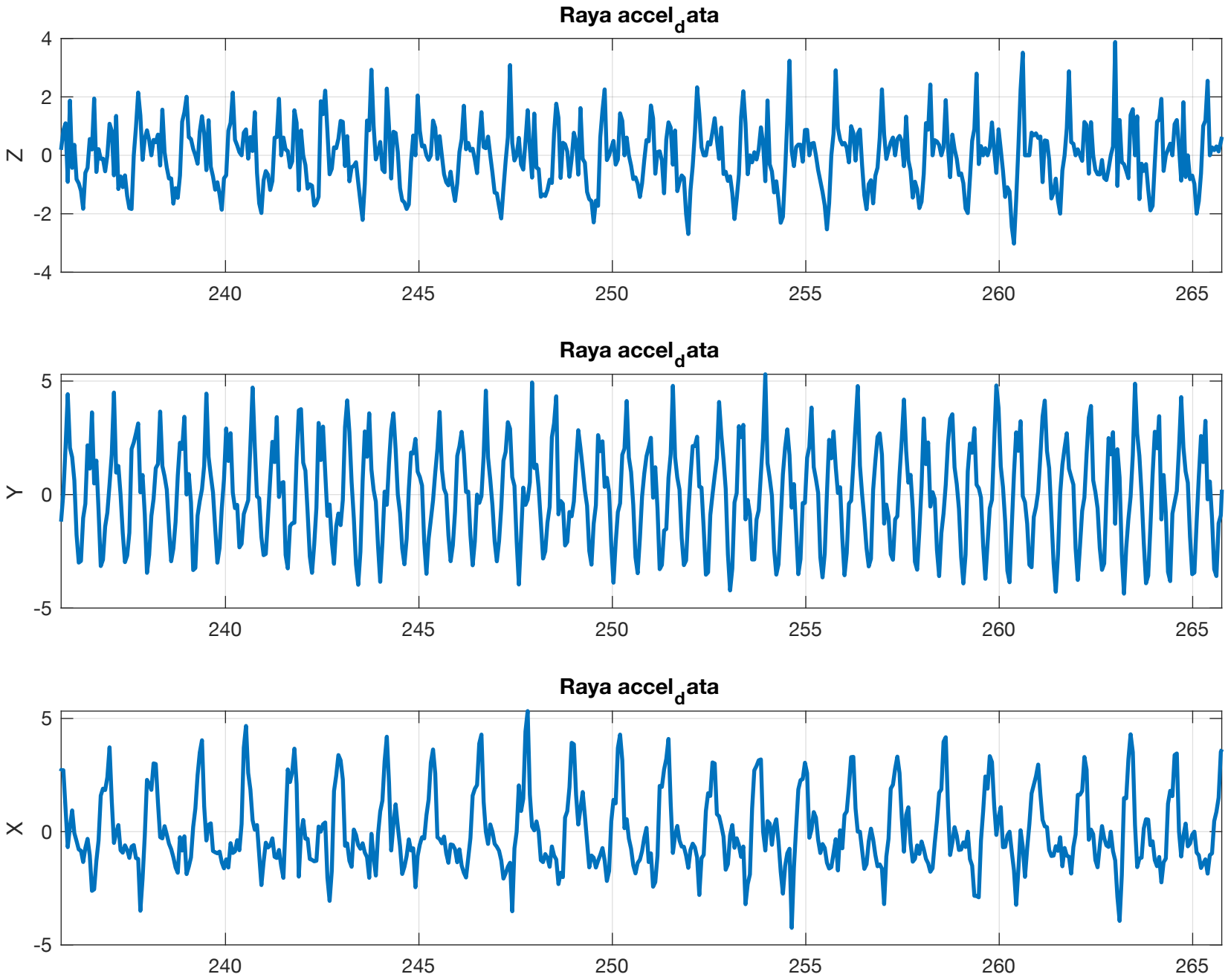
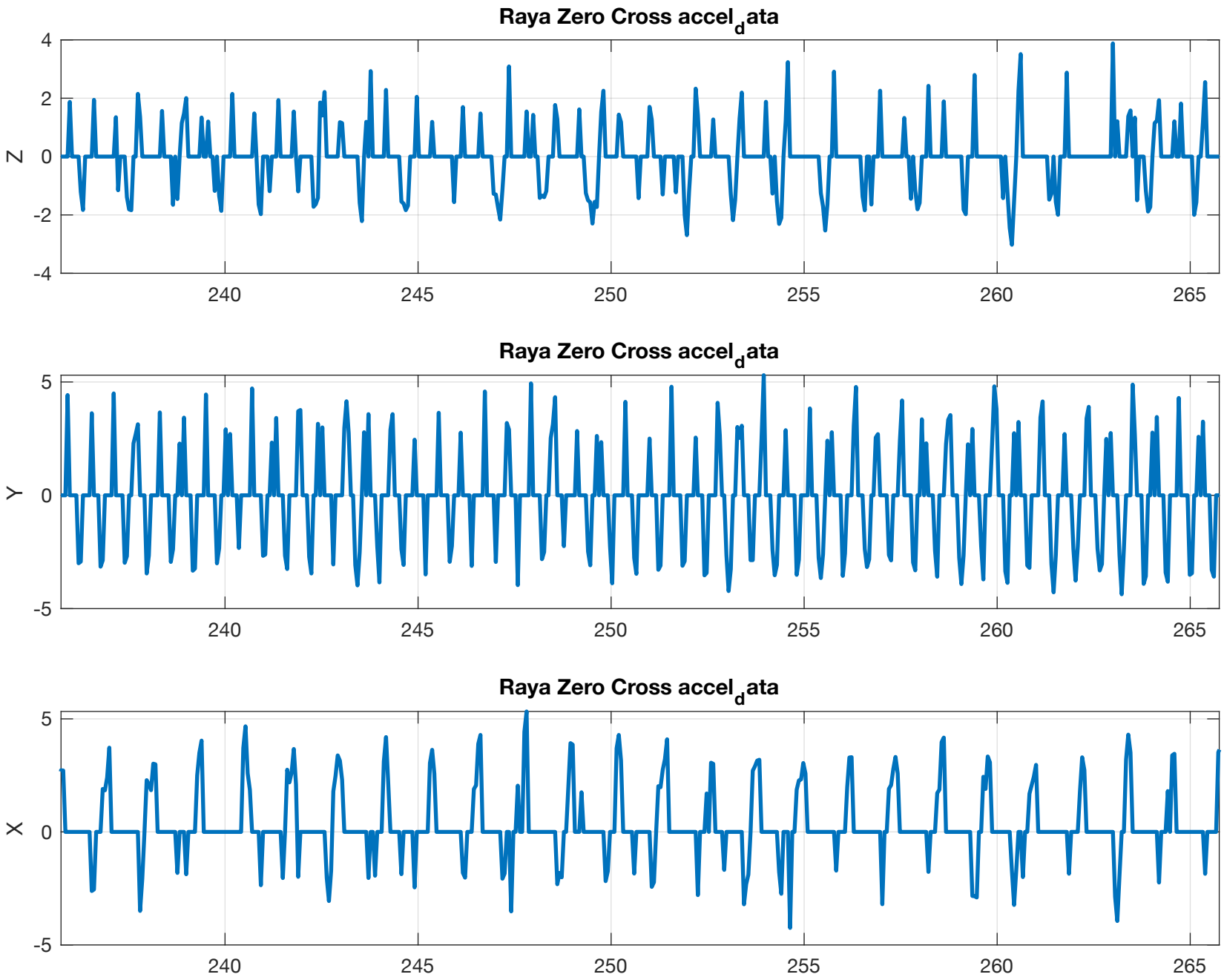
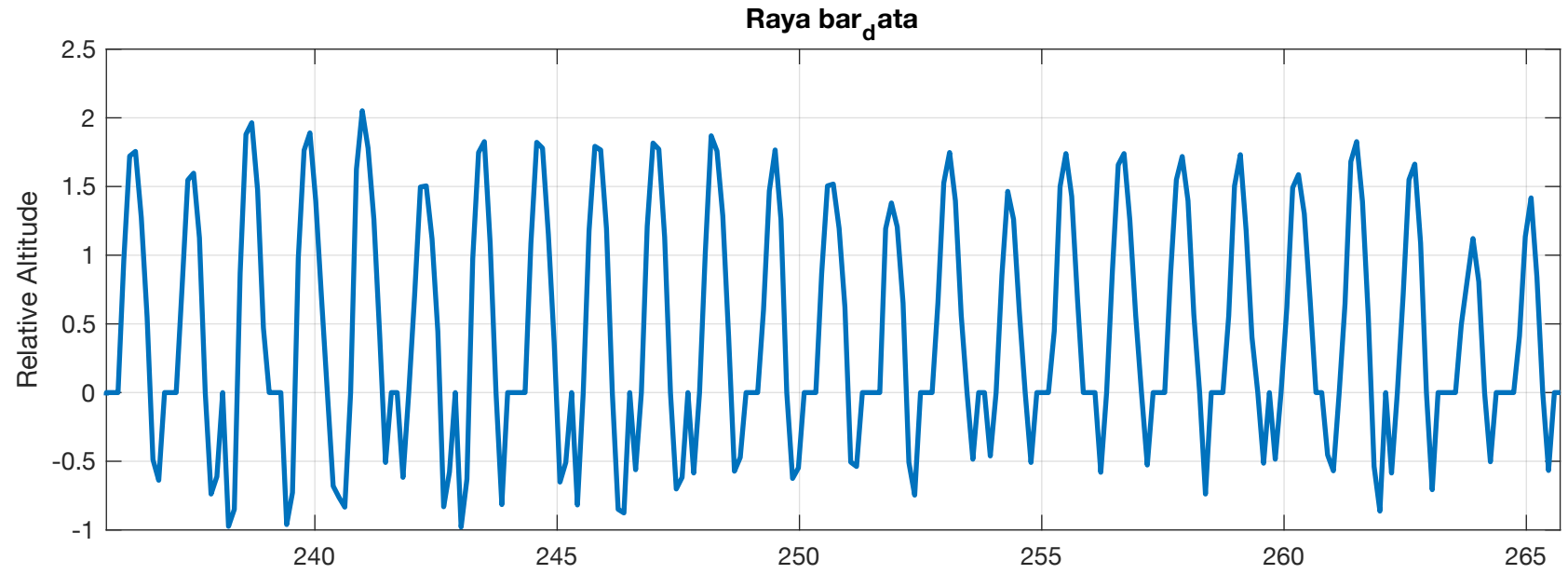
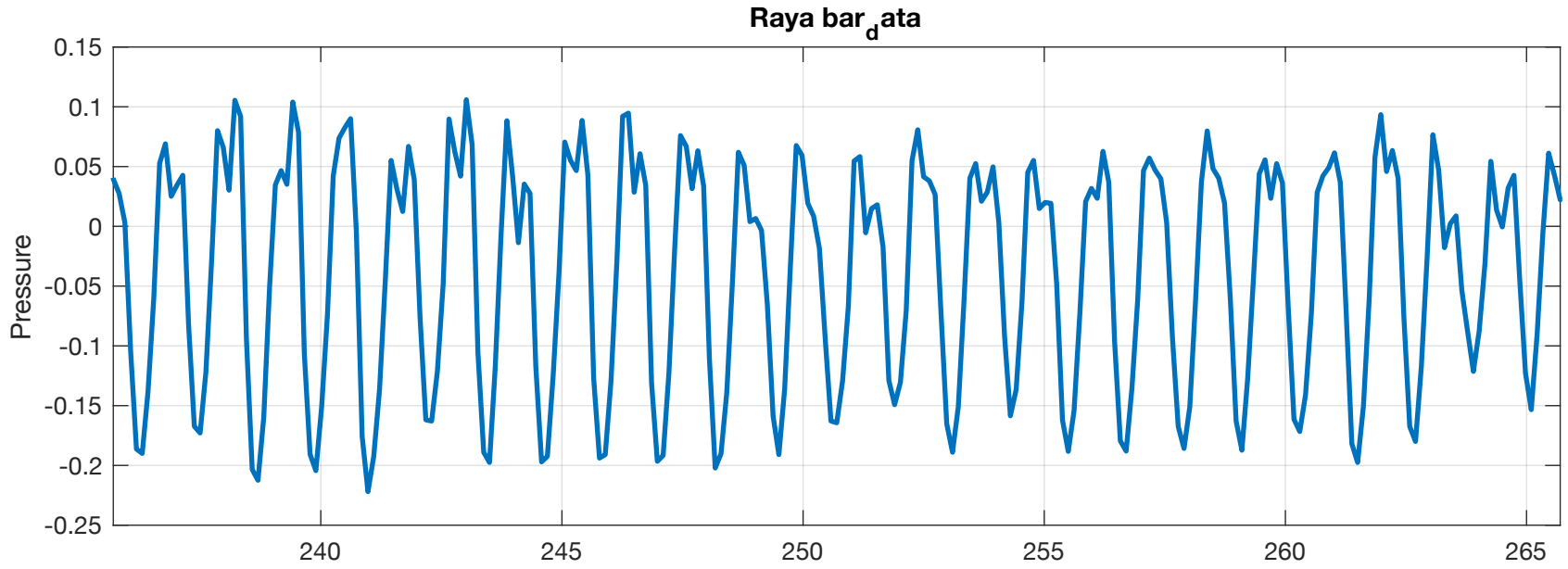
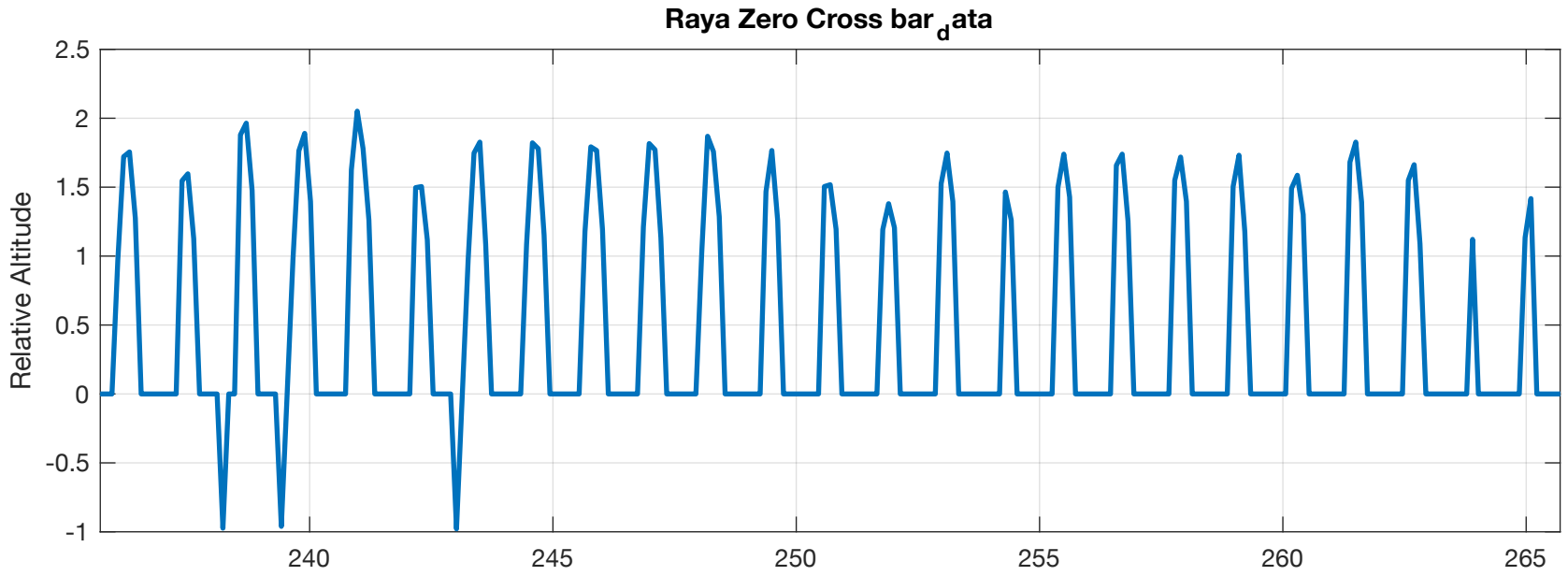

Raya accel_data
Z
4
2
0
-2
-4
240
245
250
255
260
265
Raya accel_data
Y
5
0
-5
240
245
250
255
260
265
Raya accel_data
X
5
0
-5
240
245
250
255
260
265

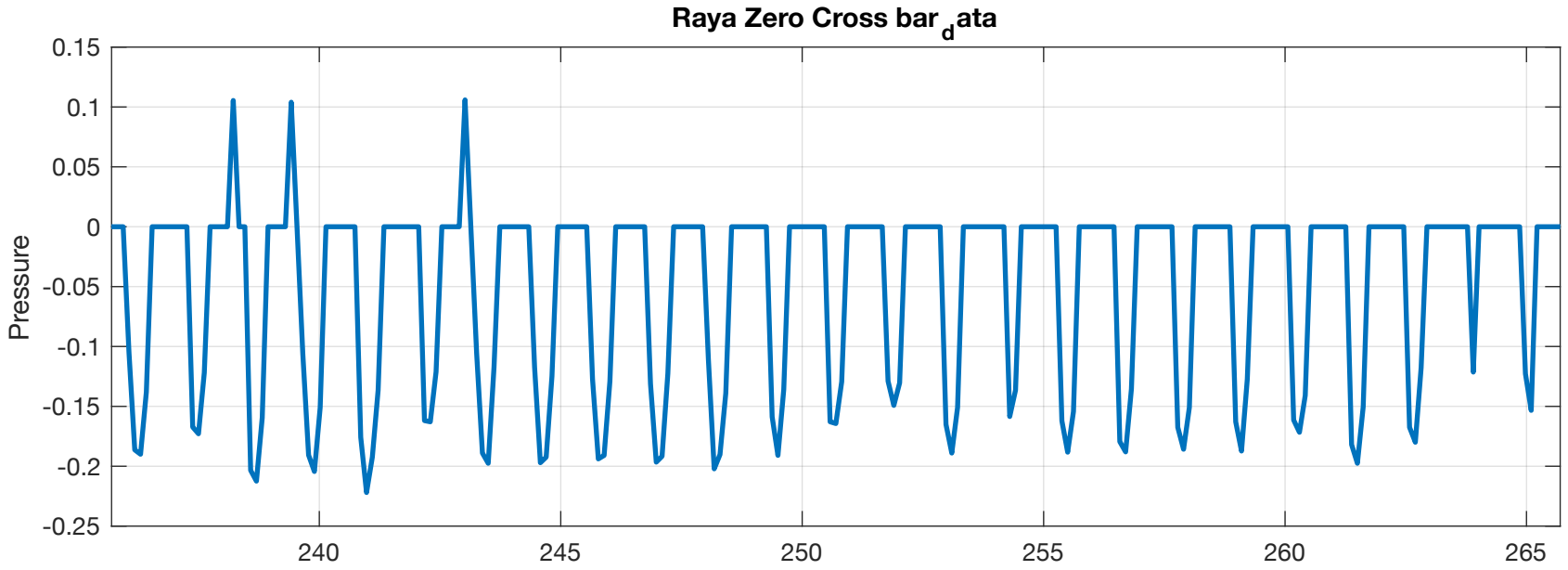

Raya Zero Cross accel_data
Z
4
2
0
-2
-4
240
245
250
255
260
265
Raya Zero Cross accel_data
Y
5
0
-5
240
245
250
255
260
265
Raya Zero Cross accel_data
X
5
0
-5
240
245
250
255
260
265

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-4139	-3308	-1436	-1372	"accel_data"
'Y'	-2749	-2430	-1063	-1631.5000	"accel_data"
'X'	-3677	-2160	-912	-1089.5000	"accel_data"

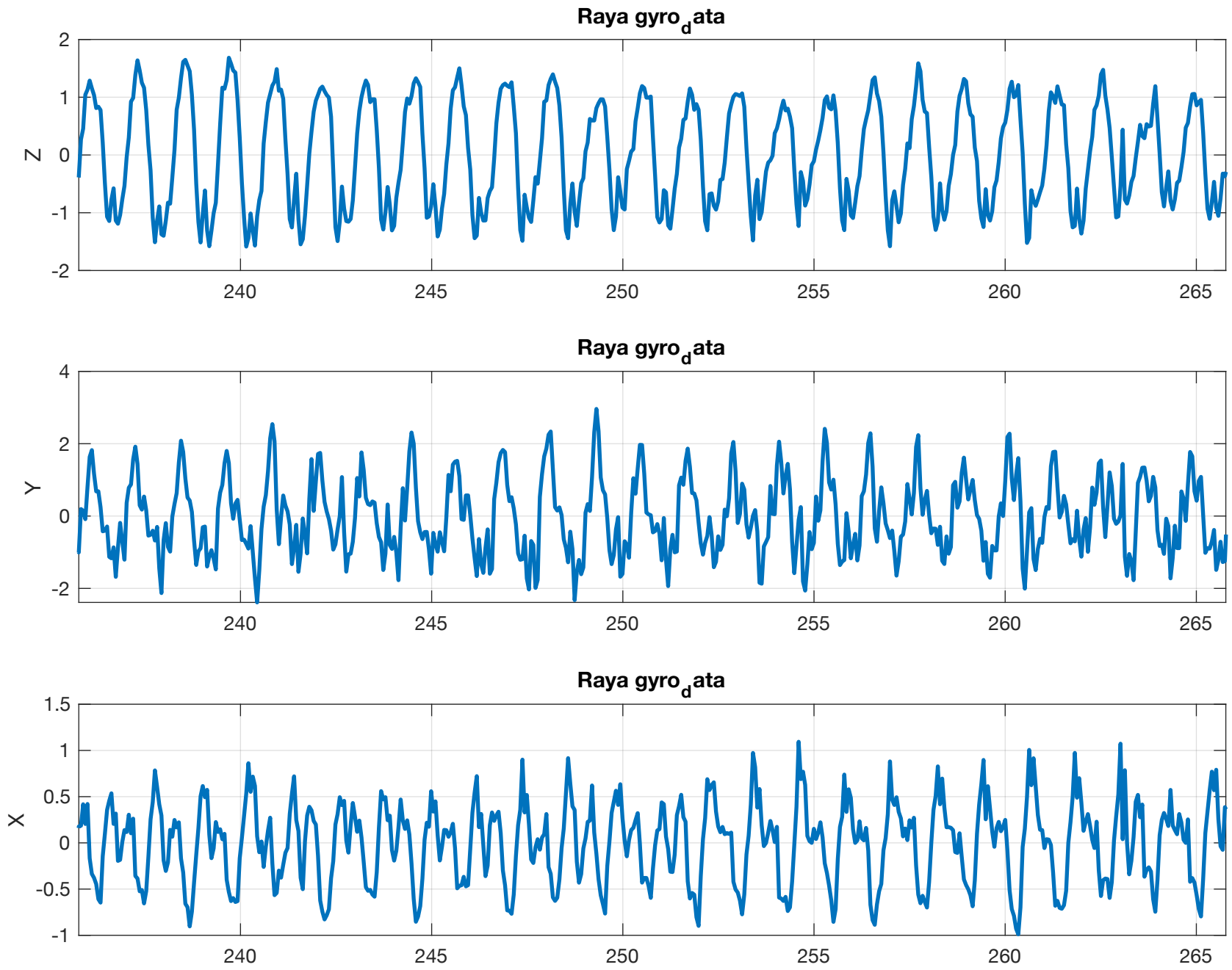

Raya bar_data
Relative Altitude
2.5
2
1.5
1
0.5
0
-0.5
-1
240
245
250
255
260
265

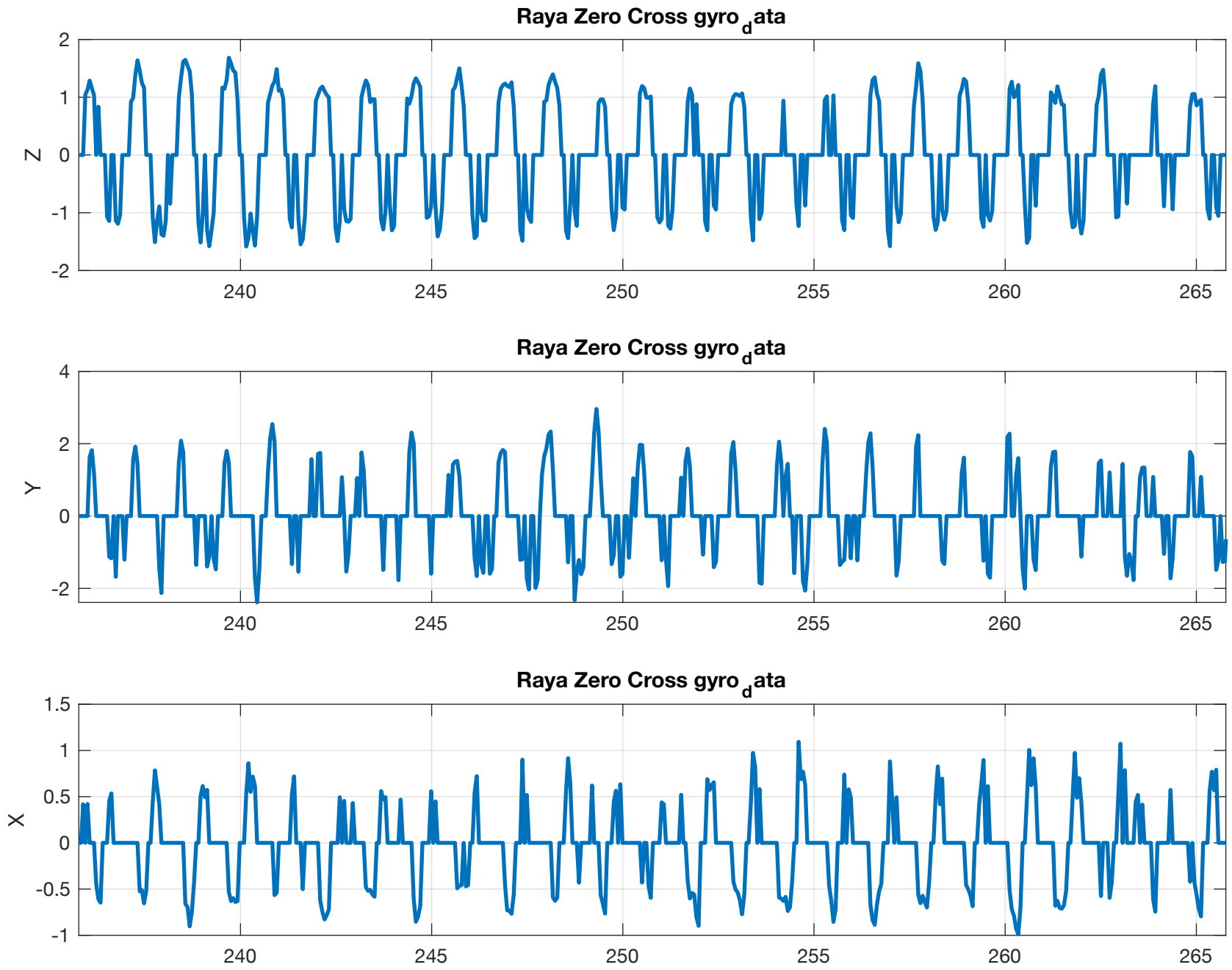

Raya bar_data
Pressure
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
-0.2
-0.25
240
245
250
255
260
265


Raya Zero Cross bar_data
Relative Altitude
2.5
2
1.5
1
0.5
0
-0.5
-1
240
245
250
255
260
265

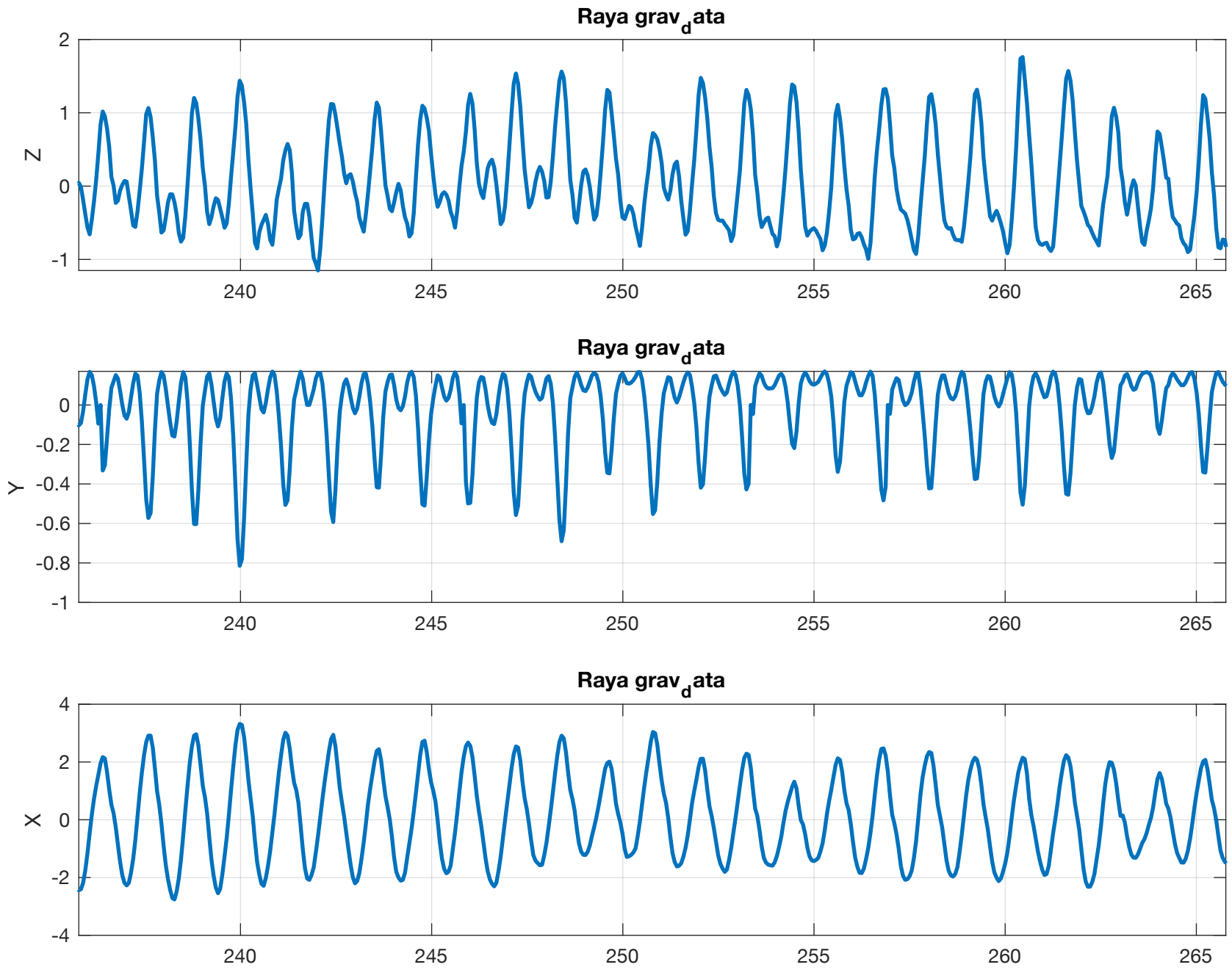

Raya Zero Cross bar_data
Pressure
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
-0.2
-0.25
240
245
250
255
260
265

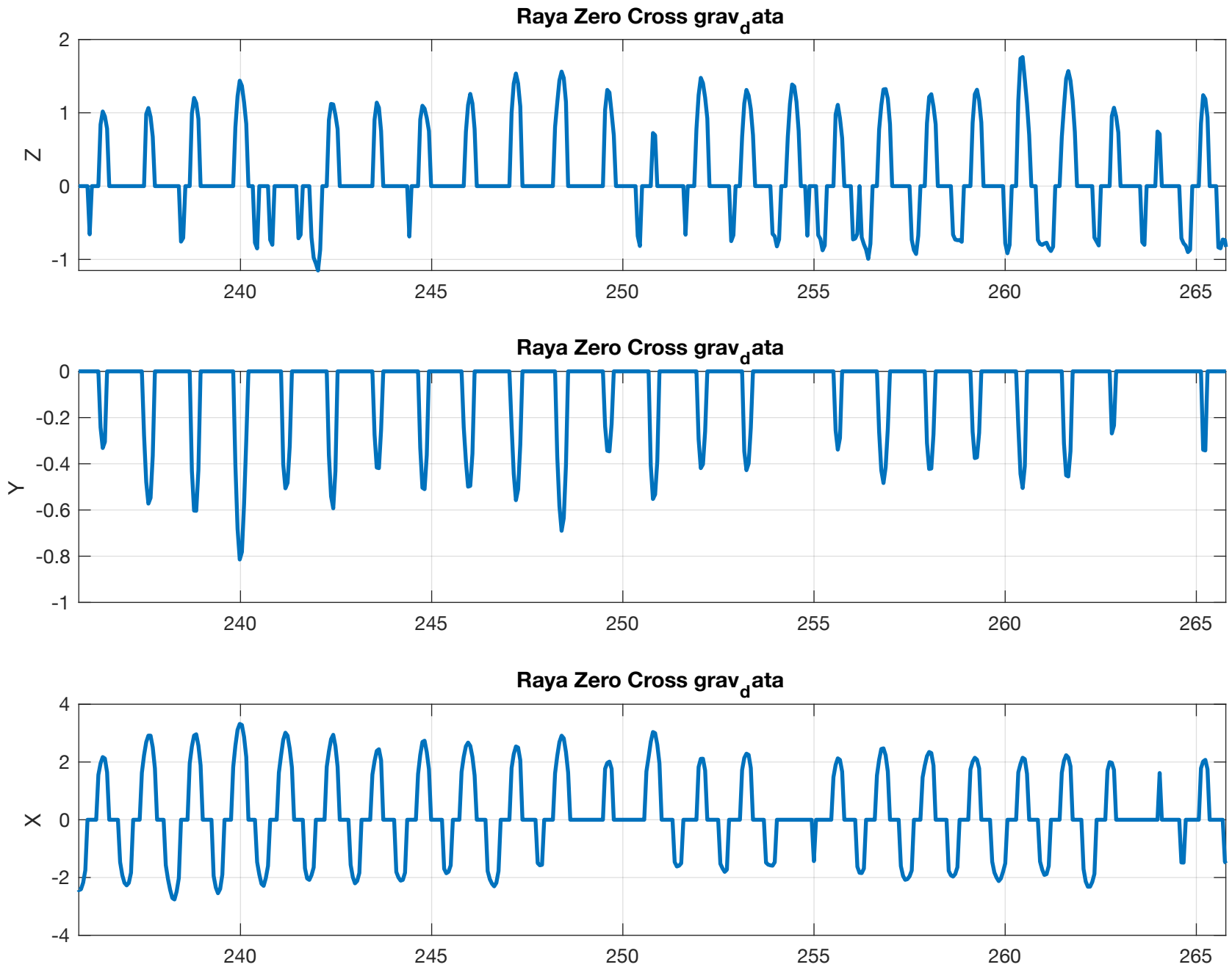
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
"Relative Altitude"	-1132	-736	-413	-494.2500	"bar_data"
"Pressure"	-1379	-1335	-545	-492.2500	"bar_data"


Raya gyro_data
Z
2
1
0
-1
-2
240
245
250
255
260
265
Raya gyro_data
Y
4
2
0
-2
240
245
250
255
260
265
Raya gyro_data
X
1.5
1
0.5
0
-0.5
-1
240
245
250
255
260
265

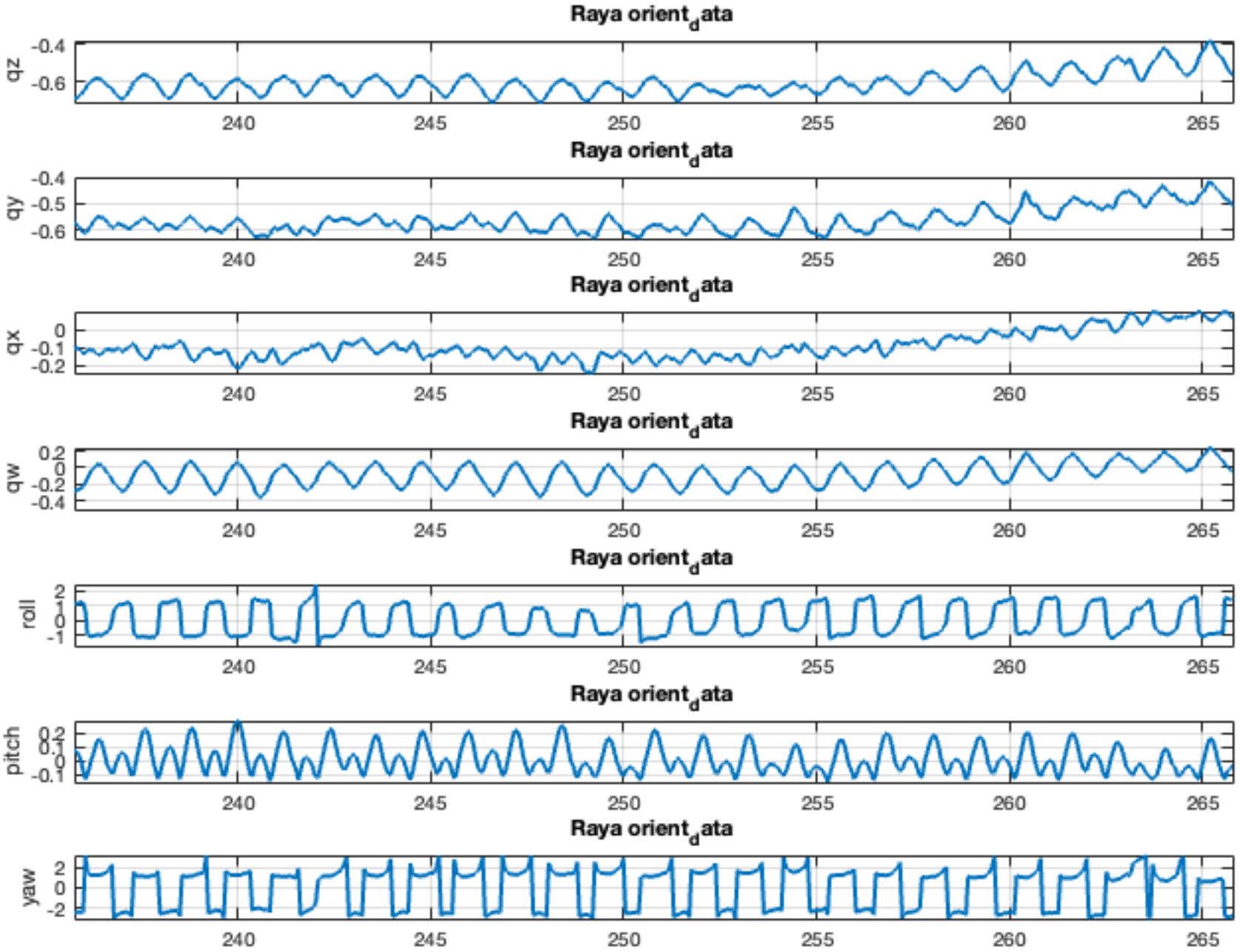

Raya Zero Cross gyro_data
Z
2
1
0
-1
-2
240
245
250
255
260
265
Raya Zero Cross gyro_data
Y
4
2
0
-2
240
245
250
255
260
265
Raya Zero Cross gyro_data
X
1.5
1
0.5
0
-0.5
-1
240
245
250
255
260
265

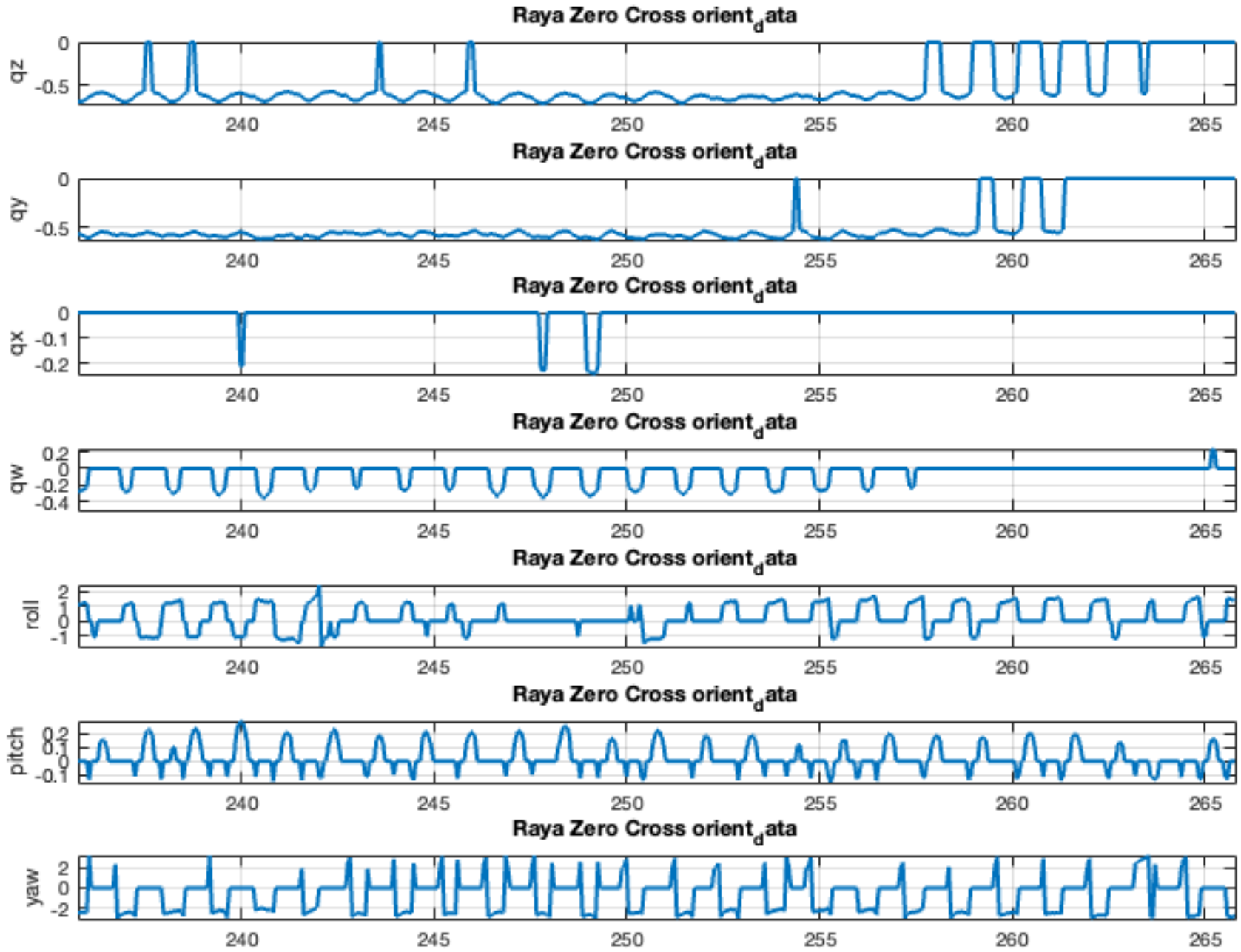
Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-2745	-1810	-824	-992.2500	"gyro_data"
'Y'	-3768	-2475	-891	-1374	"gyro_data"
'X'	-3617	-3054	-1161	-1162	"gyro_data"


Raya grav_data
Z
2
1
0
-1
240
245
250
255
260
265
Raya grav_data
Y
0
-0.2
-0.4
-0.6
-0.8
-1
240
245
250
255
260
265
Raya grav_data
X
4
2
0
-2
-4
240
245
250
255
260
265


Raya Zero Cross grav_data
Z
2
1
0
-1
240
245
250
255
260
265
Raya Zero Cross grav_data
Y
0
-0.2
-0.4
-0.6
-0.8
-1
240
245
250
255
260
265
Raya Zero Cross grav_data
X
4
2
0
-2
-4
240
245
250
255
260
265

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'Z'	-1592	-1024	-684	-701.7500	"grav_data"
'Y'	-1663	-1570	-626	-262.2500	"grav_data"
'X'	-862	-778	-260	-572.7500	"grav_data"


Raya orientdata
qz
-0.4
-0.6
240
245
250
255
260
265
Raya orientdata
qy
-0.4
-0.5
-0.6
240
245
250
255
260
265
Raya orientdata
qx
0
-0.1
-0.2
240
245
250
255
260
265
Raya orientdata
qw
0.2
0
-0.2
-0.4
240
245
250
255
260
265
Raya orientdata
roll
2
1
0
-1
240
245
250
255
260
265
Raya orientdata
pitch
0.2
0.1
0
-0.1
240
245
250
255
260
265
Raya orientdata
yaw
2
0
-2
240
245
250
255
260
265


Raya Zero Cross orientdata
qz
0
-0.5
240
245
250
255
260
265
Raya Zero Cross orientdata
qy
0
-0.5
240
245
250
255
260
265
Raya Zero Cross orientdata
qx
0
-0.1
-0.2
240
245
250
255
260
265
Raya Zero Cross orientdata
qw
0.2
0
-0.2
-0.4
240
245
250
255
260
265
Raya Zero Cross orientdata
roll
2
0
-1
240
245
250
255
260
265
Raya Zero Cross orientdata
pitch
0.2
0
-0.1
240
245
250
255
260
265
Raya Zero Cross orientdata
yaw
2
0
-2
240
245
250
255
260
265

Axis	findpeaks	findpeaks_above_zero	double_findpeaks	zero_cross	Sensor
'qz'	-1189	-614	-209	-194	"orient_data"
'qy'	-2283	-1146	-386	-152	"orient_data"
'qx'	-2533	-1198	-373	-109.2500	"orient_data"
'qw'	-1093	-737	-242	-243.2500	"orient_data"
'roll'	-1895	-1263	-632	-601	"orient_data"
'pitch'	-1595	-1189	-755	-870.7500	"orient_data"
'yaw'	-2040	-1407	-659	-695.5000	"orient_data"

Sensor	Sensor Axis	Method	Error
'accel_data'	"X"	'double_findpeaks'	912
'bar_data'	"Relative Altitude"	'double_findpeaks'	413
'gyro_data'	"Z"	'double_findpeaks'	824
'grav_data'	"X"	'double_findpeaks'	260
'orient_data'	"qx"	'zero_cross'	109.25