**Summary of Functional Forms Involving Logarithms**

|  |  |  |  |
| --- | --- | --- | --- |
| **Model** | **Dependent**  **Variable** | **Independent**  **Variable** | **Interpretation**  **of** |
| level-level | y | x |  |
| level-log | y | log(x) |  |
| log-level | log(y) | x | % |
| log-log | log(y) | log(x) | %% |
| log-dummy | log(y) | dum | 0→1 means the impact of dummy (treatment) is 100×% |