BMDS Wizard Output Report

**Filename:** C:\USEPA\BMDS260\Wizard\BMDS Wizard v1.10-dichotomous.xlsm

**Prepared on:** 1/19/2016 9:12:03 AM

[1.1. BMDS Summary of Female Rat Hyperplasia Hair Follicle (Cedarwood Oil) 2](#_Toc440958070)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model Warnings** | **BMDS Wizard Bin Placement** | **BMDS Wizard Recommendation** | **BMDS Wizard Recommendation Notes** | **Include in Summary Table?** |
| None | Viable | Alternate |  | Include |
| None | Viable | Alternate |  | Include |
| None | Viable | Alternate |  | Include |
| None | Viable | Alternate |  | Include |
| None | Viable | Alternate |  | Include |
| None | Viable | Alternate |  | Include |
| None | Viable | Alternate |  | Include |
| None | Viable | Recommended (lowest AIC) | Lowest AIC | Include |
| None | Viable | Alternate |  | Include |
| None | Viable | Alternate | Lowest BMDL | Include |
| None | Questionable | Questionable | Goodness of fit p-value < 0.1  BMDL 3x lower than lowest non-zero dose | Include |

## BMDS Summary of Female Rat Hyperplasia Hair Follicle (Cedarwood Oil)

Table 1. Summary of BMD Modeling Results for CO- Female Rat Hyperplasia Hair Follicle

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Modela | Goodness of fit | | BMD10Pct  () | BMDL10Pct  () | Basis for model selection |
| *p*-value | AIC |
| Gamma | 1.000 | 17.011 | 12.5 | 8.82 |  |
| Dichotomous-Hill  LogLogistic | 1.000 | 17.055 | 12.6 | 9.15 |
| Logistic | 0.998 | 17.235 | 13.0 | 8.78 |
| Probit | 1.000 | 17.095 | 12.8 | 8.54 |
| LogProbit | 1.000 | 17.006 | 12.5 | 9.13 |
| Weibull | 1.000 | 17.091 | 12.7 | 8.37 |
| Multistage 4° | 0.999 | 15.263 | 11.7 | 7.36 |
| Multistage 3° | 0.942 | 16.669 | 9.71 | 6.55 |
| Multistage 2° | 0.558 | 20.454 | 6.95 | 4.65 |
| Quantal-Linear | 0.0463 | 31.201 | 2.37 | 1.62 |
| a No model was selected as a best-fitting model. | | | | | |