| **Comparison** | ***Pseudo-F*** | ***R2*** | **p-value** |
| --- | --- | --- | --- |
| Riley's Hump Shallow vs Riley's Hump Mesophotic | 1.851 | 0.041 | 0.1139 |
| Riley's Hump Shallow vs Tortugas Bank Shallow | 7.430 | 0.114 | 0.0002 |
| Riley's Hump Shallow vs Tortugas Bank Mesophotic | 8.640 | 0.140 | 0.0002 |
| Riley's Hump Shallow vs Lower Keys Shallow | 15.489 | 0.214 | 0.0002 |
| Riley's Hump Shallow vs Lower Keys Mesophotic | 13.467 | 0.188 | 0.0002 |
| Riley's Hump Shallow vs Upper Keys Shallow | 13.585 | 0.190 | 0.0002 |
| Riley's Hump Shallow vs Upper Keys Mesophotic | 6.845 | 0.106 | 0.0005 |
| Riley's Hump Mesophotic vs Tortugas Bank Shallow | 4.482 | 0.094 | 0.0011 |
| Riley's Hump Mesophotic vs Tortugas Bank Mesophotic | 3.196 | 0.078 | 0.0272 |
| Riley's Hump Mesophotic vs Lower Keys Shallow | 10.357 | 0.198 | 0.0002 |
| Riley's Hump Mesophotic vs Lower Keys Mesophotic | 5.584 | 0.115 | 0.0033 |
| Riley's Hump Mesophotic vs Upper Keys Shallow | 7.007 | 0.140 | 0.0005 |
| Riley's Hump Mesophotic vs Upper Keys Mesophotic | 1.342 | 0.030 | 0.2446 |
| Tortugas Bank Shallow vs Tortugas Bank Mesophotic | 7.456 | 0.123 | 0.0004 |
| Tortugas Bank Shallow vs Lower Keys Shallow | 6.042 | 0.096 | 0.0011 |
| Tortugas Bank Shallow vs Lower Keys Mesophotic | 9.729 | 0.144 | 0.0002 |
| Tortugas Bank Shallow vs Upper Keys Shallow | 9.906 | 0.146 | 0.0002 |
| Tortugas Bank Shallow vs Upper Keys Mesophotic | 9.477 | 0.140 | 0.0002 |
| Tortugas Bank Mesophotic vs Lower Keys Shallow | 16.781 | 0.244 | 0.0002 |
| Tortugas Bank Mesophotic vs Lower Keys Mesophotic | 1.193 | 0.022 | 0.2878 |
| Tortugas Bank Mesophotic vs Upper Keys Shallow | 3.741 | 0.066 | 0.0147 |
| Tortugas Bank Mesophotic vs Upper Keys Mesophotic | 3.855 | 0.068 | 0.0258 |
| Lower Keys Shallow vs Lower Keys Mesophotic | 21.369 | 0.273 | 0.0002 |
| Lower Keys Shallow vs Upper Keys Shallow | 20.115 | 0.261 | 0.0002 |
| Lower Keys Shallow vs Upper Keys Mesophotic | 21.339 | 0.272 | 0.0002 |
| Lower Keys Mesophotic vs Upper Keys Shallow | 4.919 | 0.078 | 0.0060 |
| Lower Keys Mesophotic vs Upper Keys Mesophotic | 9.149 | 0.136 | 0.0006 |
| Upper Keys Shallow vs Upper Keys Mesophotic | 10.593 | 0.154 | 0.0002 |