|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Species*** | **Model** | GLM |  | **GAMLSS** |  |
| Explained Deviance (%) | AIC | Explained Deviance (%) | AIC |
| *Panulirus penicillatus* | CPUE ~ temperature + distance to port + region + data source + month + fishing schedule | 13.6 | 12302 | **25.0** | **10925** |
|  |  |  |  |  |
| *Panulirus gracilis* | 27.4 | 5031 | **45.2** | **4416** |