A separate linear model for both of the native species (Bigmouth Buffalo and Gizzard Shad) fit both pre and post carp invasion. Fit separately for two pools, LaGrange Reach and Pool 26. Pool 26 invasion year 1998, LR invasion year 2000.

Fitting the linear regression model:

Log10(Weight)=B0 + B1 Log10(Length)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Scenario | B0 | B1 | Residual DF |
| Gizzard Shad | PreLG | 17.88 | -9.74 | 5 (garbage est) |
|  | Pre26 | -4.93 | 2.98 | 36 |
|  | PostLG | -4.83 | 2.90 | 6487 |
|  | Post26 | -4.74 | 2.87 | 161 |
| Bigmouth Buff | PreLG | -5.32 | 3.20 | 328 |
|  | Pre26 | -5.02 | 3.09 | 24 |
|  | PostLG | -4.89 | 3.03 | 1869 |
|  | Post26 | -4.77 | 2.99 | 70 |

LG = la grange

26 = Pool 26