|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Source | Comment | Units |
| DSGE – banking (2014Q1 – 2018Q4) | | | |
| Total assets | Baf | Prices = 2014 (adjusted by CPI) | Mill HUF |
| Corporate Loans | Baf | Prices = 2014 (adjusted by CPI) | Mill HUF |
| Retail Loans | Baf | Prices = 2014(adjusted by CPI) | Mill HUF |
| Mortgages | Baf | Prices = 2014(adjusted by CPI) | Mill HUF |
| Total Equity | Baf | Prices = 2014(adjusted by CPI) | Mill HUF |
| Interest Yielding (iy) Assets | Baf | Prices = 2014(adjusted by CPI) | Mill HUF |
| Interest Yielding (iy) Liabilities | Baf | Prices = 2014(adjusted by CPI) | Mill HUF |
| Bank’s total profit | Baf | Prices = 2014(adjusted by CPI) | Mill HUF |
| Interest income | Baf | Prices = 2014(adjusted by CPI) | Mill HUF |
| Interest expenses | Baf | Prices = 2014(adjusted by CPI) | Mill HUF |
| 90 days overdue corporate | Baf | Prices = 2014(adjusted by CPI)  Stock of overdue loans – after 90 days it classifies as default | Mill HUF |
| 90 days overdue hh. | Baf | Prices = 2014 (adjusted by CPI)  Stock of overdue loans – after 90 days it classifies as default | Mill HUF |
| 90 days overdue total | Baf | Prices = 2014(adjusted by CPI)  Stock of overdue loans – after 90 days it classifies as default | Mill HUF |
| ROE | Baf | Not self-calculated! | % |
| Credit spread | Baf |  | pp |
| Credit margin | Baf | Not self-calculated!  mark-up over some reference interest rate (usually 3m BUBOR) | pp |
| DSGE – regulation (2014Q1 – 2018Q4) | | | |
| Capital requirement | Panel  Project | Regulatory capital as a share of total assets  Consolidated values of the 8 biggest banks (more than 90% of market share)  Defined as a residual of total capital reserves and capital surplus | % |
| BUBOR | MNB | There are other options, but usual reference point is 3 months BUBOR | % |
| Mortgage default rate | Baf fed | It is easy to calculate from Baf data but only for the relative size of stocks | ratio |
| Corporate Loans Default rate | Baf fed | It is easy to calculate from Baf data but only for the relative size of stocks | ratio |
| Interest rates on corporate loans | MNB official stats | MNB has some official statistics published on the website |  |
| LTV – DSTI distribution | KHR |  |  |
| % of agent constrained by LTV | KHR | It is not possible to give a precise figure – we have to resort to some back of the envelope calculation | % |
| % of agent constrained by DSTI | KHR | It is not possible to give a precise figure – we have to resort to some back of the envelope calculation | % |
| Average mortgage maturity | KHR |  | Years |
| Interest rates on mortgages | MNB official stats | MNB has some official statistics published on the website | Mill HUF |
| DSGE – real (2014Q1 – 2018Q4) | | | |
| GDP | KSH | Seasonally adjusted real GDP  Prices = 2014 (adjusted by GDP deflator)  Quarterly flow data – usually interpreted yearly | Mill HUF |
| GDP – deflator | KSH | 2014Q1 = 100 | Index |
| CPI | KSH | Adjusted seasonally – 2014Q1 = 100 | Index |
| Private non-durable consumption | KSH | 2014Q1 = 100 – normalized by CPI | Mill HUF |
| Private fixed capital investment | KSH | 2014Q1 = 100 – normalized by GDP deflator  strange upward trend each year even though it is not defined cumulatively defined | Mill HUF |
| Residential investment | KSH | 2014Q1 = 100 – normalized by GDP deflator | Mill HUF |
| House Prices | KSH | Weighted average of new and used house price indices – 2014Q1 = 1  2014Q1 = 100 – normalized by GDP deflator | Mill HUF |
| Total residential housing stock | KSH | Only ballpark figure!  One observation of 2017Q2 is then extrapolated by the house price index  2014Q1 = 100 – normalized by GDP deflator | Mill HUF |
| Fixed capital stock | EC (Ameco) | EC database  2014Q1 = 100 – normalized by GDP deflator | Mill HUF |
| GDP to Capital Stock | EC (Ameco) | Yearly  Not calculated! - extracted from EC database so there might be some mismatch | ratio |
| Return on Capital  (here, it is equated to MPK) | EC (Ameco) | EC database – yearly data (not calculated manually) | % |
| Labour share | EC (Ameco) | EC database – yearly data (not calculated manually) | % |
| DSGE – gvt. and open economy (2014Q1 – 2018Q4) | | | |
| Eurozone inflation | AMECO | Harmonized, weighted by GDP, yearly from 2014 to 2019 | % |
| Eurozone interest rate | AMECO | Weighted by GDP, yearly from 2014 to 2019  There are several options, probably long-term nominal interest rates are preferable | % |
| Government spending | AMECO | Had to do it separately because GVT expenditure was hard to find in Hungarian datasets  The reference GDP is the GDP in the statistics, not the artificial one we used before  At 2015 prices or as a % of GDP | Bil huf  % |
| Exports | KSH | From Hungarian Statistical Office: quarterly from 2016  **(not CPI adjusted yet)** | Mill huf |
| Imports | KSH | From Hungarian Statistical Office: quarterly from 2016  **(not CPI adjusted yet)** | Mill huf |
| Foreign debt  (net foreign asset position) | MNB | From MNB – under VII. , quarterly from 2014  **(not CPI adjusted yet)** | Bil huf |
| Share of deposits by foreign firms and individuals | Baf | From Baf tables, monthly from 2017  All is included (governments, central banks, banks, individuals, non-financial companies) | % |
| Tradeable % of production | KSH | From own classification, detailed breakdown of GDP by sector | % |
| Tradeable % of workers | KSH | From own classification, detailed breakdown of employment by sector | % |