

# Data Used

Alex Wellman

February 2024

Data is 1985Q1 to 2017Q4

Key	Variable Name	Data	Frequency	Nominal/Real	Matches
Y	Real GDP	link	Quarterly	Real	Yes
C	Real Consumption	link	Quarterly	Real	Yes
G	Real Government Expenditure	link	Quarterly	Real	Yes
I	Real Investment	link	Quarterly	Real	Yes
N	Labor Force	link	Monthly	N/A	Yes
BK	Bankruptcy	xlsx, quarterly, total	Quarterly	N/A	No
CO	Charge-offs	link	Quarterly	N/A	No (close)
D	Household Debt	link	Quarterly	Nominal (Deflated)	No
W (median)	Median Weekly Earnings	link	Monthly	Real	No
W (mean)	Average Production and Nonsupervisory	link	Monthly	Nominal (Deflated)	N/A
W (manf.)	Average, Manufacturing	link	Monthly	Nominal (Deflated)	No
$\pi$	Inflation (PCEPI)	link	Monthly	Not Filtered	No
i	Interest Rate (Fed Funds)	link	Monthly	N/A	No
$\pi^w$	Wage Inflation	link (% change)	Monthly	Nominal	N/A
tax	Income Tax	link	Quarterly	Nominal (Deflated)	No
$B^G/Y$	Gov. Debt / Output	link and link	Quarterly	Nominal (Deflated)	N/A

Var	Std Dev	Cor(y, x)	Cor(x, $x_t - 1$ )
Y	0.010	1.000	0.880
C	0.009	0.883	0.876
G	0.012	-0.420	0.848
I	0.054	0.894	0.872
N	0.011	0.808	0.960
BK	0.208	-0.459	0.566
CO	0.173	-0.619	0.871
D (cycle)	0.025	0.283	0.931
D (trend)	0.574	0.019	1.000
W (mean)	0.005	-0.200	0.951
W (median)	0.011	-0.180	0.675
W (manf.)	0.005	-0.515	0.852
$\pi$	0.205	-0.005	1.000
i	2.842	0.370	0.988
$\pi^w$ (mean)	0.242	0.332	0.329
tax	0.073	0.706	0.815
BG/Y	0.026	-0.718	0.877

### Autocorrelation of Variables

Var	Std Dev	-3	-2	-1	0	1	2	3
Y	0.010	0.509	0.713	0.880	1.000	0.880	0.713	0.509
C	0.009	0.586	0.739	0.876	1.000	0.876	0.739	0.586
G	0.012	0.611	0.723	0.848	1.000	0.848	0.723	0.611
I	0.054	0.494	0.696	0.872	1.000	0.872	0.696	0.494
N	0.011	0.702	0.855	0.960	1.000	0.960	0.855	0.702
BK	0.208	0.189	0.317	0.566	1.000	0.566	0.317	0.189
CO	0.173	0.603	0.731	0.871	1.000	0.871	0.731	0.603
D (cycle)	0.025	0.650	0.807	0.931	1.000	0.931	0.807	0.650
D (trend)	0.574	1.000	1.000	1.000	1.000	1.000	1.000	1.000
W (ave)	0.005	0.743	0.862	0.951	1.000	0.951	0.862	0.743
W (med)	0.011	0.402	0.545	0.675	1.000	0.675	0.545	0.402
W (manf.)	0.005	0.521	0.675	0.852	1.000	0.852	0.675	0.521
$\pi$	0.205	1.000	1.000	1.000	1.000	1.000	1.000	1.000
i	2.842	0.922	0.960	0.988	1.000	0.988	0.960	0.922
$\pi_w$ (mean)	0.242	0.136	0.223	0.329	1.000	0.329	0.223	0.136
tax	0.073	0.530	0.718	0.815	1.000	0.815	0.718	0.530
BG/Y	0.026	0.577	0.729	0.877	1.000	0.877	0.729	0.577

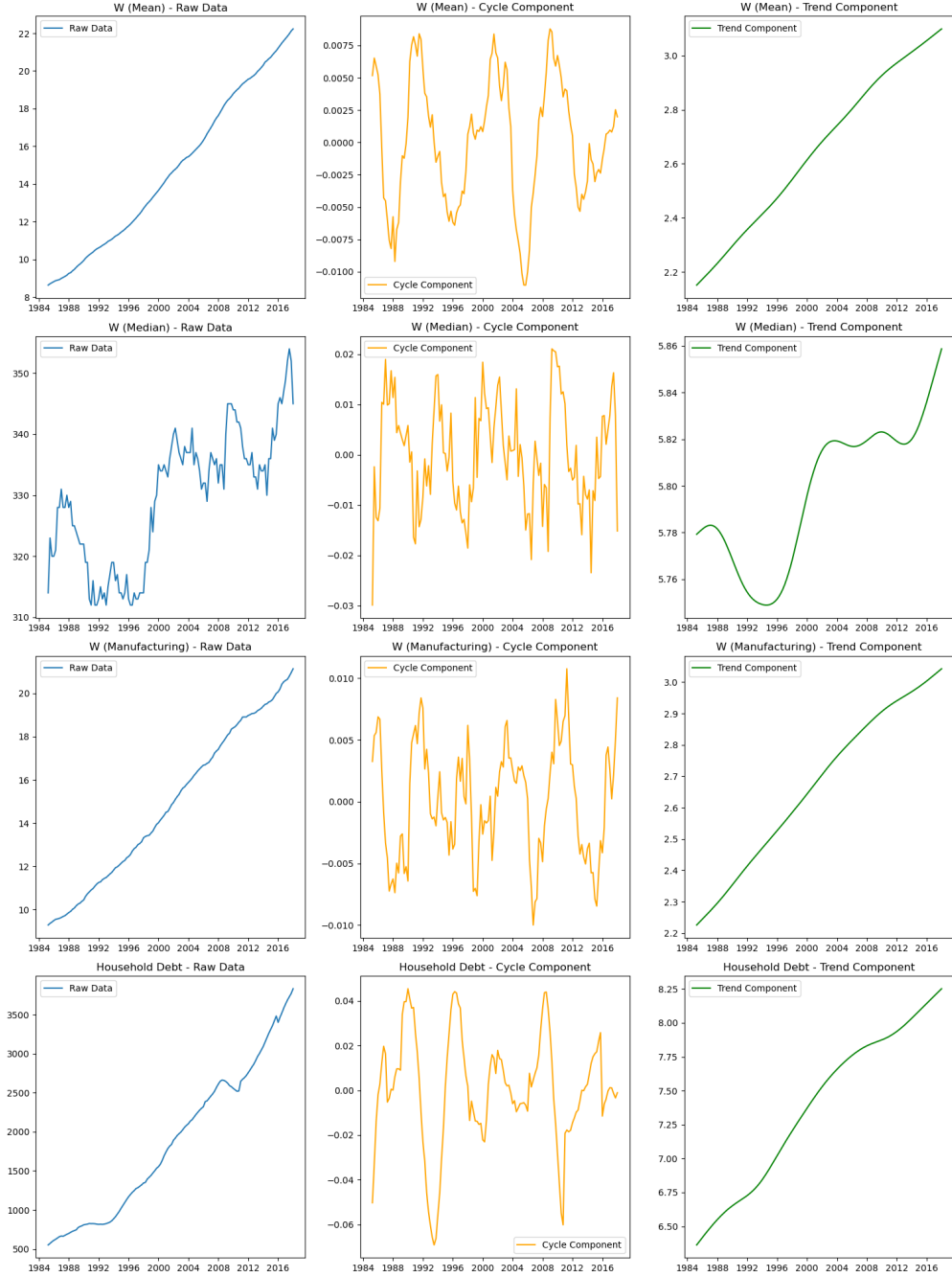


Figure 1: Key Variables (Variables are Deflated)