Table S2. Results of linear regression on male gonadosomatic index (GSI) (*n* = 135)

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| --- | --- | --- | --- |
| **Effect** | **Estimate** | **SE** | ***p*** |
| Intercept | 8.501×10-2 | 8.967×10-3 | < 2×10-16 |
| Site (urban) | -2.014×10-2 | 8.150×10-3 | 0.0148 |
| Year (2010) | -4.356×10-2 | 8.468×10-3 | 9.84×10-7 |
| Julian date | -2.676×10-4 | 4.650×10-5 | 6.08×10-8 |
| Site (urban) × Julian date | 7.080×10-5 | 4.145×10-5 | 0.09 |
| Site (urban) × Year (2010) | 6.392×10-3 | 3.912×10-3 | 0.10 |
| Year (2010) × Julian date | 2.124×10-4 | 4.375×10-5 | 3.46×10-6 |

Notes: Site and Year were treated as categorical effects; the ranch site in 2009 was considered the baseline treatment. All interaction effects with *p* > 0.1 were discarded from model. SE = standard error.