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| **Marginal Means for Models Associated with Prediction 3 (Coefficient of Variation Across Contexts)** | | | | |
| **Factor level** | **Coefficient of Variation** | **Lower 95% CL** | **Upper 95% CL** | **Summary of effect** |
| Milkweed species = AINC | 0.691 | 0.555 | 0.827 | **χ² = 24.76, DF = 5,**  **p < 0.001** |
| Milkweed species = ASCU | 0.791 | 0.647 | 0.935 |
| Milkweed species = ASFA | 0.863 | 0.662 | 1.065 |
| Milkweed species = ASPEC | 0.970 | 0.794 | 1.146 |
| Milkweed species = ASYR | 0.989 | 0.863 | 1.114 |
| Milkweed species = GOPH | 0.863 | 0.768 | 0.958 |
| Monarch population = AU | 0.752 | 0.586 | 0.919 | χ² = 7.79, DF = 5,  p = 0.168 |
| Monarch population = HI | 0.988 | 0.829 | 1.147 |
| Monarch population = GU | 0.741 | 0.566 | 0.915 |
| Monarch population = ENA | 0.878 | 0.723 | 1.033 |
| Monarch population = CA | 0.893 | 0.758 | 1.029 |
| Monarch population = PR | 0.915 | 0.741 | 1.088 |
| Sym/allo = allopatric | 0.903 | 0.816 | 0.989 | **χ² = 4.53, DF = 1,**  **p = 0.033** |
| Sym/allo = sympatric | 0.819 | 0.716 | 0.923 |
| Usage = first | 0.799 | 0.716 | 0.882 | **χ² = 7.75, DF = 1,**  **p = 0.005** |
| Usage = second | 0.923 | 0.813 | 1.034 |
| Greenhouse = 86W | 0.897 | 0.796 | 0.998 | χ² = 2.81, DF = 1,  p = 0.093 |
| Greenhouse = Core | 0.826 | 0.733 | 0.918 |