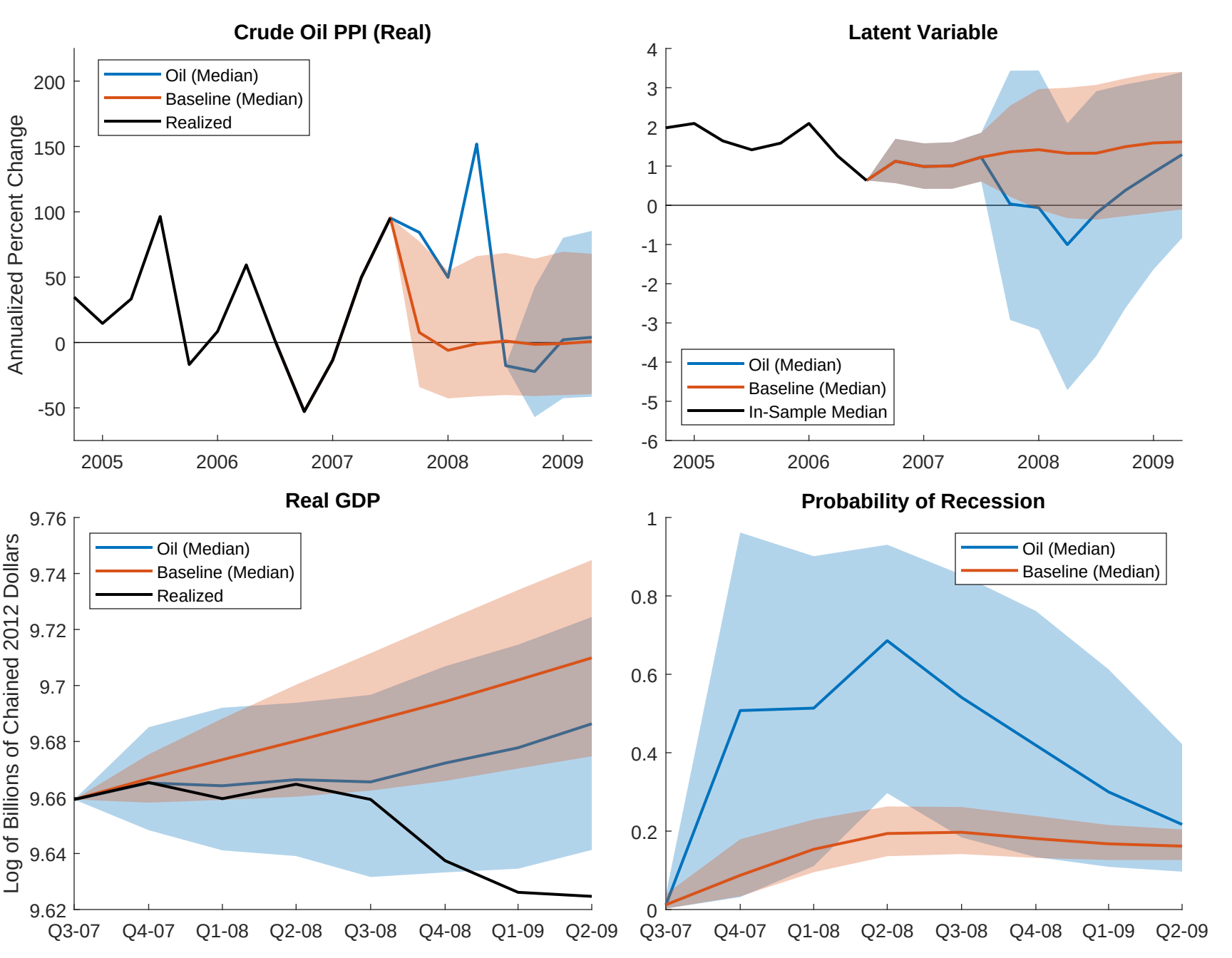

Crude Oil PPI (Real)
Annualized Percent Change
Oil (Median)
Baseline (Median)
Realized
200
150
100
50
0
-50
2005
2006
2007
2008
2009
Latent Variable
4
3
2
1
0
-1
-2
-3
-4
-5
-6
Oil (Median)
Baseline (Median)
In-Sample Median
2005
2006
2007
2008
2009
Real GDP
Log of Billions of Chained 2012 Dollars
Oil (Median)
Baseline (Median)
Realized
9.76
9.74
9.72
9.7
9.68
9.66
9.64
9.62
Q3-07
Q4-07
Q1-08
Q2-08
Q3-08
Q4-08
Q1-09
Q2-09
Probability of Recession
Oil (Median)
Baseline (Median)
1
0.8
0.6
0.4
0.2
0
Q3-07
Q4-07
Q1-08
Q2-08
Q3-08
Q4-08
Q1-09
Q2-09