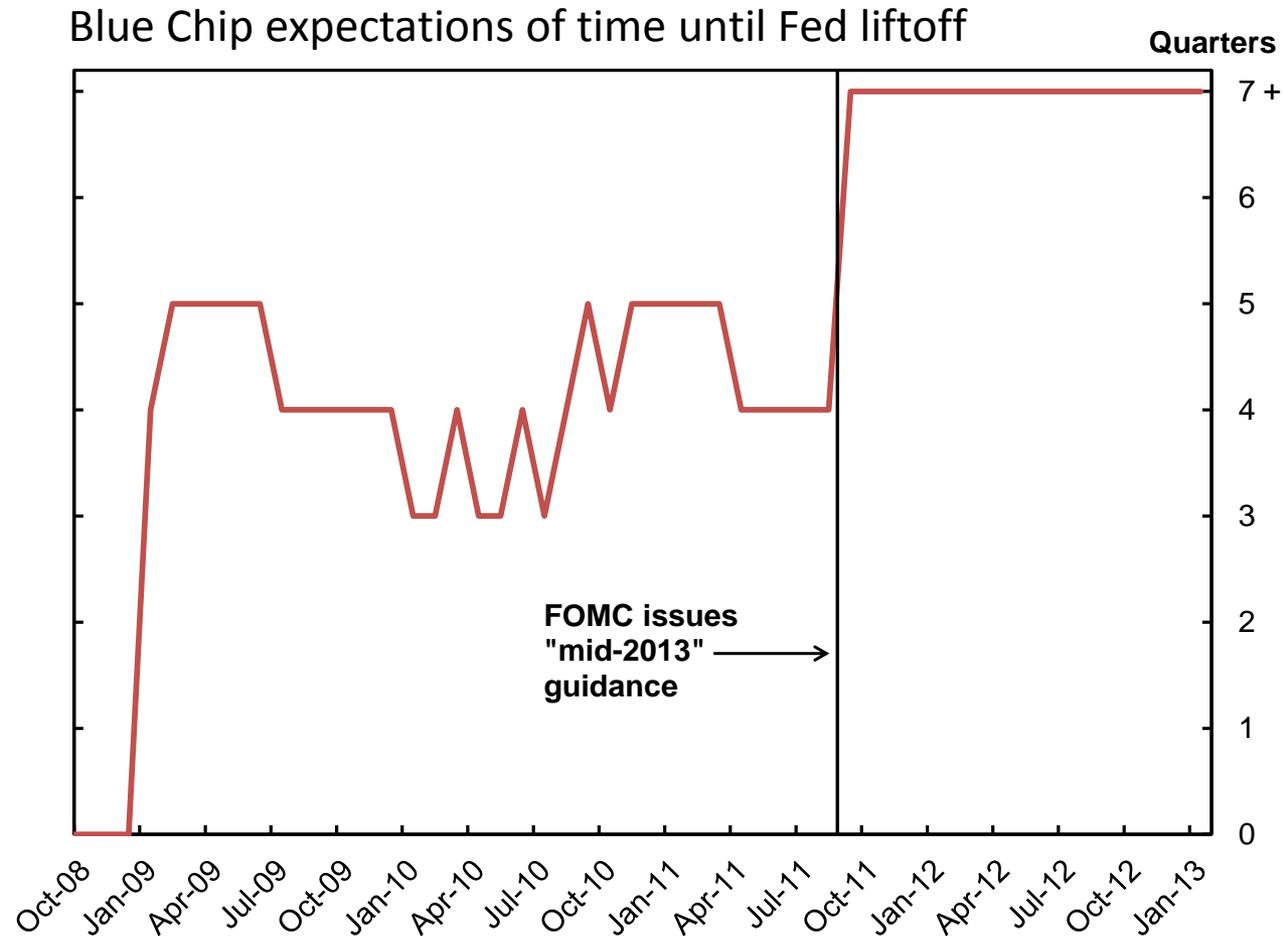


Figure 1: Date-based forward guidance



Note: Number of quarters until federal funds rate expected to rise above 37.5 basis points.
Source: Swanson and Williams (2014a), from Blue Chip Consensus Survey data.

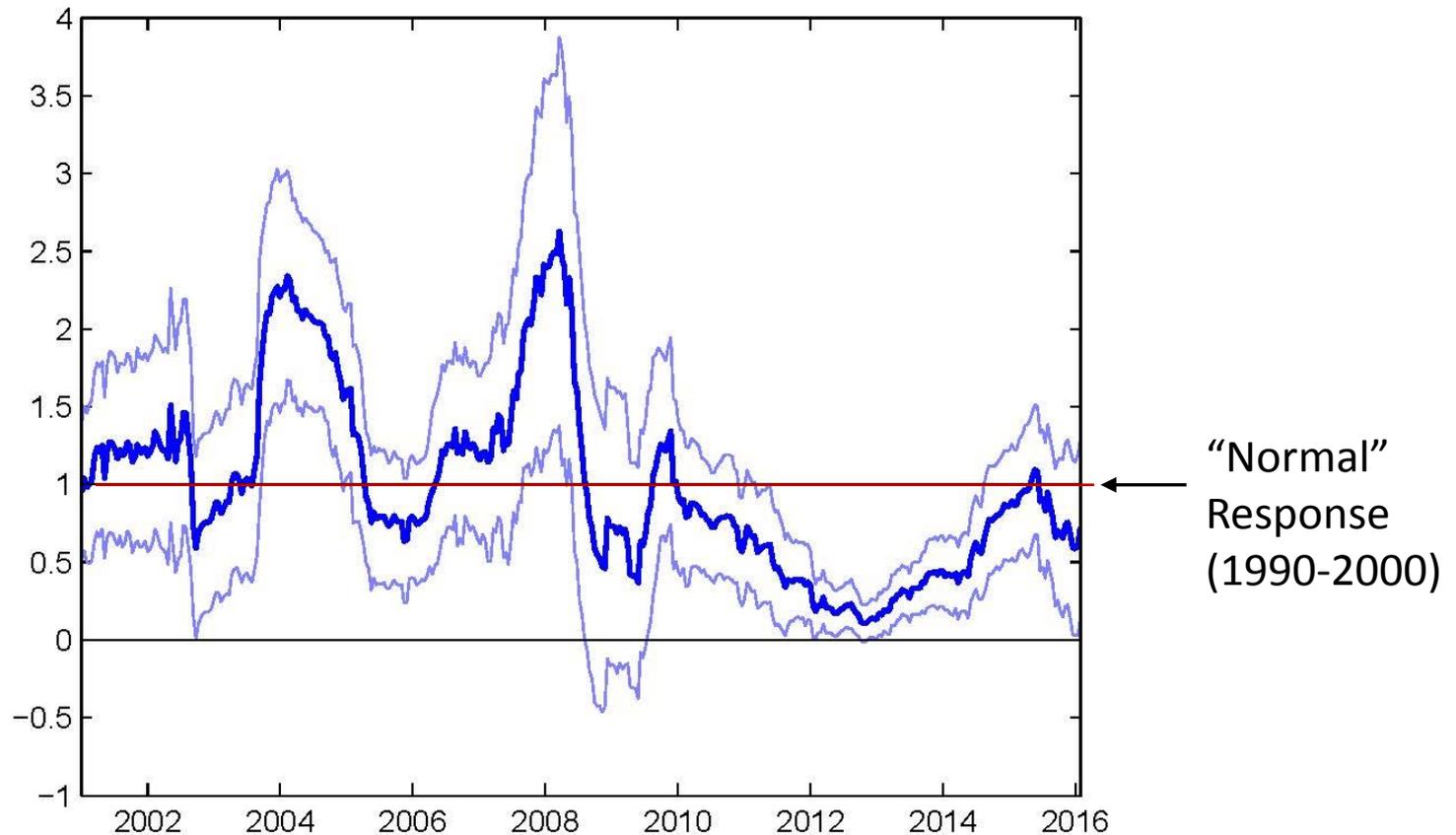
Figure 2: Forward guidance and Treasury yields

	Treasury Yield Maturity					
	3-month	6-month	1-year	2-year	5-year	10-year
FOMC drops "considerable period" language on Jan. 28, 2004						
Jan. 27, 2004	0.89	0.96	1.17	1.69	3.08	4.39
Jan. 28, 2004	0.92	0.98	1.30	1.86	3.22	4.49
change (bp)	3.0	2.0	12.5	16.6	13.9	10.3
FOMC projects near-zero funds rate "at least through mid-2013"						
Aug. 8, 2011	0.05	0.07	0.17	0.27	1.13	2.59
Aug. 9, 2011	0.03	0.06	0.13	0.17	0.93	2.36
change (bp)	-2.0	-1.0	-4.3	-9.9	-20.4	-22.8
FOMC projects near-zero funds rate "at least through late 2014"						
Jan. 24, 2012	0.04	0.07	0.15	0.24	0.95	2.19
Jan. 25, 2012	0.04	0.07	0.14	0.20	0.85	2.11
change (bp)	0.0	0.0	-0.2	-3.8	-9.4	-8.0
FOMC projects near-zero funds rate "at least through mid-2015"						
Sep. 12, 2012	0.10	0.13	0.20	0.23	0.74	1.82
Sep. 13, 2012	0.10	0.13	0.20	0.22	0.70	1.79
change (bp)	0.0	0.0	-0.2	-0.9	-3.7	-2.9

Source: Williams (2013a).

Figure 3: Data dependence in the United States

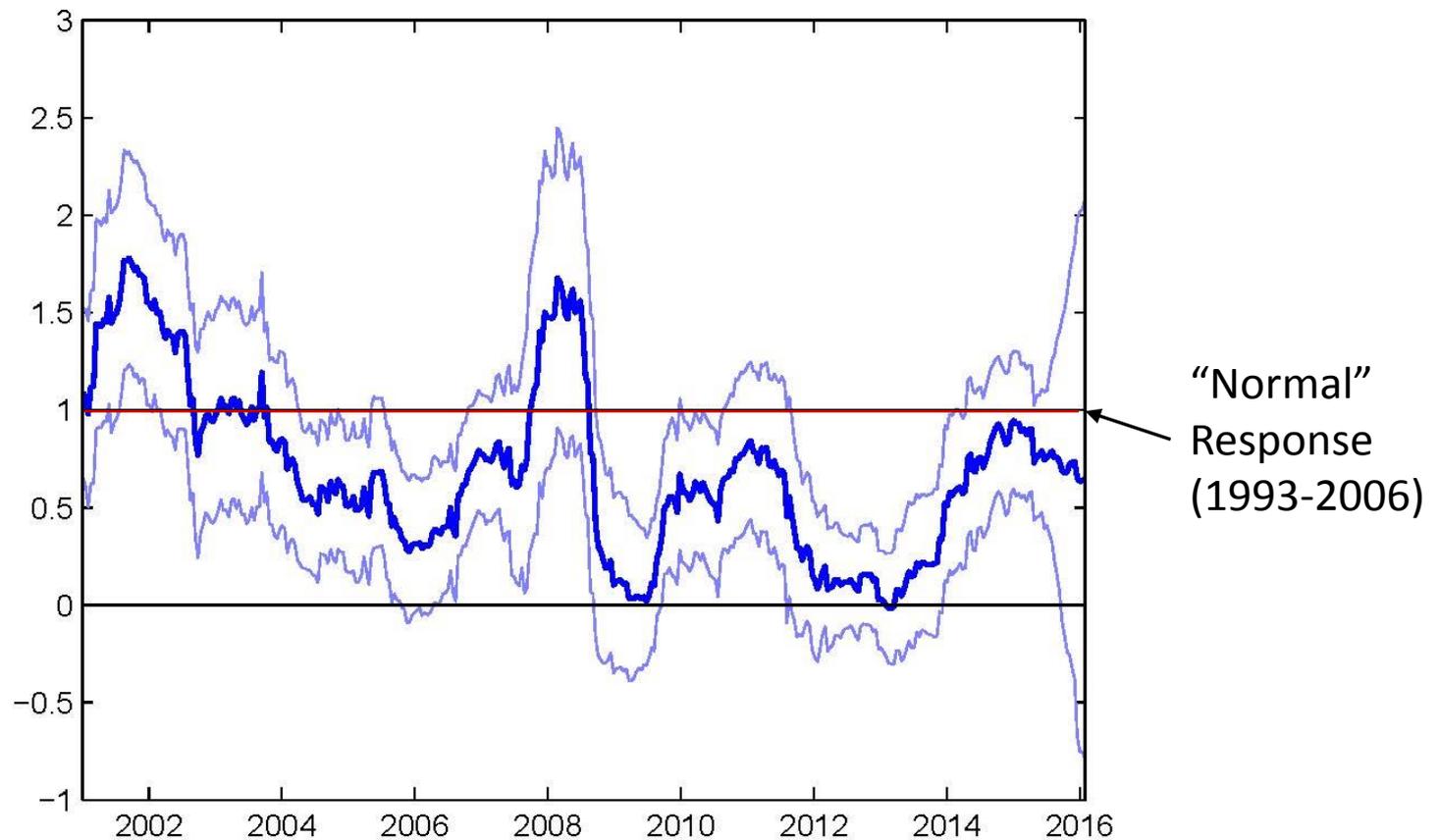
Response of 2-year Treasury yields to macroeconomic news



Source: Swanson and Williams (2014a, updated).

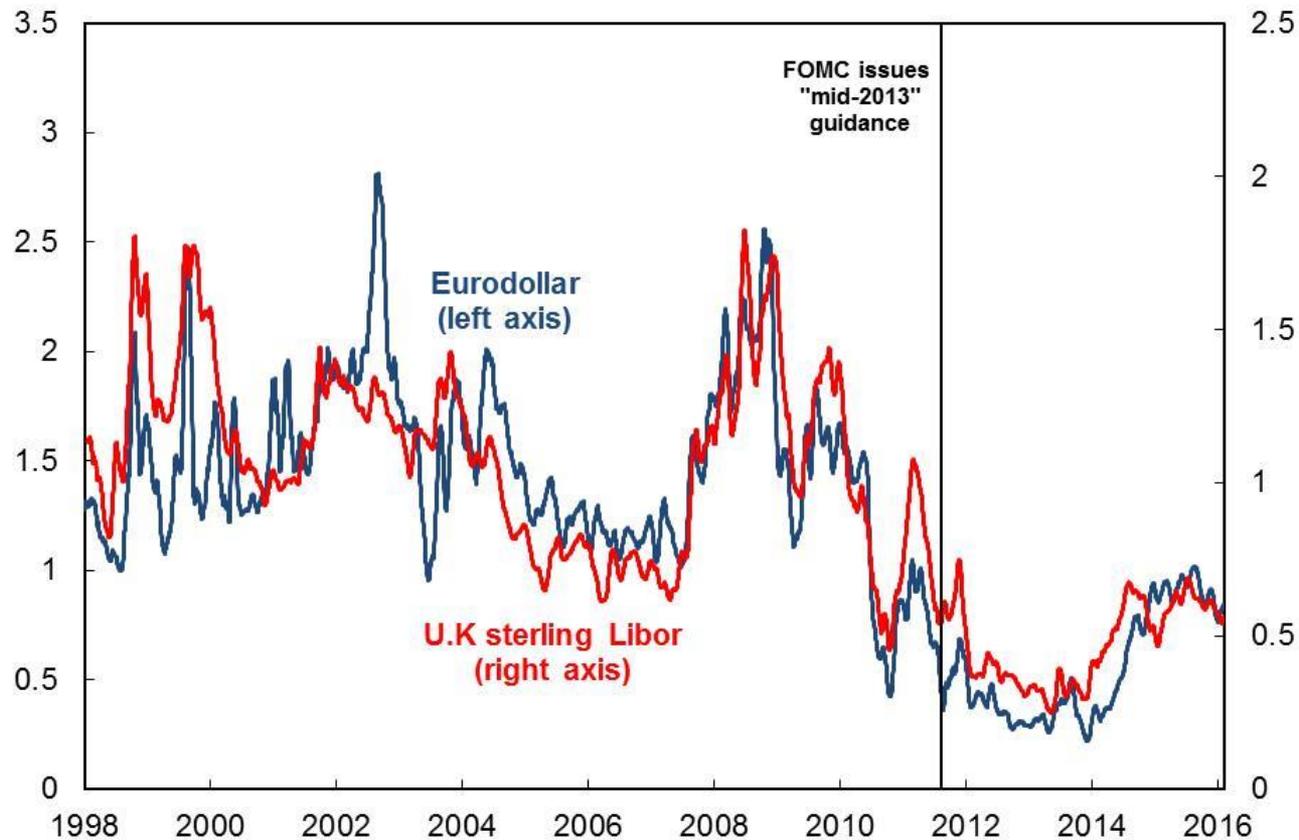
Figure 4: Data dependence in the United Kingdom

Response of 2-year UK gilt yields to macroeconomic news



Source: Swanson and Williams (2014b, updated).

Figure 5: Policy rate uncertainty: A tale of two countries

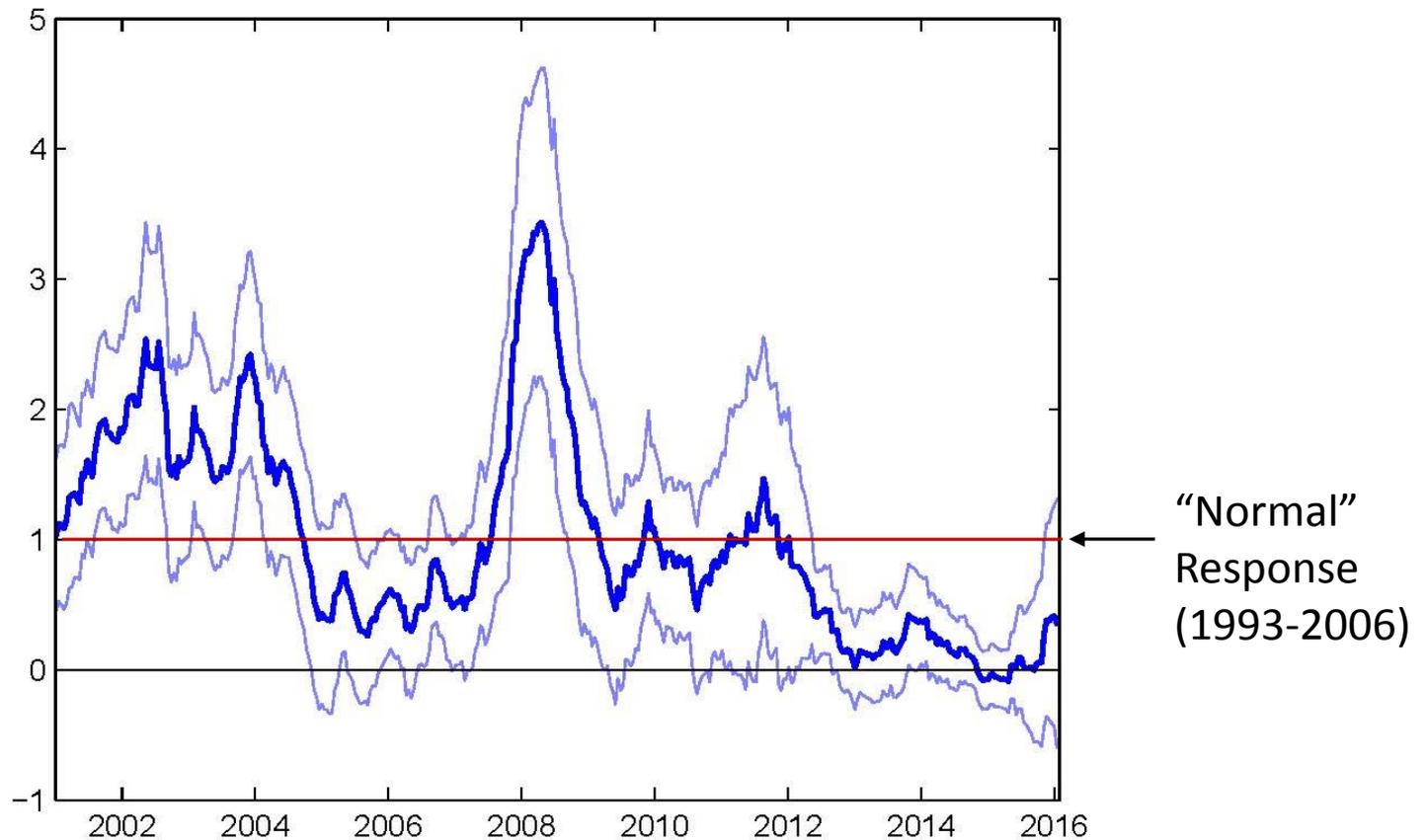


Notes: The U.K. sterling Libor series is the difference between the 75th and 25th percentiles of the implied pdf of one-year-ahead U.K. sterling Libor. The Eurodollar series is the difference between the 80th and 20th percentiles of the implied pdf of one-year-ahead Eurodollar. Both series are displayed as 21 day centered moving averages.

Source: Swanson and Williams (2014a, b, updated).

Figure 6: Data dependence in Germany

Response of 2-year German bund yields to macroeconomic news



Source: Swanson and Williams (2014b, updated).