

| ANOVA | | | | | |
|-------------------------|----|-----------------|-------------|-------------|---------|
| variation source | df | sum of sqrs | mean square | F | p-value |
| among L/W categories | 5 | 2118.7 | 423.74 | 234.04 | <0.001 |
| Tukey's HSD test | | | | | |
| | | mean difference | lower bound | upper bound | p-value |
| LW1-LW2 | | 1.7146 | 0.1100 | 3.3193 | 0.0296 |
| LW1-LW3 | | 3.5412 | 1.9495 | 5.1329 | <0.001 |
| LW1-LW4 | | 6.5720 | 4.5736 | 8.5704 | <0.001 |
| LW1-LW5 | | 14.4566 | 12.3666 | 16.5466 | <0.001 |
| LW1-LW6 | | 24.0987 | 21.4550 | 26.7423 | <0.001 |
| LW2-LW3 | | 1.8265 | 0.5561 | 3.0969 | 0.0011 |
| LW2-LW4 | | 4.8573 | 3.1040 | 6.6106 | <0.001 |
| LW2-LW5 | | 12.7419 | 10.8849 | 14.5989 | <0.001 |
| LW2-LW6 | | 22.3840 | 19.9204 | 24.8476 | <0.001 |
| LW3-LW4 | | 3.0308 | 1.2893 | 4.7722 | <0.001 |
| LW3-LW5 | | 10.9154 | 9.0696 | 12.7612 | <0.001 |
| LW3-LW6 | | 20.5574 | 18.1022 | 23.0126 | <0.001 |
| LW4-LW5 | | 7.8846 | 5.6784 | 10.0908 | <0.001 |
| LW4-LW6 | | 17.5266 | 14.7902 | 20.2631 | <0.001 |
| LW5-LW6 | | 9.6420 | 6.8380 | 12.4460 | <0.001 |