Effectiveness of community-based livestock protection strategies: a case study of human–lion conflict mitigation

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Supplementary Table 1 Residential density across the study sites (Tsholotsho, Mabale and Victoria Falls) in north-western Zimbabwe (adapted from Loveridge et al., 2017).

|  |  |  |  |
| --- | --- | --- | --- |
|  | Tsholotsho | Mabale | Victoria Falls |
| Density (buildings/km2) | 1.8 | 6.2 | 6.1 |

Supplementary Table 2: Summary of model averaged coefficients calculated using the *lme4* package in *R 4.4.0.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Estimate | SE | z value | Pr(>|z|) |
| (Intercept) | 0.96 | 0.22 | 4.30 | 0.01\*\* |
| Tsholotsho | -0.32 | 0.26 | -1.25 | 0.21 |
| Victoria Falls | -0.18 | 0.29 | -0.63 | 0.53 |
| **Time (Before = reference)** | | | | |
| After | 0.33 | 0.09 | 3.85 | 0.01\*\* |
| **Treatment status (Non-treatment = reference)** | | | | |
| Treatment | 1.73 | 0.23 | 7.52 | 0.01\*\* |
| **Interaction term** | | | | |
| After : Treatment | -0.51 | 0.10 | -5.04 | 0.01\*\* |

\*\*Significant effects.



Supplementary Fig. 1 The community-based programme’s theory of change.