|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Mod.A | | | |
|  | Est. | Std. Err. | z | p |
|  | Regression Slopes | | | |
| Capv |  |  |  |  |
| VPD | -0.37 | 0.01 | -30.66 | 0 |
| CWMSeedMass | 0.08 | 0.01 | 6.83 | 0 |
| FDisSeedMass | 0.11 | 0.01 | 9.29 | 0 |
| CWMSeedMass |  |  |  |  |
| VPD | 0.3 | 0.01 | 25.45 | 0 |
| FDisSeedMass |  |  |  |  |
| VPD | 0.06 | 0.01 | 5.14 | 0 |
|  | Intercepts | | | |
| Capv | 0 | 0.01 | -0.01 | 0.989 |
| FDisSeedMass | 0 | 0.01 | -0.06 | 0.95 |
| CMWSeedMass | 0 | 0.01 | 0.25 | 0.805 |
| VPD | 0 | 0.01 | 0 | 1 |
|  | Residual Variances | | | |
| Capv | 0.87 | 0.02 | 51.97 | 0 |
| CWMSeedMass | 0.91 | 0.01 | 77.56 | 0 |
| FDisSeedMass | 1 | 0.01 | 84.94 | 0 |
| VPD | 1 | 0.01 | 72.07 | 0 |
|  | Constructed | | | |
| be | 0.01 | 0 | 4.58 | 0 |
| ad | 0.03 | 0 | 6.6 | 0 |
| total | -0.34 | 0.01 | -28.78 | 0 |
|  | Fit Indices | | | |
| TLI | 0.93 |  |  |  |
| chisq | 19.85 |  |  |  |
| RMSEA | 0.05 |  |  |  |
| Scaled χ2 | 21.96(1) |  |  | 0 |

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|  | Mod.B | | | |
|  | Est. | Std. Err. | z | p |
|  | Regression Slopes | | | |
| Capv |  |  |  |  |
| VPD | -0.22 | 0.01 | -15.88 | 0 |
| CMWHeight | 0.24 | 0.01 | 16.92 | 0 |
| FDisHeight | 0.08 | 0.01 | 6.75 | 0 |
| CMWHeight |  |  |  |  |
| VPD | -0.51 | 0.01 | -45.12 | 0 |
| FDisHeight |  |  |  |  |
| VPD | 0.01 | 0.01 | 0.74 | 0.459 |
|  | Intercepts | | | |
| Capv | 0 | 0.01 | 0.21 | 0.83 |
| CMWHeight | -0.01 | 0.01 | -0.91 | 0.365 |
| FDisHeight | 0 | 0.01 | -0.08 | 0.936 |
| VPD | 0 | 0.01 | 0 | 1 |
|  | Residual Variances | | | |
| Capv | 0.84 | 0.02 | 49.79 | 0 |
| CMWHeight | 0.74 | 0.01 | 50.65 | 0 |
| FDisHeight | 1 | 0.02 | 58.28 | 0 |
| VPD | 1 | 0.01 | 72.07 | 0 |
|  | Constructed | | | |
| be | 0 | 0 | 0.74 | 0.461 |
| ad | -0.12 | 0.01 | -16.14 | 0 |
| total | -0.34 | 0.01 | -28.78 | 0 |
|  | Fit Indices | | | |
| TLI | 0.74 |  |  |  |
| chisq | 139.21 |  |  |  |
| RMSEA | 0.14 |  |  |  |
| Scaled χ2 | 130.23(1) |  |  | 0 |

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|  | Mod.C | | | |
|  | Est. | Std. Err. | z | p |
|  | Regression Slopes | | | |
| Capv |  |  |  |  |
| VPD | -0.32 | 0.01 | -26.17 | 0 |
| CMWSLA | 0 | 0.01 | -0.28 | 0.781 |
| FDisSLA | 0.12 | 0.01 | 9.59 | 0 |
| CMWSLA |  |  |  |  |
| VPD | 0.19 | 0.01 | 13.31 | 0 |
| FDisSLA |  |  |  |  |
| VPD | -0.19 | 0.01 | -14.52 | 0 |
|  | Intercepts | | | |
| Capv | 0 | 0.01 | 0.04 | 0.965 |
| CMWSLA | 0 | 0.01 | 0.19 | 0.85 |
| FDisSLA | 0 | 0.01 | -0.35 | 0.724 |
| VPD | 0 | 0.01 | 0 | 1 |
|  | Residual Variances | | | |
| Capv | 0.87 | 0.02 | 51.81 | 0 |
| CMWSLA | 0.96 | 0.02 | 39.82 | 0 |
| FDisSLA | 0.96 | 0.02 | 59.51 | 0 |
| VPD | 1 | 0.01 | 72.07 | 0 |
|  | Constructed | | | |
| be | -0.02 | 0 | -8.01 | 0 |
| ad | 0 | 0 | -0.28 | 0.781 |
| total | -0.34 | 0.01 | -28.78 | 0 |
|  | Fit Indices | | | |
| TLI | 0.69 |  |  |  |
| chisq | 77 |  |  |  |
| RMSEA | 0.11 |  |  |  |
| Scaled χ2 | 56.95(1) |  |  | 0 |

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|  | Mod.D | | | |
|  | Est. | Std. Err. | z | p |
|  | Regression Slopes | | | |
| Capv |  |  |  |  |
| VPD | -0.31 | 0.01 | -23.7 | 0 |
| CMWWD | -0.07 | 0.01 | -5.61 | 0 |
| FDisWD | 0.12 | 0.01 | 10.12 | 0 |
| CMWWD |  |  |  |  |
| VPD | 0.41 | 0.01 | 36.13 | 0 |
| FDisWD |  |  |  |  |
| VPD | -0.02 | 0.01 | -1.31 | 0.191 |
|  | Intercepts | | | |
| Capv | 0 | 0.01 | 0.07 | 0.946 |
| CMWWD | 0.01 | 0.01 | 0.65 | 0.513 |
| FDisWD | 0 | 0.01 | -0.15 | 0.879 |
| VPD | 0 | 0.01 | 0 | 1 |
|  | Residual Variances | | | |
| Capv | 0.87 | 0.02 | 51.57 | 0 |
| CMWWD | 0.84 | 0.01 | 68.57 | 0 |
| FDisWD | 1 | 0.01 | 73.91 | 0 |
| VPD | 1 | 0.01 | 72.07 | 0 |
|  | Constructed | | | |
| be | 0 | 0 | -1.29 | 0.196 |
| ad | -0.03 | 0.01 | -5.49 | 0 |
| total | -0.34 | 0.01 | -28.78 | 0 |
|  | Fit Indices | | | |
| TLI | 0.69 |  |  |  |
| chisq | 113.71 |  |  |  |
| RMSEA | 0.13 |  |  |  |
| Scaled χ2 | 129.55(1) |  |  | 0 |

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|  | Mod.E | | | |
|  | Est. | Std. Err. | z | p |
|  | Regression Slopes | | | |
| Capv |  |  |  |  |
| VPD | -0.35 | 0.01 | -28.96 | 0 |
| CMWXylem | 0.05 | 0.01 | 3.97 | 0 |
| FDisXylem | 0.06 | 0.01 | 4.63 | 0 |
| CMWXylem |  |  |  |  |
| VPD | 0.01 | 0.01 | 1.02 | 0.309 |
| FDisXylem |  |  |  |  |
| VPD | 0.16 | 0.01 | 12.8 | 0 |
|  | Intercepts | | | |
| Capv | 0 | 0.01 | -0.01 | 0.996 |
| CMWXylem | 0 | 0.01 | -0.07 | 0.945 |
| FDisXylem | 0 | 0.01 | 0.15 | 0.882 |
| VPD | 0 | 0.01 | 0 | 1 |
|  | Residual Variances | | | |
| Capv | 0.88 | 0.02 | 51.52 | 0 |
| CMWXylem | 1 | 0.11 | 9.02 | 0 |
| FDisXylem | 0.97 | 0.03 | 32.56 | 0 |
| VPD | 1 | 0.01 | 72.07 | 0 |
|  | Constructed | | | |
| be | 0.01 | 0 | 4.45 | 0 |
| ad | 0 | 0 | 0.98 | 0.326 |
| total | -0.34 | 0.01 | -28.78 | 0 |
|  | Fit Indices | | | |
| TLI | 0.05 |  |  |  |
| chisq | 191.86 |  |  |  |
| RMSEA | 0.17 |  |  |  |
| Scaled χ2 | 34.27(1) |  |  | 0 |

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|  | Mod.F | | | |
|  | Est. | Std. Err. | z | p |
|  | Regression Slopes | | | |
| Capv |  |  |  |  |
| VPD | -0.34 | 0.01 | -28.15 | 0 |
| CMWDim1 | 0.01 | 0.01 | 0.75 | 0.452 |
| FDisall | 0.11 | 0.01 | 8.55 | 0 |
| CMWDim1 |  |  |  |  |
| VPD | 0.24 | 0.01 | 21.03 | 0 |
| FDisall |  |  |  |  |
| VPD | 0.01 | 0.01 | 0.43 | 0.664 |
|  | Intercepts | | | |
| Capv | 0 | 0.01 | 0.01 | 0.996 |
| CMWDim1 | 0.01 | 0.01 | 0.74 | 0.457 |
| FDisall | 0 | 0.01 | -0.11 | 0.91 |
| VPD | 0 | 0.01 | 0 | 1 |
|  | Residual Variances | | | |
| Capv | 0.87 | 0.02 | 52.16 | 0 |
| CMWDim1 | 0.94 | 0.02 | 53.37 | 0 |
| FDisall | 1 | 0.01 | 84.41 | 0 |
| VPD | 1 | 0.01 | 72.07 | 0 |
|  | Constructed | | | |
| be | 0 | 0 | 0.44 | 0.663 |
| ad | 0 | 0 | 0.75 | 0.451 |
| total | -0.34 | 0.01 | -28.78 | 0 |
|  | Fit Indices | | | |
| TLI | 0.88 |  |  |  |
| chisq | 25.94 |  |  |  |
| RMSEA | 0.06 |  |  |  |
| Scaled χ2 | 25.50(1) |  |  | 0 |