BMDS Wizard Output Report

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

**Prepared on:** 1/19/2016 9:22:16 AM

[1.1. BMDS Summary of Female Rat Fibrosis Dermis (Cedarwood Oil) 2](#_Toc440958683)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 | Lowest AIC | Include |
| None | Viable | Alternate |  | Include |
| None | Viable | Alternate |  | Include |
| None | Viable | Alternate |  | Include |
| None | Viable | Alternate |  | Include |
| None | Viable | Recommended (lowest BMDL) | Lowest BMDL | Include |

## BMDS Summary of Female Rat Fibrosis Dermis (Cedarwood Oil)

Table 1. Summary of BMD Modeling Results for CO- Female Rat Fibrosis Dermis

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Modela | Goodness of fit | | BMD10Pct  () | BMDL10Pct  () | Basis for model selection |
| *p*-value | AIC |
| Gamma | 0.520 | 36.165 | 10.4 | 5.17 |  |
| Dichotomous-Hill  LogLogistic | 0.623 | 35.458 | 11.1 | 6.52 |
| Logistic | 0.140 | 40.227 | 11.7 | 7.84 |
| Probit | 0.159 | 39.904 | 11.6 | 7.73 |
| LogProbit | 0.665 | 35.198 | 11.1 | 6.74 |
| Weibull | 0.443 | 36.986 | 9.12 | 4.31 |
| Multistage 4° | 0.494 | 35.247 | 10.6 | 3.73 |
| Multistage 3° | 0.494 | 35.247 | 10.6 | 3.74 |
| Multistage 2° | 0.494 | 35.247 | 10.6 | 3.82 |
| Quantal-Linear | 0.315 | 39.337 | 3.50 | 2.44 |
| a No model was selected as a best-fitting model. | | | | | |