**Supplemental File 3: Summary of significant predictor variable**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Predictors** | | | | | | |
| **Model type** | **Response variable** | **age** | **gender** | **edL** | **MainOp** | **TimeLC** | **VilDistPark** | **NumChild** |
| **Binomial logistic regression** | ReChimp | no | no | no | no | no | no | no |
| ChimpSb | **yes** | **yes** | **yes** | no | no | no | no |
| ECultTab | no | no | no | no | no | no | no |
| ChimpHun | no | **yes** | no | no | no | no | no |
| ChimEat | no | no | no | no | **yes** | no | no |
| KparkLim | no | no | no | no | no | no | **yes** |
| LawChimpPro | no | no | no | no | no | no | no |
| OpParkMa | no | no | no | no | no | no | no |
| OpChimpExt | no | no | no | no | no | no | no |
| OpChimpPro | no | no | no | no | no | no | no |
| **Ordinal logistic regression** | PerChimpPopTrend |  |  | **yes** |  |  |  |  |
| DelPark | **yes** | no | no | no | **yes** | no | no |
| RelComPM | no | **yes** | no | no | no | no | no |
| OpPM | no | no | no | no | no | no | no |