Data Dictionary for MOE Paper Data Files

| **Name** | **Description** |
| --- | --- |
| **\*\*** | Empty cell |
| **adj.** | adjusted  |
| **AIC** | Akaike Information Criteria as defined in EPA (2012) BMD technical guidance |
| **ather** | atherosclerosis |
| **avg.** | average, averaged |
| **Beta1** | Background parameter of Logistic model (referred to as “$a$” in manuscript) |
| **Beta1-L** | 2.5% lower confidence limit on Beta1 |
| **Beta1-U** | 97.5% upper confidence limit on Beta1 |
| **Beta2** | Slope parameter of Logistic model (referred to as “$b$” in manuscript) |
| **Beta2-L** | 2.5% lower confidence limit on Beta2 |
| **Beta2-U** | 97.5% upper confidence limit on Beta2 |
| **BMD** | Benchmark dose |
| **BMD\_1**  | BMD for 1% response – MLE, lower and upper bound estimates appear below |
| **BMD\_2**  | BMD for 10% response – MLE, lower and upper bound estimates appear below |
| **BMD\_3**  | BMD for 20% response – MLE, lower and upper bound estimates appear below |
| **BMD\_4**  | BMD for 50% response – MLE, lower and upper bound estimates appear below |
| **carc** | carcinoma |
| **cerebrovasc** | cerebrovascular |
| **CHD** | chronic heart disease |
| **CI, CIs** | confidence interval, confidence intervals |
| **circ** | circulatory |
| **conc.** | concentration, concentrations |
| **cum.** | Cumulative |
| **cumexp** | cumulative exposure |
| **cumul** | cumulative |
| **CVD** | cardiovascular disease |
| **dis** | disease |
| **Est\_D#** | Estimated mean exposure for exposure group # |
| **Exp** | Exponential |
| **exp.** | Exposure |
| **iAs** | inorganic arsenic |
| **IHD or ISHD** | ischemic heart disease |
| **incl.** | Including |
| **Inf** | Infinite |
| **inf** | Infarction |
| **inorg** | inorganic |
| **L** | Liter |
| **Loglikelihood** | Log of a number proportional to the probability (represented by the likelihood function) of observing a given set of data. |
| **MLE** | Maximum Likelihood Estimate |
| **mort** | mortality |
| **NA** | not applicable |
| **no.** | number |
| **nos.** | numbers |
| **Param#** | Mean estimate for parameter # of model |
| **Param#SD** | Standard deviation associated with the mean estimate for parameter # (Param#) |
| **pop.** | population |
| **PredORD#** | Model predicted Odds Ratio for exposure group # |
| **preg.** | pregnancy, pregnancies |
| **PsCase\_D#** | Pseudo (or effective) count of cases or incidence for exposure group # |
| **Pseudo cases** | Pseudo (or effective) count for cases (reported for each exposure group) |
| **Pseudo controls** | Pseudo (or effective) count for controls (reported for each exposure group) |
| **Pseudo Counts** | Effective counts of incidence as defined in the manuscript |
| **P-Value** | Probability of rejecting null hypothesis when null hypothesis is true; defined in EPA (2012) BMD technical guidance |
| **Qtc** | Corrected QT interval - measure of time between the onset of ventricular depolarization (Q wave) and completion of ventricular repolarization (T wave) |
| **Report\_D#** | Reported median or mean exposure for exposure group # |
| **tot.** | total |
| **TWA** | time-weighted average |
| **ug** | microgram |
| **yr** | year |