	Description	Construction	Has SPF Nowcas t Value	Has Current- Quarter Value	Model		
Name					DS04 ww11 SW07 FRBEDO NKBGG QPM08 DNGS15 KR15FF KR15FH CMR14 GSW12 IN10 FU20 3vBVAR 5vBVAR 8vBVAR		
Common variables							
gdp_rgd_obs	Real GDP growth	ΔLN(GDPC1)*100	•		• • • • • • • • • • • • • • • • • • • •		
gdpdef_obs	GDP deflator growth	ΔLN(GDPCTPI)*100	•				
ffr_obs	Fedeal funds rate	DFF/4		•			
ifi_rgd_obs	Real invest. growth: fixed invest.	ΔLN(FPI/GDPCTPI)*100					
c_rgd_obs	Real cons. growth	ΔLN(PCE/GDPCTPI)*100					
wage_rgd_obs	Real wage growth	ΔLN(COMPNFB/GDPCTPI)*100			• • • • • • • •		
baag10_obs	Credit spread	(DBAA-DGS10)/4		•	• • • • •		
gdpl_rgd_obs	Real GDP level	LN(GDPC1)*100	•		•		
cpil_obs	CPI level	LN(CPIAUCSL)*100	•		•		
ir_nom_obs	Nominal invest. (residential) growth	ΔLN(PRFI)*100 SPF through PRFIC1 and GDPCTPI	•		•		
inr_nom_obs	Nominal invest. (non-residential) growth	ΔLN(PNFI)*100 SPF through PNFIC1 and GDPCTPI	•		•		
		Model-specific variables					
blt_obs	Bank lending tightening index	BLT		•	•		
emp_obs	Total employment	ΔLN(CE16OV)*100			•		
unr_obs	Unemployment rate	UNRATE	•		• •		
hours_dngs15_obs	Hours in the DNGS15 model	LN(AWHNONAG*CE16OV/100/(CNP16OV/3))*100	•		•		
hours_sw07_obs	Hours in the SW07 model	LN(PRS85006023*(CE16OV/118753) /(CNP16OV/193024.333))*100 - its mean			•		
cnds_nom_obs	Nominal cons. (non-durables/services) growth	ΔLN(PCEND+PCES)*100			•		
cd_nom_obs	Nominal cons. (durables) growth	ΔLN(PCEDG)*100			•		
cnds_def_obs	Cons. deflator (non-durables/services) growth	ΔLN((PCEND+PCES)/(PCENDC96+PCESC96))*100			•		
cd_def_obs	Cons. deflator (durables) growth	ΔLN(PCEDG/PCEDGC96)*100			•		
hours_frbedo08_obs	Hours in the FRBEDO08 model	Divide by mean: AWHNONAG*CE16OV/CNP16OV	•	•	•		
mortffr_obs	Mortgage spread	(MORTRATE-DFF)/4		•	•		
bbb1yffr_obs	Loan spread	(C0091Y-DFF)/4		•	•		
hp_nom_obs	House price growth	ΔLN(CBHPI)*100			•		
_credit_nom_obs	Nominal credit growth	ΔLN(BOGZ1FL144104005Q)*100			•		

			Has	Has	Model
Name	Description	Construction	SPF Nowcas t Value	Current- Quarter Value	DS04 ww11 SW07 FRBEDO NKBGG QPM08 DNGS15 KR15FF KR15FH CMR14 GSW12 IN10 FU20 3vBVAR 5vBVAR
mortgage_nom_obs	Nominal mortgage growth	ΔLN(HMLBSHNO)*100			•
hours_kr15_obs	Hours in the KR15_FF and KR15_HH models	LN(12*PRS85006023*CE16OV/CNP16OV)*100			• •
g10ffr_obs	Term premium	(DGS10-DFF)/4		•	•
credit_rgd_obs	Real credit growth	ΔLN(BOGZ1FL144104005Q/GDPCTPI)*100			•
hours_cmr14_obs	Hours in the CMR14 model	LN(HOANBS/CNP16OV)			•
cnds_rim_obs	Real cons. growth: nondurable/services	ΔLN(PCESC96+PCENDC96)*100			•
igid_rim_obs	Real invest. growth: durable/gross invest.	ΔLN(PCEDGC96+GPDIC1)*100			•
igiddef_rgd_obs	Real invest. deflator growth	ΔLN(((GPDI+PCEDG)/(GPDIC1+PCEDGC96)) /GDPCTPI)*100			•
networth_rgd_cmr14_o bs	Real net worth growth in the CMR14 model	$EXP(\Delta LN(WILL5000IND/GDPCTPI)$ - its mean)			•
rc_obs	Real consumption	LN(PCEC96/CNP16OV) - its first value			•
pi_dm_obs	Inflation	ΔLN(IPDNBS) - its mean			•
rri_obs	real residential investment	LN(PRFIC1/CNP160V) - its first value			•
rbi_obs	real business investment	LN(PNFIC1/CNP160V) - its first value			•
hwc_pd_obs	hours worked in the goods sector	LN((PAYEMS-USCONS)*AWHMAN/CNP16OV) - its mean		•	•
hwr_pd_obs	hours worked in the residential sector	LN(USCONS*CES2000000007/CNP16OV) - its mean		•	•
hp_r_obs	real house prices	LN(CBHPI/IPDNBS) - its first value			•
i_nom_obs	Nominal interest rate	TB3MS/400 - its mean		•	•
c_winf_obs	Wage inflation in consumption-good sector	ΔLN(AHETPI) - its mean		•	•
h_winf_obs	Wage inflation in housing sector	ΔLN(CES2000000008) - its mean		•	•