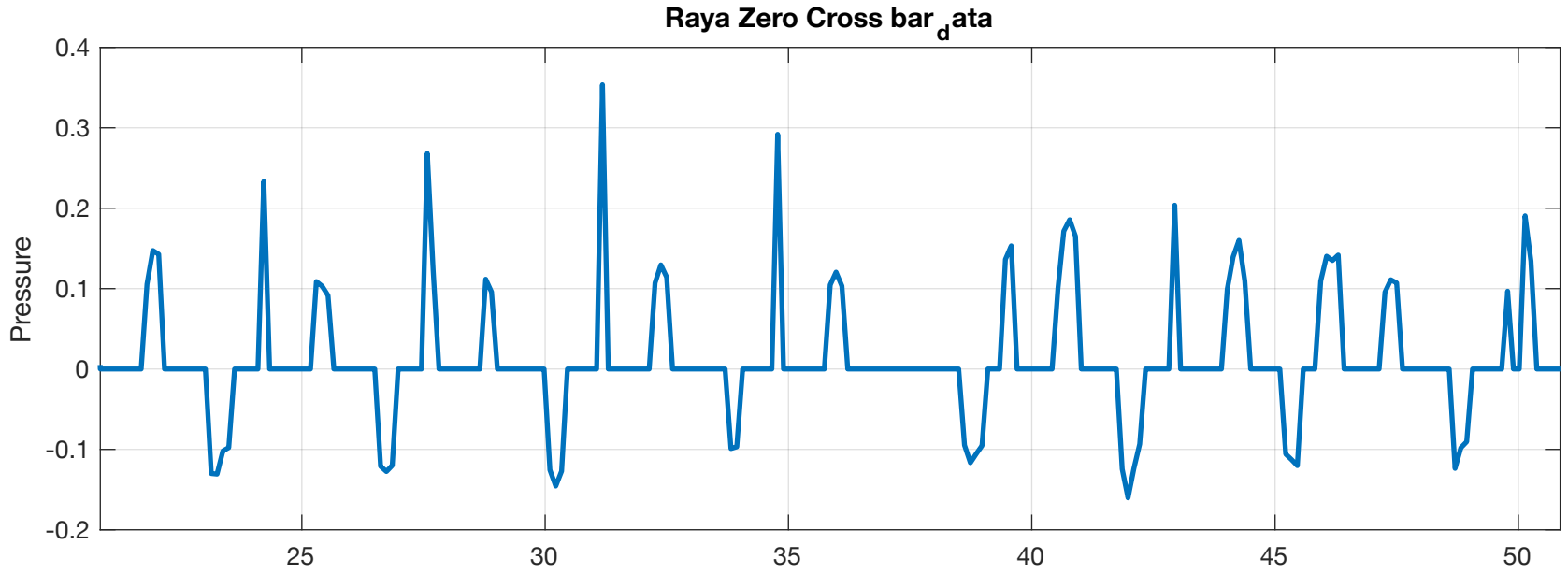

Raya Zero Cross accel_data
Z
6
4
2
0
-2
-4
25
30
35
40
45
50
Raya Zero Cross accel_data
Y
10
5
0
-5
25
30
35
40
45
50
Raya Zero Cross accel_data
X
10
5
0
-5
25
30
35
40
45
50

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-324.000	-216.000	-74.000	-67.500	"accel_data"
'Y'	-375.000	-263.000	-83.000	-48.500	"accel_data"
'X'	-315.000	-191.000	-64.000	-40.000	"accel_data"

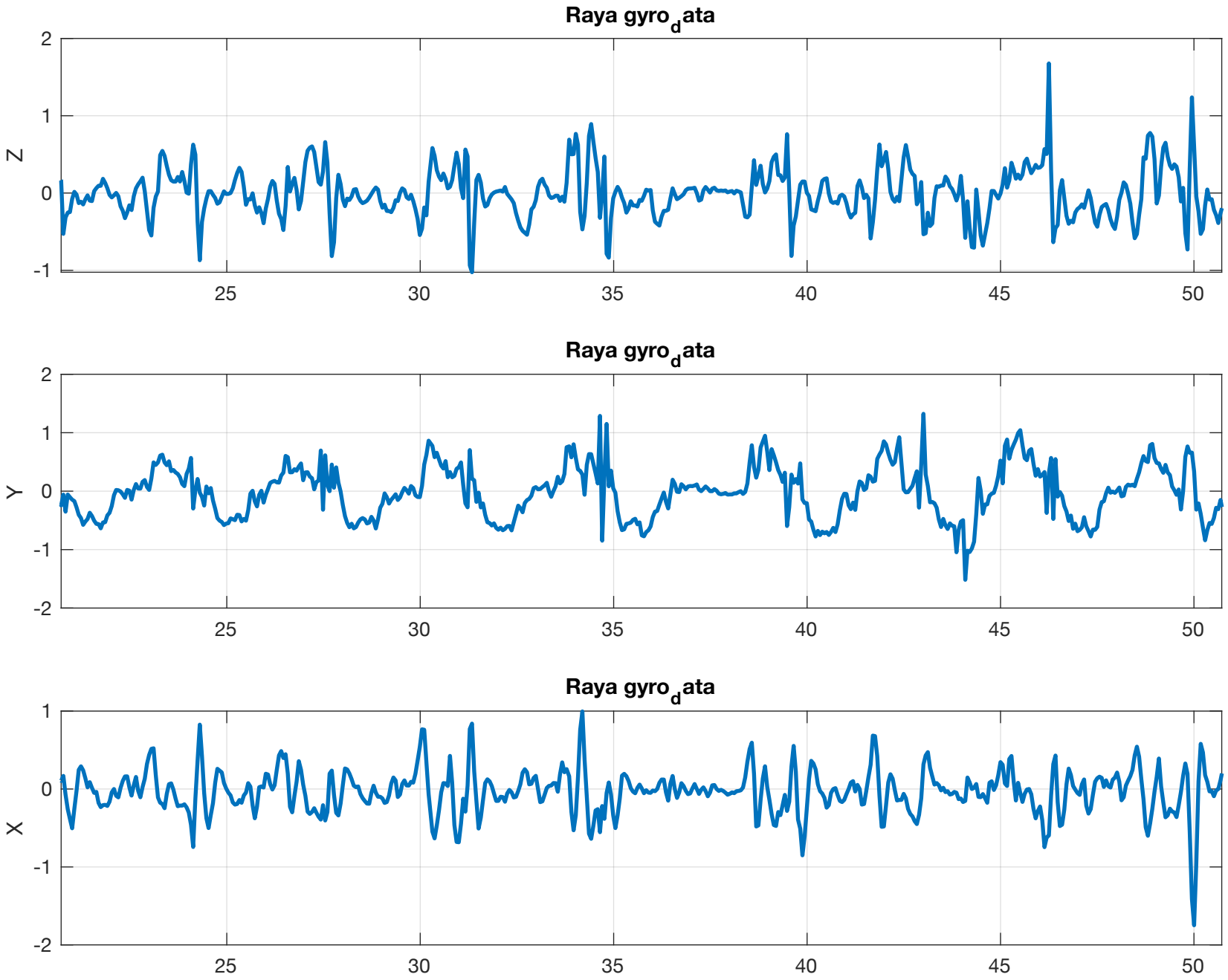

Raya bar_data
Relative Altitude
2
1
0
-1
-2
-3
-4
25
30
35
40
45
50

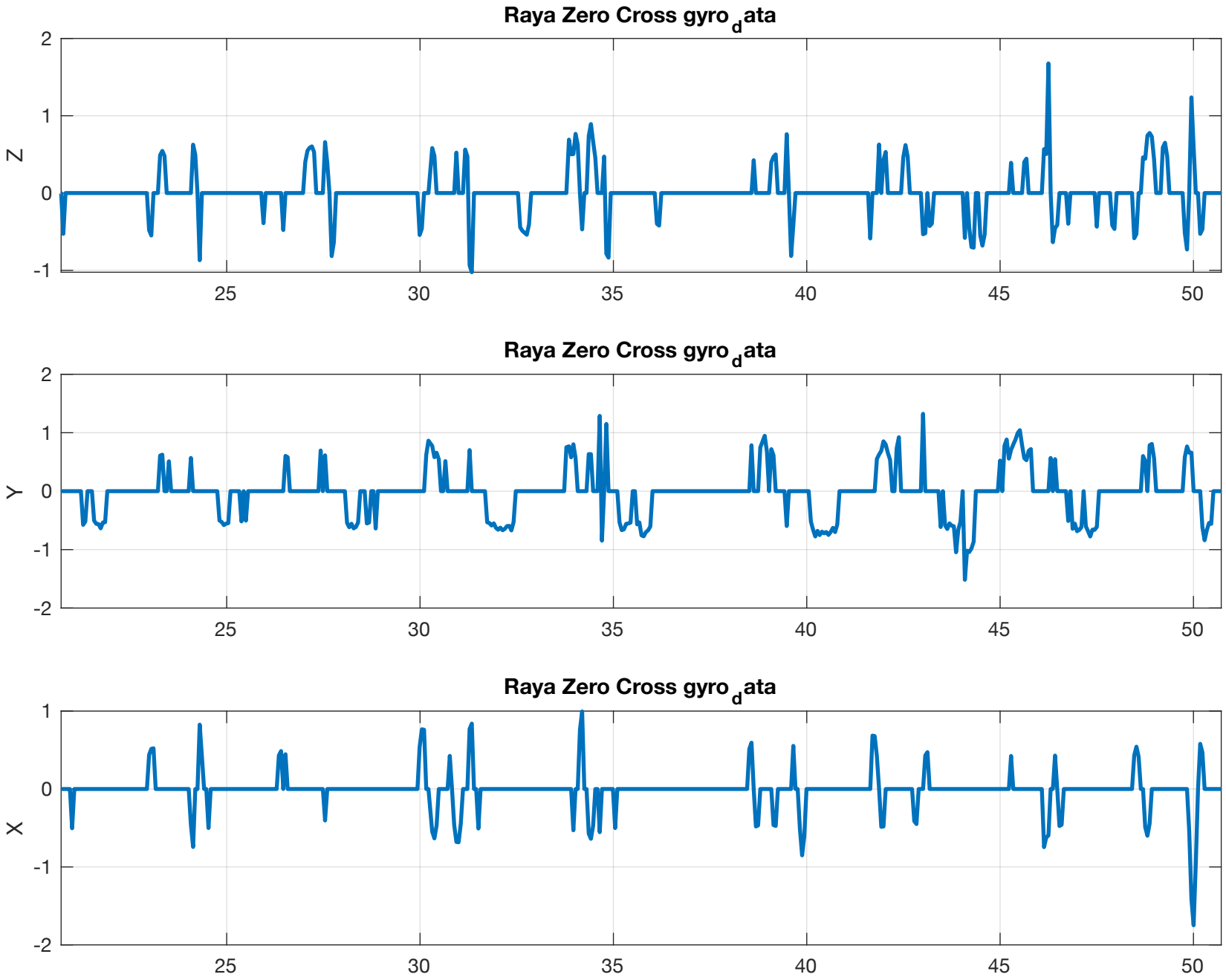

Raya bar_data
Pressure
0.4
0.3
0.2
0.1
0
-0.1
-0.2
25
30
35
40
45
50


Raya Zero Cross bar_data
Relative Altitude
2
1
0
-1
-2
-3
-4
25
30
35
40
45
50

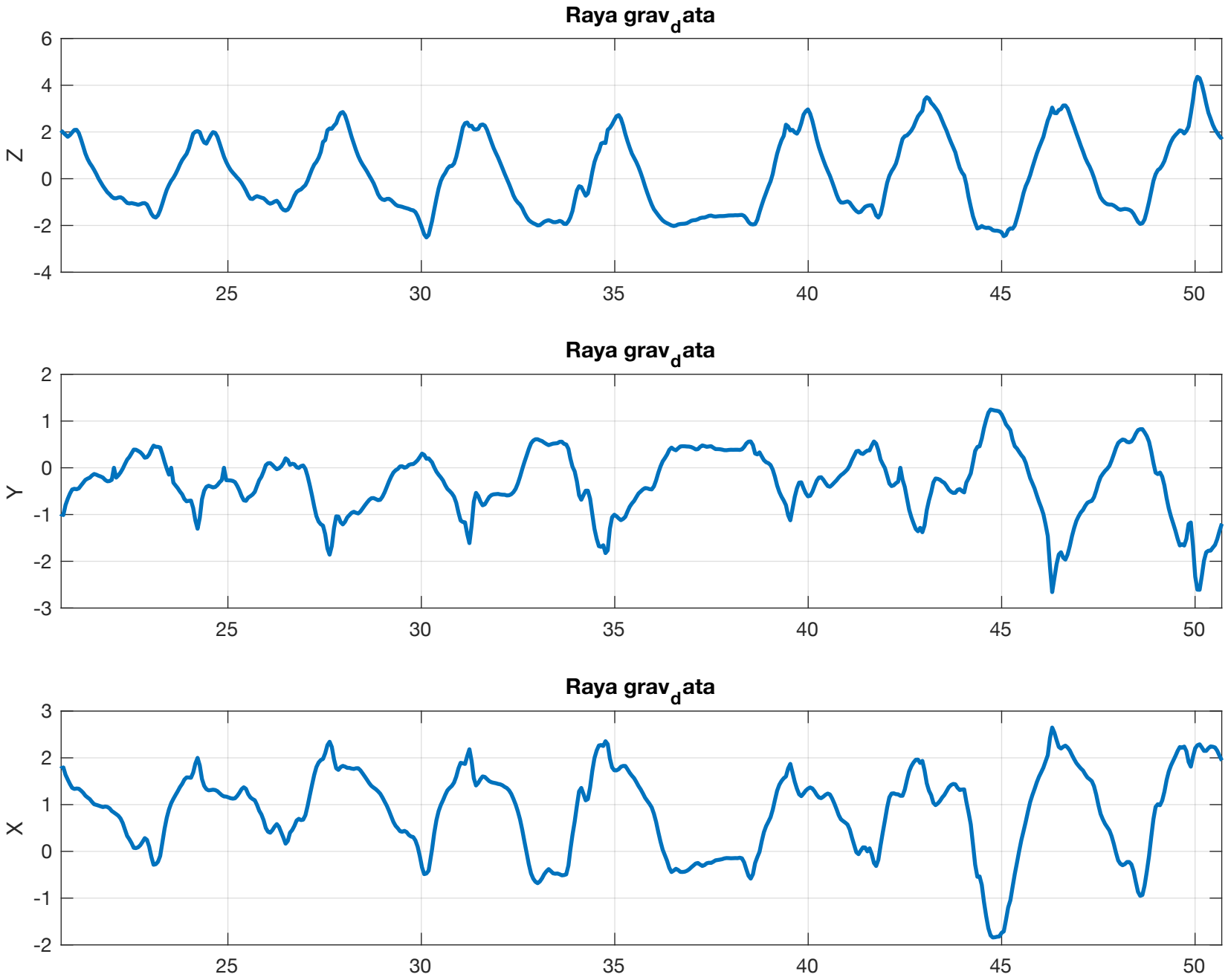

Raya Zero Cross bar_data
Pressure
0.4
0.3
0.2
0.1
0
-0.1
-0.2
25
30
35
40
45
50

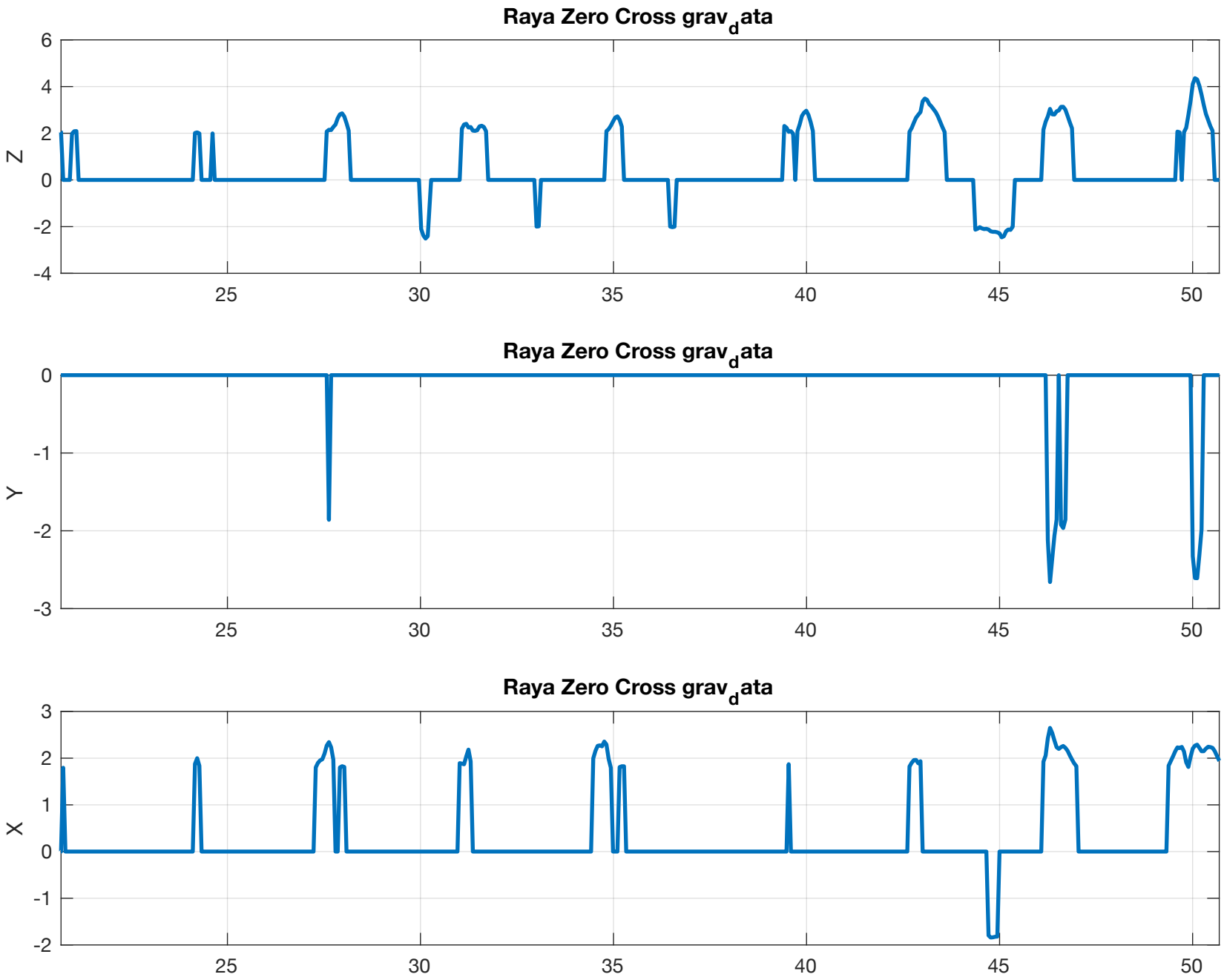
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-53.000	-32.000	-5.000	-13.500	"bar_data"
"Pressure"	-83.000	-43.000	-9.000	-13.500	"bar_data"


Raya gyro_data
Z
2
1
0
-1
25
30
35
40
45
50
Raya gyro_data
Y
2
1
0
-1
-2
25
30
35
40
45
50
Raya gyro_data
X
1
0
-1
-2
25
30
35
40
45
50

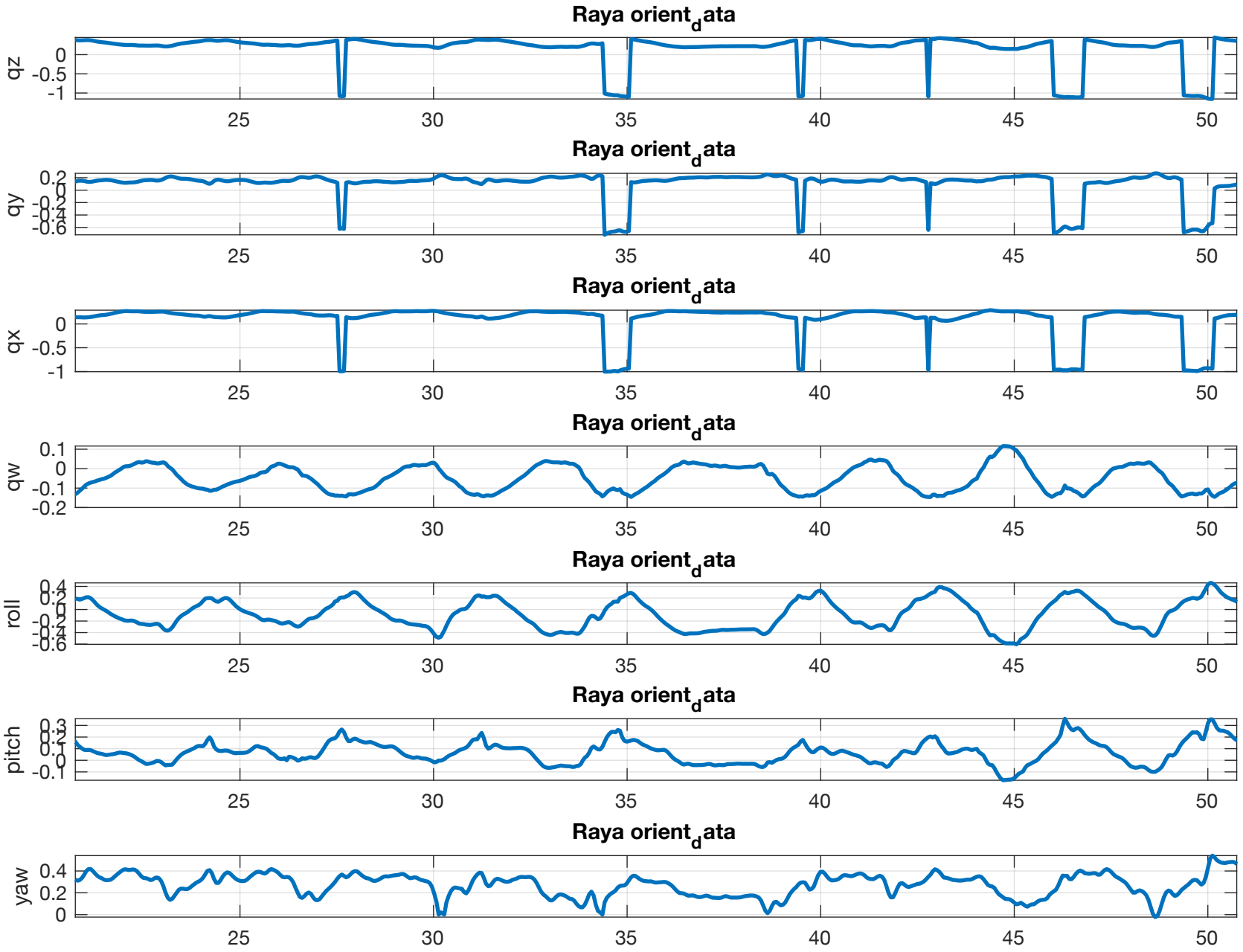

Raya Zero Cross gyro_data
Z
2
1
0
-1
25
30
35
40
45
50
Raya Zero Cross gyro_data
Y
2
1
0
-1
-2
25
30
35
40
45
50
Raya Zero Cross gyro_data
X
1
0
-1
-2
25
30
35
40
45
50

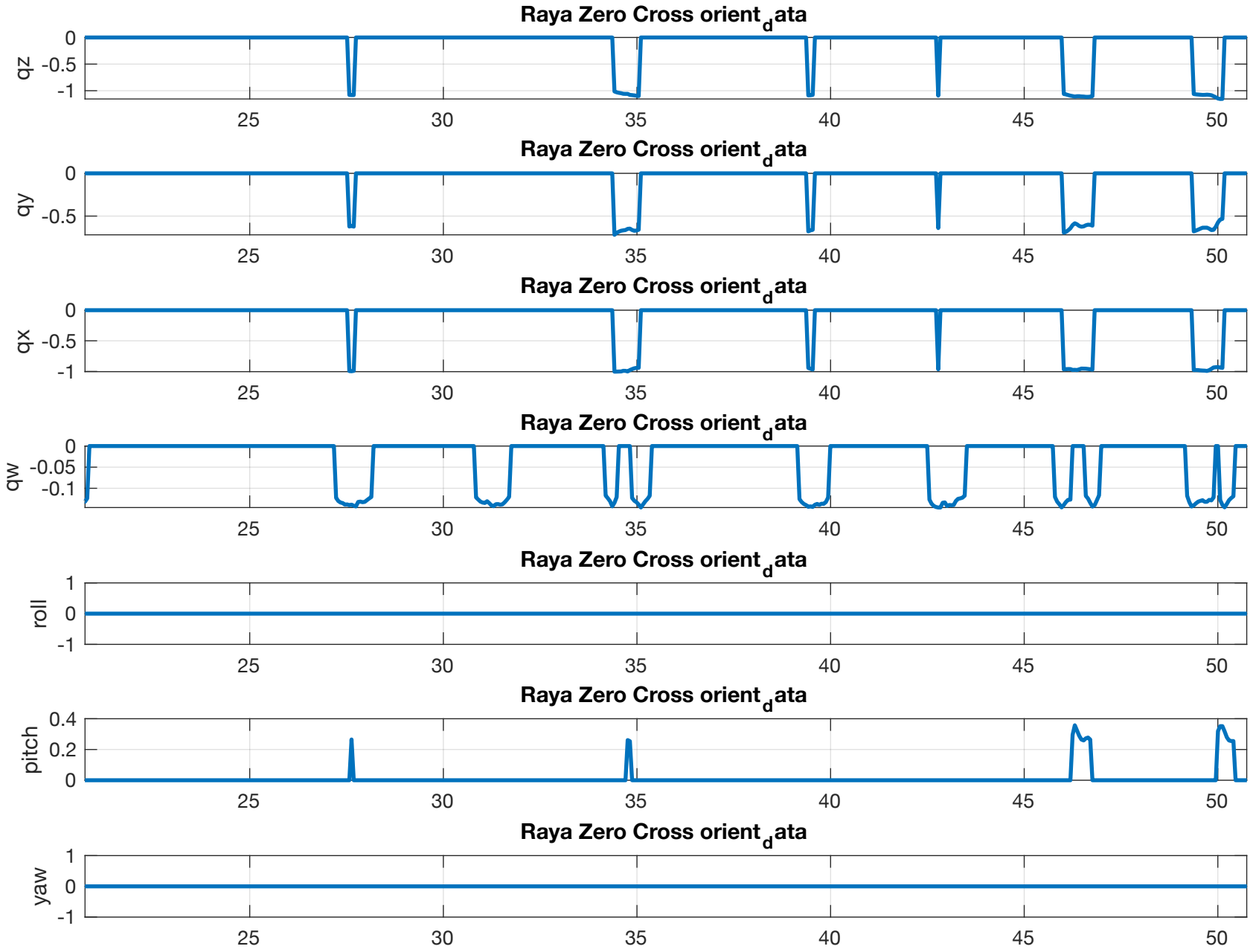
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-278.000	-195.000	-69.000	-42.000	"gyro_data"
'Y'	-321.000	-197.000	-46.000	-47.500	"gyro_data"
'X'	-250.000	-177.000	-62.000	-28.000	"gyro_data"


Raya grav_data
Z
6
4
2
0
-2
-4
25
30
35
40
45
50
Raya grav_data
Y
2
1
0
-1
-2
-3
25
30
35
40
45
50
Raya grav_data
X
3
2
1
0
-1
-2
25
30
35
40
45
50


Raya Zero Cross grav_data
Z
6
4
2
0
-2
-4
25
30
35
40
45
50
Raya Zero Cross grav_data
Y
0
-1
-2
-3
25
30
35
40
45
50
Raya Zero Cross grav_data
X
3
2
1
0
-1
-2
25
30
35
40
45
50

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-94.000	-30.000	-4.000	4.000	"grav_data"
'Y'	-101.000	-57.000	-11.000	15.500	"grav_data"
'X'	-101.000	-66.000	-5.000	6.000	"grav_data"


Raya orientdata
qz
0
-0.5
-1
25
30
35
40
45
50
Raya orientdata
qy
0.2
0
-0.2
-0.4
-0.6
25
30
35
40
45
50
Raya orientdata
qx
0
-0.5
-1
25
30
35
40
45
50
Raya orientdata
qw
0.1
0
-0.1
-0.2
25
30
35
40
45
50
Raya orientdata
roll
0.4
0.2
0
-0.2
-0.4
-0.6
25
30
35
40
45
50
Raya orientdata
pitch
0.3
0.2
0.1
0
-0.1
25
30
35
40
45
50
Raya orientdata
yaw
0.4
0.2
0
25
30
35
40
45
50


Raya Zero Cross orientdata
qz
0
-0.5
-1
25
30
35
40
45
50
Raya Zero Cross orientdata
qy
0
-0.5
25
30
35
40
45
50
Raya Zero Cross orientdata
qx
0
-0.5
-1
25
30
35
40
45
50
Raya Zero Cross orientdata
qw
0
-0.05
-0.1
25
30
35
40
45
50
Raya Zero Cross orientdata
roll
1
0
-1
25
30
35
40
45
50
Raya Zero Cross orientdata
pitch
0.4
0.2
0
25
30
35
40
45
50
Raya Zero Cross orientdata
yaw
1
0
-1
25
30
35
40
45
50

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-102.000	-84.000	-14.000	12.500	"orient_data"
'qy'	-114.000	-95.000	-12.000	12.000	"orient_data"
'qx'	-120.000	-85.000	-13.000	11.000	"orient_data"
'qw'	-115.000	-67.000	-9.000	4.000	"orient_data"
'roll'	-87.000	-34.000	-3.000	18.500	"orient_data"
'pitch'	-101.000	-55.000	-4.000	14.500	"orient_data"
'yaw'	-126.000	-115.000	-15.000	18.000	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"X"	'zero_cross'	40.000
'bar_data'	"Relative Altitude"	'double_findpeaks'	5.000
'gyro_data'	"X"	'zero_cross'	28.000
'grav_data'	"Z"	'double_findpeaks'	4.000
'orient_data'	"roll"	'double_findpeaks'	3.000