**README**

These are descriptions of raw data file:

**Raw data - Induced tannin - 0322.xlsx** contains following one sheet:

* Column descriptions (in sheet order)
* Column 1: DOI/Website. DOI or URL for the study (string).
* Column 2: Publication. Bibliographic citation (e.g., “Author(s), Year”).
* Column 3: Effect\_ID. Effect identifier used to distinguish multiple entries within the same study (may repeat).
* Column 4: Journal. Journal name (string).
* Column 5: Impact\_factor. Journal impact factor recorded by the authors (numeric).
* Column 6: Year. Publication year (numeric).
* Column 7: Tannin\_control. Tannin concentration in the control group (numeric; units as reported in the original study—may vary).
* Column 8: n\_control. Sample size for the control group (integer).
* Column 9: sd\_control. Standard deviation of control tannin concentration (numeric).
* Column 10: se\_control. Standard error of control tannin concentration (numeric).
* Column 11: Tannin\_treatment. Tannin concentration in the induced/treated group (numeric; units as reported).
* Column 12: n\_treatment. Sample size for the treated group (integer).
* Column 13: sd\_treatment. Standard deviation of treated tannin concentration (numeric).
* Column 14: se\_treatment. Standard error of treated tannin concentration (numeric).
* Column 15: lnRR. Natural-log response ratio.
* Column 16: rvar. Sampling variance of lnRR.
* Column 17: Family. Plant family (string).
* Column 18: Plant\_species. Species (Latin binomial, Genus species).
* Column 19: Plant\_type. Growth form (values: Woody, Non-woody).
* Column 20: Tannin\_type. Tannin class (values: Condensed tannins, Hydrolysable tannins, Total tannins).
* Column 21: Leaf\_type. Which leaves were measured (values: Treated leaves, Untreated leaves, Mixed leaves).
* Column 22: Leaf\_maturity. Leaf origin/age (values: Preexisting leaves, Re-growth leaves, Mixed leaves).
* Column 23: Treatment\_type. Broad induction category (values: Artifical, Herbivore, Chemical, Joint).
* Column 24: Treatment\_typeII. Specific induction method (e.g., Pruning, Defoliation, Punching, Specialist, Generalist, JA = jasmonic acid, SA = salicylic acid; and combinations such as Defoliation + JA, Defoliation + Herbivore, Defoliation + Salivation).
* Column 25: Herbivory\_intensity. Intensity of herbivory or damage (% as defined by the original study).
* Column 26: Treatment\_interval. Time interval related to the induction treatment (days; as reported).
* Column 27: Measurement\_interval. Time from the last treatment to sampling/measurement (days; as reported).

Notes & usage tips

* Units vary across studies. Because concentration units are not standardized, cross-study analyses should rely on the unitless effect size lnRR and its variance rvar.
* Missing data. Missing values are left blank or recorded as NA.
* Original spelling retained. The category Artifical in Treatment\_type reflects the original data entry and is intentionally not corrected.
* Study-level structure. Use Effect\_ID (and/or Publication) to index effects within studies for hierarchical/meta-analytic models.
* Timing variables. Both Treatment\_interval and Measurement\_interval are in days; zero values occur where measurements were taken immediately after a treatment, or intervals were not applicable.