Table S2. Regression analyses showing the multivariably adjusted effect of the four stratification variables on the respondents´ estimate of the percentage of ethics-approved animal experiments that are published (N=442).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Stratification variable** | **Crude** | **95% CI** | **P-value** | **adjusted†** | **Adjusted 95% CI** | **P-value** |
| Affiliation |  |  |  |  |  |  |
| Not-for profit (reference) |  |  |  |  |  |  |
| For-profit | -40 | -63.1 – -16.9 | 0.001 | -40 | -61.4 – -18.6 | <0.000 |
|  |  |  |  |  |  |  |
| Animal size |  |  |  |  |  |  |
| Small (reference) |  |  |  |  |  |  |
| Large | 5 | -5.0 – 15.0 | 0.324 | 0 | -8.6 – 8.6 | 1.000 |
| Large and small | 15 | -5.6 – 36.5 | 0.171 | 10 | -4.0 – 24.0 | 0.162 |
|  |  |  |  |  |  |  |
| Number of co-authored papers |  |  |  |  |  |  |
| 0-5 (reference) |  |  |  |  |  |  |
| 6-20 | 10 | 2.4 – 17.6 | 0.010 | 10 | 0.8 – 19.2 | 0.033 |
| At least 21 | 10 | 0.6 – 19.4 | 0.036 | 10 | 0.9 – 19.1 | 0.031 |
|  |  |  |  |  |  |  |
| Focus of experiments |  |  |  |  |  |  |
| Fundamental and pre-clinical (reference) |  |  |  |  |  |  |
| Fundamental only | 10 | 3.5 – 16.4 | 0.002 | 2 | -6.0 – 10.0 | 0.624 |
| Preclinical only | 0 | -10.8 – 10.8 | 1.000 | 0 | -15.8 – 15.8 | 1.000 |

All numbers are medians after bootstrapping the analysis 200 times. † Bootstrapped quantile regression on the median, simultaneously adjusting for all four stratification variables, that were modeled as dummy variables. CI denotes confidence interval. The intercept of the fully adjusted model, that is, the estimate for the median proportion of papers published of not-for profit researchers working with small animals, having co-authored between 0 and 5 papers, and working on both fundamental and pre-clinical topics was 50 percent (95% 43.5 – 56.5).