#### Policy Making in the Global Economic Crisis

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#### Issues

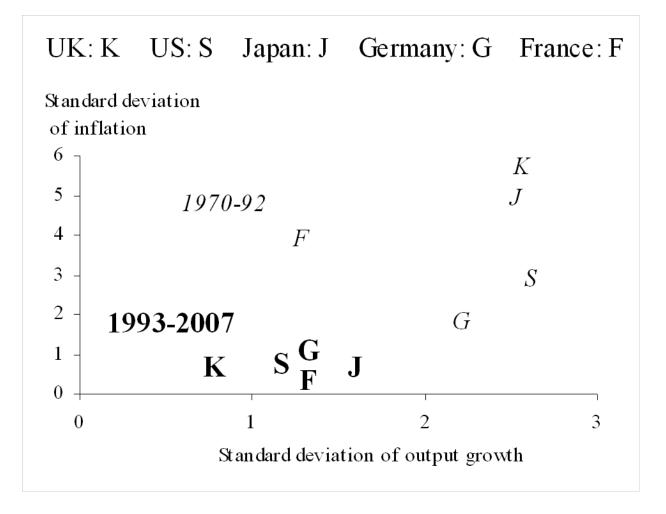
- Background
- The lead up to the crisis
- The crisis
- The response
- Where now?
- Lessons

### Background

- Central bank independence
- The Great Moderation

# **The Great Moderation**

Output and inflation volatility in the G5

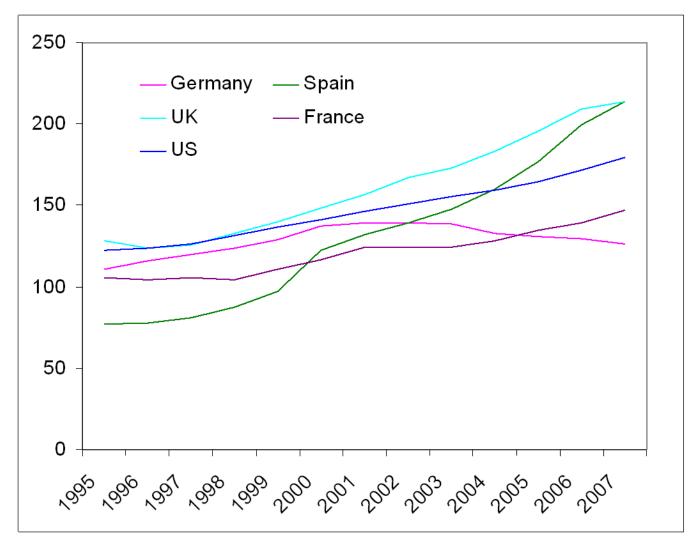


The Lead up to the Crisis

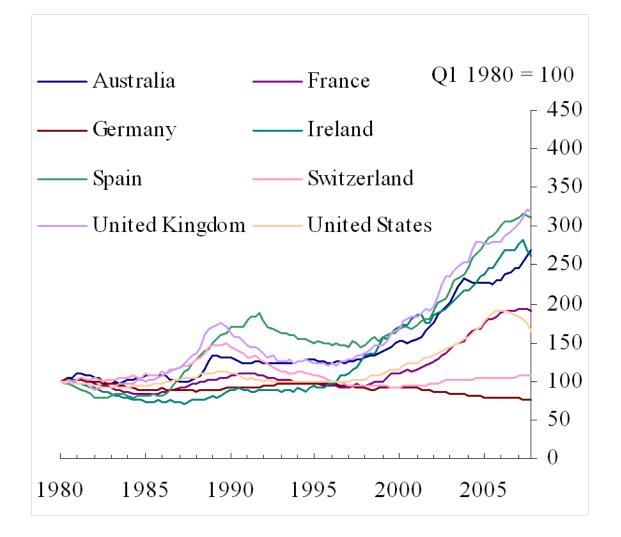
- Credit growth
- Global imbalances
- The dogs that didn't bark

# **International credit expansion**

Financial liabilities of household and business (% of GDP)

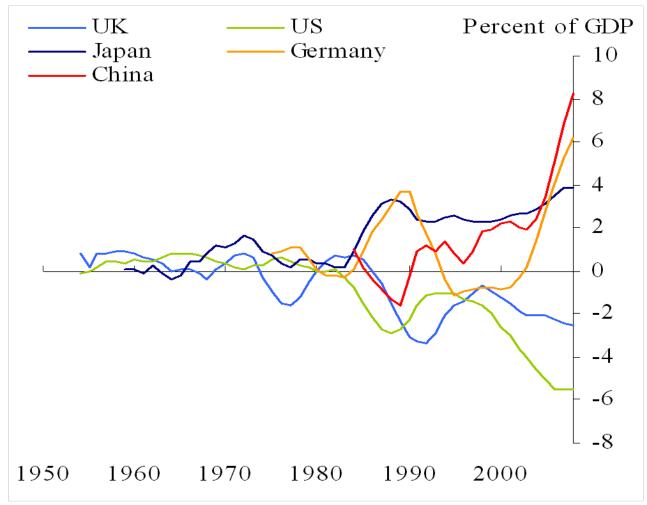


## **Real house prices**



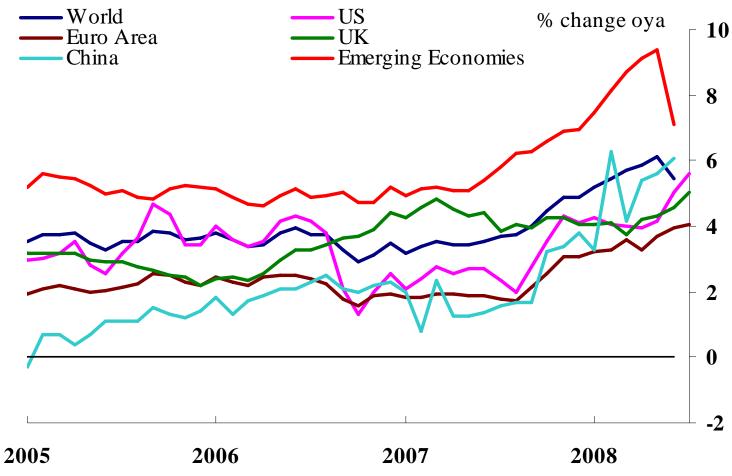
# **Global imbalances**

Current accounts (% of GDP, 5-year rolling average)



Source: IMF and national sources

## **International CPI inflation rates**

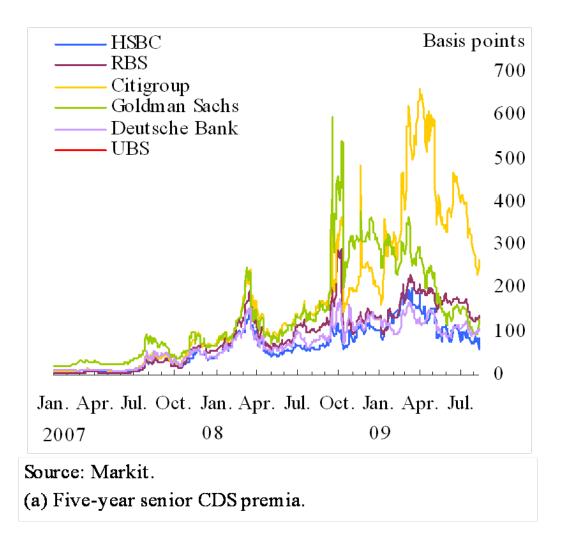


Source: IMF

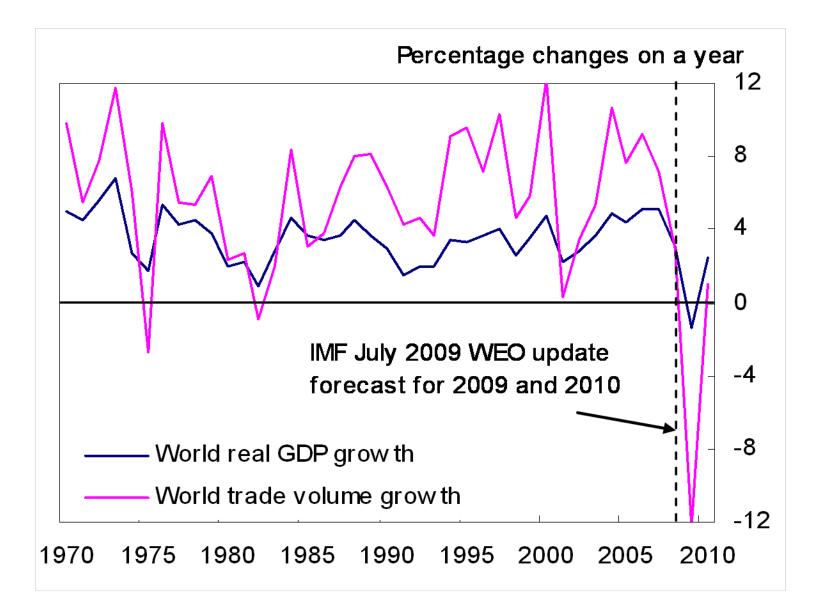
### The Crisis

- Two phases
  - August 2007 to October 2008
  - October 2008 onwards

## **CDS** spreads for major financial institutions



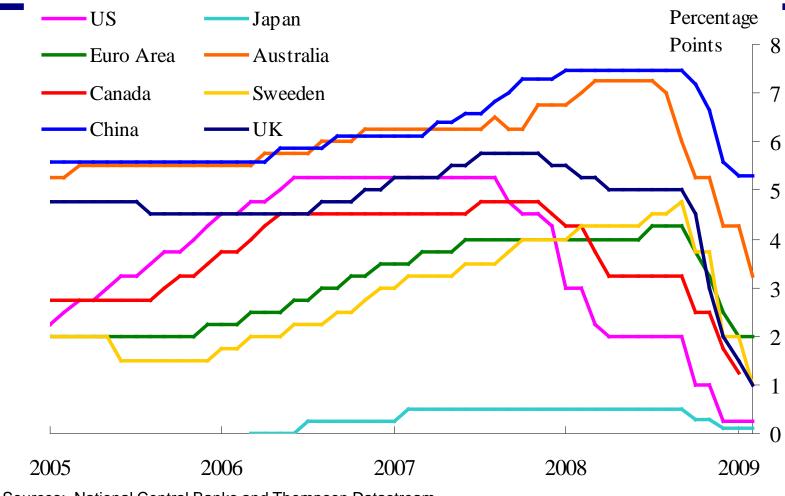
## **The Great Contraction**



#### The Response

- Bank recapitalization
- Loosening monetary policy + unconventional measures
- The fiscal response

# **International Loosening of Monetary Policy**



#### Table 1

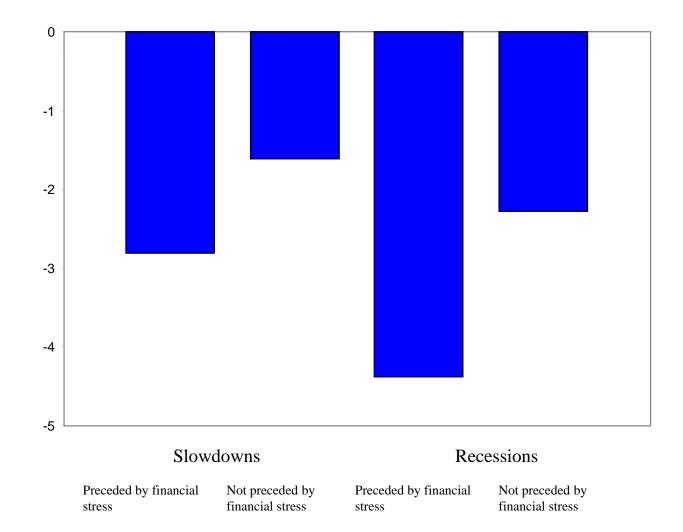
### Fiscal situation and prospects<sup>1</sup>

|                             | Fiscal balance |                        |       | Structural balance <sup>5</sup> |       |      | General government<br>debt <sup>6</sup> |      |      |  |
|-----------------------------|----------------|------------------------|-------|---------------------------------|-------|------|-----------------------------------------|------|------|--|
|                             |                | As a percentage of GDP |       |                                 |       |      |                                         |      |      |  |
|                             | 2007           | 2010                   | 2011  | 2007                            | 2010  | 2011 | 2007                                    | 2010 | 2011 |  |
| Austria                     | -0.7           | -5.5                   | -5.8  | -1.4                            | -3.3  | -3.6 | 62                                      | 78   | 82   |  |
| Germany                     | 0.2            | -5.3                   | -4.6  | -0.8                            | -4.0  | -3.7 | 65                                      | 82   | 85   |  |
| Greece                      | -4.0           | -9.8                   | -10.0 | -4.5                            | -6.9  | -6.8 | 104                                     | 123  | 130  |  |
| France                      | -2.7           | -8.6                   | -8.0  | -3.5                            | -6.8  | -6.3 | 70                                      | 92   | 99   |  |
| Ireland                     | 0.2            | -12.2                  | -11.6 | -1.3                            | -9.0  | -9.0 | 28                                      | 81   | 93   |  |
| Italy                       | -1.5           | -5.4                   | -5.1  | -2.2                            | -2.6  | -2.8 | 112                                     | 127  | 130  |  |
| Japan                       | -2.5           | -8.2                   | -9.4  | -3.4                            | -7.4  | -9.0 | 167                                     | 197  | 204  |  |
| Netherlands                 | 0.2            | -5.9                   | -5.3  | -0.6                            | -3.6  | -3.1 | 52                                      | 77   | 82   |  |
| Portugal                    | -2.7           | -7.6                   | -7.8  | -2.8                            | -6.1  | -6.8 | 71                                      | 91   | 97   |  |
| Spain                       | 1.9            | -8.5                   | -7.7  | 1.6                             | -5.2  | -4.5 | 42                                      | 68   | 74   |  |
| United Kingdom              | -2.7           | -13.3                  | -12.5 | -3.4                            | -10.5 | -9.9 | 47                                      | 83   | 94   |  |
| United States               | -2.8           | -10.7                  | -9.4  | -3.1                            | -9.2  | -8.2 | 62                                      | 92   | 100  |  |
| China                       | 0.9            | -2.0                   | -2.9  |                                 |       |      | 20                                      | 22   | 23   |  |
| India                       | -4.4           | -10.0                  | -8.7  |                                 |       |      | 81                                      | 86   | 86   |  |
| Other Asia <sup>2</sup>     | 2.1            | -1.2                   | -1.0  |                                 |       |      | 31                                      | 37   | 38   |  |
| Central Europe <sup>3</sup> | 3.7            | -4.4                   | -3.9  |                                 |       |      | 23                                      | 28   | 29   |  |
| Latin America <sup>4</sup>  | -1.5           | -2.4                   | -2.0  |                                 |       |      | 41                                      | 37   | 35   |  |

Where now?

- The "exit" strategy
- Regulation
- Global imbalances redux
- Fiscal implications

## **Total output loss in slowdowns & recessions** Medians, % GDP



Source: IMF WEO October 2008

#### Lessons

- Probability zero events
- Real time responses
- Communications
- The role/responsibility of economists.