BMDS Wizard Output Report

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

**Prepared on:** 1/19/2016 8:44:41 AM

[1.1. BMDS Summary of Male Rat Hyperplasia Hyperplasia Hair Follicle (Cedarwood Oil) 2](#_Toc440956429)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model Warnings** | **BMDS Wizard Bin Placement** | **BMDS Wizard Recommendation** | **BMDS Wizard Recommendation Notes** | **Include in Summary Table?** |
| None | Questionable | Questionable | Goodness of fit p-value < 0.1 | Include |
| None | Viable | Recommended (lowest AIC) | Lowest BMDLLowest AIC | Include |
| None | Questionable | Questionable | Goodness of fit p-value < 0.1 | Include |
| None | Questionable | Questionable | Goodness of fit p-value < 0.1 | Include |
| None | Questionable | Questionable | Goodness of fit p-value < 0.1 | Include |
| None | Questionable | Questionable | Goodness of fit p-value < 0.1 | Include |
| None | Questionable | Questionable | Goodness of fit p-value < 0.1 | Include |
| None | Questionable | Questionable | Goodness of fit p-value < 0.1 | Include |
| None | Questionable | Questionable | Goodness of fit p-value < 0.1 | Include |
| None | Questionable | Questionable | Goodness of fit p-value < 0.1 | Include |
| None | Questionable | Questionable | Goodness of fit p-value < 0.1 | Include |

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Modela | Goodness of fit | BMD10Pct () | BMDL10Pct () | Basis for model selection |
| *p*-value | AIC |
| Gamma | 0 | 36.318 | 8.30 | 3.59 |  |
| Dichotomous-Hill | 0.902 | 18.444 | 18.9 | 12.0 |
| Logistic | 0 | 43.745 | 9.66 | 6.48 |
| LogLogistic | 0 | 29.030 | 11.3 | 7.21 |
| Probit | 0 | 49.052 | 9.74 | 6.88 |
| LogProbit | 0 | 31.753 | 10.1 | 6.21 |
| Weibull | 2.00E-04 | 38.277 | 5.65 | 2.48 |
| Multistage 4°b | 0.0030 | 39.919 | 3.25 | 2.18 |
| Multistage 3°c | 0.0030 | 39.919 | 3.25 | 2.18 |
| Multistage 2°d | 0.0030 | 39.919 | 3.25 | 2.18 |
| Quantal-Linear | 0.0079 | 37.932 | 3.11 | 2.18 |
| a No model was selected as a best-fitting model.b The Multistage 4° model may appear equivalent to the Multistage 3° model, however differences exist in digits not displayed in the table. This also applies to the Multistage 2° model.c The Multistage 3° model may appear equivalent to the Multistage 4° model, however differences exist in digits not displayed in the table. This also applies to the Multistage 2° model.d The Multistage 2° model may appear equivalent to the Multistage 4° model, however differences exist in digits not displayed in the table. This also applies to the Multistage 3° model. |