|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1964 to 2010** | |  | **1964 to 1985** | |  | **1986 to 2010** | |
| Change in UE rate | **Less union decline** | **More union decline** |  | **Less union decline** | **More union decline** |  | **Less union decline** | **More union decline** |
|  |  |  |  |  |  |  |  |  |
| GDP % change (cycle) | -0.223 | -0.250 |  | -0.254 | -0.268 |  | -0.205 | -0.235 |
| se | 0.009 | 0.009 |  | 0.015 | 0.012 |  | 0.012 | 0.013 |
|  |  |  |  |  |  |  |  |  |
| Constant | 1.234 | 0.804 |  | 1.484 | 1.072 |  | 1.085 | 0.592 |
| se | 0.150 | 0.130 |  | 0.250 | 0.210 |  | 0.170 | 0.160 |
|  |  |  |  |  |  |  |  |  |
| Trend growth | 3.710 | 3.200 |  | 4.100 | 3.400 |  | 3.400 | 3.030 |
| se | 0.120 | 0.100 |  | 0.210 | 0.160 |  | 0.160 | 0.100 |
|  |  |  |  |  |  |  |  |  |
| n | 1081 | 1081 |  | 506 | 506 |  | 575 | 575 |
|  |  |  |  |  |  |  |  |  |
| R2 | 0.354 | 0.451 |  | 0.392 | 0.529 |  | 0.340 | 0.370 |
|  |  |  |  |  |  |  |  |  |
| State fixed effects | y | y |  | y | y |  | y | y |

Notes: Excludes outlier states: Alaska, North Dakota, Louisiana and Wyoming. Regressions performed in R with lm function. The standard errors for the trend estimates were determining with a bootstrap: for each regression group, sample N=46 observations with replacement from the group data, calculate the trend estimate for the sample, repeat 500 times, determine the empirical distribution of the 500 trend growth estimates for each group.