**Supplementary Table 1.** Adjusted means (± standard error) of the response variable for each seta type in *Amblyseius operculatus*, with corresponding 95% confidence intervals and groupings obtained from Tukey’s multiple comparison test (α = 0.05). Setae types sharing the same letter belong to the same statistical group, showing no significant differences among them.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type | Mean | SE | 95%CI (Lower) | 95%CI (Upper) | Group |
| *j*5 | 5.25 | 0.512 | 3.92 | 7.03 | a |
| *z*5 | 5.96 | 0.520 | 4.58 | 7.74 | ab |
| *j*4 | 6.20 | 0.665 | 4.49 | 8.55 | abc |
| *J*5 | 8.00 | 0.590 | 6.41 | 9.98 | abcd |
| *j*6 | 8.28 | 0.628 | 6.59 | 10.39 | abcde |
| *J*2 | 8.41 | 0.618 | 6.74 | 10.48 | abcde |
| *Z*1 | 9.61 | 0.646 | 7.85 | 11.76 | abcdef |
| *R*1 | 10.60 | 0.728 | 8.63 | 13.03 | abcdef |
| *z*4 | 10.76 | 0.734 | 8.77 | 13.20 | abcdef |
| *S*4 | 11.19 | 0.747 | 9.15 | 13.67 | abcdefg |
| *z*2 | 11.25 | 0.685 | 9.38 | 13.51 | abcdefg |
| *S*5 | 11.49 | 0.707 | 9.55 | 13.82 | abcdefg |
| *S*2 | 12.31 | 0.765 | 10.22 | 14.84 | abcdefg |
| *r*3 | 14.98 | 0.825 | 12.70 | 17.67 | abcdefg |
| *j*1 | 36.52 | 1.230 | 32.99 | 40.41 | abcdefgh |
| *j*3 | 48.14 | 1.420 | 44.08 | 52.59 | abcdefghi |
| *s*4 | 112.63 | 2.170 | 106.31 | 119.32 | abcdefghij |
| *Z*4 | 137.56 | 2.390 | 130.56 | 144.93 | abcdefghijk |
| *Z*5 | 289.63 | 3.550 | 279.17 | 300.49 | abcdefghijkl |

Type: type of setae analyzed; Mean: mean of the response variable; SE: standard error of the mean; 95% CI (Lower): lower limit of the 95% confidence interval; 95% CI (Upper): upper limit of the 95% confidence interval; Group: groupings based on Tukey’s multiple comparison test (means followed by the same letter are not significantly different).

**Supplementary Table 2.** Adjusted means (± standard error) of the response variable for each seta type in *Euseius alatus*, with corresponding 95% confidence intervals and groupings obtained from Tukey’s multiple comparison test (α = 0.05). Setae types sharing the same letter belong to the same statistical group, showing no significant differences among them.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type | Mean | SE | 95%CI (Lower) | 95%CI (Upper) | Group |
| *J*5 | 6.97 | 0.453 | 5.74 | 8.47 | a |
| *j*5 | 13.22 | 0.606 | 11.52 | 15.17 | ab |
| *j*4 | 13.88 | 0.630 | 12.12 | 15.91 | ab |
| *z*5 | 14.00 | 0.642 | 12.20 | 16.06 | abc |
| *R*1 | 14.34 | 0.659 | 12.50 | 16.46 | abc |
| *r*3 | 14.64 | 0.688 | 12.72 | 16.86 | abcd |
| *j*6 | 15.03 | 0.655 | 13.18 | 17.13 | abcd |
| *z*2 | 15.72 | 0.661 | 13.86 | 17.83 | abcd |
| *J*2 | 16.36 | 0.684 | 14.44 | 18.55 | abcde |
| *Z*1 | 16.47 | 0.676 | 14.56 | 18.63 | abcde |
| *z*4 | 17.30 | 0.693 | 15.34 | 19.51 | abcdef |
| *Z*4 | 18.09 | 0.719 | 16.06 | 20.38 | abcdefg |
| *S*2 | 19.41 | 0.734 | 17.33 | 21.75 | abcdefgh |
| *j*3 | 20.66 | 0.758 | 18.51 | 23.07 | abcdefgh |
| *S*5 | 21.03 | 0.764 | 18.85 | 23.45 | abcdefgh |
| *S*4 | 21.96 | 0.804 | 19.68 | 24.51 | abcdefgh |
| *s*4 | 22.25 | 0.786 | 20.01 | 24.74 | abcdefgh |
| *j*1 | 29.00 | 0.897 | 26.43 | 31.82 | abcdefghi |
| *Z*5 | 56.24 | 1.250 | 52.62 | 60.12 | abcdefghij |

Type: type of setae analyzed; Mean: mean of the response variable; SE: standard error of the mean; 95% CI (Lower): lower limit of the 95% confidence interval; 95% CI (Upper): upper limit of the 95% confidence interval; Group: groupings based on Tukey’s multiple comparison test (means followed by the same letter are not significantly different).

**Supplementary Table 3.** Adjusted means (± standard error) of the response variable for each seta type in *Euseius mesembrinus*, with corresponding 95% confidence intervals and groupings obtained from Tukey’s multiple comparison test (α = 0.05). Setae types sharing the same letter belong to the same statistical group, showing no significant differences among them.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type | Mean | SE | 95%CI (Lower) | 95%CI (Upper) | Group |
| *J*5 | 5.62 | 0.517 | 4.26 | 7.41 | a |
| *j*5 | 8.86 | 0.649 | 7.11 | 11.04 | b |
| *j*4 | 8.90 | 0.651 | 7.15 | 11.09 | b |
| *z*5 | 9.29 | 0.665 | 7.49 | 11.51 | bc |
| *j*6 | 10.19 | 0.697 | 8.30 | 12.51 | bc |
| *Z*1 | 11.24 | 0.732 | 9.24 | 13.66 | bcd |
| *R*1 | 11.29 | 0.733 | 9.29 | 13.71 | bcd |
| *Z*4 | 11.33 | 0.735 | 9.33 | 13.77 | bcd |
| *J*2 | 11.67 | 0.745 | 9.63 | 14.13 | bcde |
| *z*2 | 12.81 | 0.781 | 10.67 | 15.38 | bcdef |
| *S*2 | 14.33 | 0.826 | 12.06 | 17.04 | bcdefg |
| *z*4 | 14.76 | 0.838 | 12.45 | 17.50 | bcdefg |
| *r*3 | 15.67 | 0.864 | 13.28 | 18.48 | bcdefg |
| *S*4 | 15.86 | 0.869 | 13.45 | 18.69 | bcdefg |
| *S*5 | 17.71 | 0.918 | 15.16 | 20.70 | bcdefg |
| *j*3 | 18.92 | 0.997 | 16.16 | 22.17 | bcdefgh |
| *s*4 | 23.48 | 1.060 | 20.51 | 26.87 | bcdefgh |
| *j*1 | 29.70 | 1.320 | 25.99 | 33.94 | bcdefghi |
| *Z*5 | 55.76 | 1.630 | 51.08 | 60.87 | bcdefghij |

Type: type of seta analyzed; Mean: mean of the response variable; SE: standard error of the mean; 95% CI (Lower): lower limit of the 95% confidence interval; 95% CI (Upper): upper limit of the 95% confidence interval; Group: groupings based on Tukey’s multiple comparison test (means followed by the same letter are not significantly different).

**Supplementary Table 4.** Adjusted means (± standard error) of the response variable for each seta type in *Iphiseiodes zuluagai*, with corresponding 95% confidence intervals and groupings obtained from Tukey’s multiple comparison test (α = 0.05). Setae types sharing the same letter belong to the same statistical group, showing no significant differences among them.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type | Mean | SE | 95%CI (Lower) | 95%CI (Upper) | Group |
| *j*4 | 2.00 | 0.289 | 1.30 | 3.08 | a |
| *j*5 | 2.04 | 0.286 | 1.34 | 3.11 | a |
| *z*5 | 2.11 | 0.333 | 1.31 | 3.38 | a |
| *j*6 | 2.25 | 0.335 | 1.44 | 3.52 | a |
| *z*2 | 2.28 | 0.356 | 1.43 | 3.64 | a |
| *z*4 | 2.33 | 0.394 | 1.41 | 3.87 | a |
| *J*2 | 2.41 | 0.331 | 1.60 | 3.64 | a |
| *Z*1 | 2.55 | 0.357 | 1.68 | 3.88 | a |
| *S*2 | 2.65 | 0.395 | 1.69 | 4.14 | ab |
| *Z*4 | 2.67 | 0.333 | 1.83 | 3.88 | a |
| *S*4 | 2.76 | 0.363 | 1.86 | 4.10 | ab |
| *S*5 | 2.90 | 0.372 | 1.98 | 4.27 | ab |
| *J*5 | 3.04 | 0.342 | 2.17 | 4.26 | ab |
| *R*1 | 3.58 | 0.546 | 2.27 | 5.66 | ab |
| *r*3 | 5.17 | 0.656 | 3.53 | 7.56 | ab |
| *j*1 | 19.25 | 0.896 | 16.74 | 22.13 | abc |
| *j*3 | 25.40 | 1.010 | 22.55 | 28.62 | abcd |
| *s*4 | 100.71 | 1.930 | 95.07 | 106.68 | abcde |
| *Z*5 | 116.23 | 2.080 | 110.16 | 122.63 | abcdef |

Type: type of seta analyzed; Mean: mean of the response variable; SE: standard error of the mean; 95% CI (Lower): lower limit of the 95% confidence interval; 95% CI (Upper): upper limit of the 95% confidence interval; Group: groupings based on Tukey’s multiple comparison test (means followed by the same letter are not significantly different).

**Supplementary Table 5.** Adjusted means (± standard error) of the response variable for each seta type in *Typhlodromalus aripo*, with corresponding 95% confidence intervals and groupings obtained from Tukey’s multiple comparison test (α = 0.05). Setae types sharing the same letter belong to the same statistical group, showing no significant differences among them.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type | Mean | SE | 95%CI (Lower) | 95%CI (Upper) | Group |
| *z*2 | 20.7 | 1.52 | 16.8 | 25.7 | ab |
| *r*3 | 20.8 | 1.22 | 17.5 | 24.6 | a |
| *J*2 | 21.1 | 1.54 | 17.0 | 26.0 | ab |
| *j*6 | 21.4 | 1.64 | 17.1 | 26.7 | ab |
| *R*1 | 22.4 | 4.69 | 12.2 | 41.2 | abcdefg |
| *Z*1 | 25.3 | 1.05 | 22.5 | 28.6 | abc |
| *S*4 | 26.7 | 1.08 | 23.7 | 30.0 | abcd |
| *j*1 | 29.5 | 1.09 | 26.5 | 32.8 | abcd |
| *S*2 | 30.7 | 1.11 | 27.6 | 34.1 | abcde |
| *z*4 | 33.1 | 1.15 | 30.0 | 36.7 | abcdef |
| *j*3 | 38.6 | 1.24 | 35.1 | 42.4 | abcdef |
| *s*4 | 46.2 | 1.36 | 42.4 | 50.3 | abcdefgh |
| *Z*4 | 52.3 | 1.45 | 48.3 | 56.7 | abcdefgh |
| *Z*5 | 67.1 | 1.64 | 62.5 | 72.0 | abcdefghi |

Type: type of seta analyzed; Mean: mean of the response variable; SE: standard error of the mean; 95% CI (Lower): lower limit of the 95% confidence interval; 95% CI (Upper): upper limit of the 95% confidence interval; Group: groupings based on Tukey’s multiple comparison test (means followed by the same letter are not significantly different).

**Supplementary Table 6.** Adjusted means (± standard error) of the response variable for each seta type in *Typhlodromalus peregrinus*, with corresponding 95% confidence intervals and groupings obtained from Tukey’s multiple comparison test (α = 0.05). Setae types sharing the same letter belong to the same statistical group, showing no significant differences among them.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type | Mean | SE | 95%CI (Lower) | 95%CI (Upper) | Group |
| *J*5 | 8.46 | 0.454 | 7.20 | 9.94 | a |
| *S*5 | 11.07 | 0.547 | 9.55 | 12.84 | ab |
| *j*5 | 13.27 | 0.576 | 11.65 | 15.12 | ab |
| *j*4 | 13.46 | 0.573 | 11.85 | 15.29 | abc |
| *z*5 | 13.80 | 0.595 | 12.13 | 15.71 | abc |
| *R*1 | 16.51 | 0.677 | 14.60 | 18.67 | abcd |
| *j*6 | 17.17 | 0.640 | 15.36 | 19.20 | abcd |
| *J*2 | 17.50 | 0.645 | 15.67 | 19.55 | abcd |
| *r*3 | 18.69 | 0.741 | 16.60 | 21.06 | abcde |
| *Z*1 | 21.41 | 0.714 | 19.37 | 23.66 | abcdef |
| *z*2 | 22.15 | 0.726 | 20.08 | 24.44 | abcdefg |
| *S*4 | 22.85 | 0.747 | 20.72 | 25.21 | abcdefg |
| *z*4 | 25.43 | 0.808 | 23.12 | 27.97 | abcdefgh |
| *j*1 | 27.43 | 0.808 | 25.11 | 29.96 | Abcdefghi |
| *S*2 | 27.97 | 0.847 | 25.54 | 30.63 | Abcdefghi |
| *j*3 | 31.56 | 0.911 | 28.94 | 34.41 | Abcdefghi |
| *s*4 | 39.41 | 0.982 | 36.57 | 42.47 | Abcdefghij |
| *Z*4 | 45.47 | 1.040 | 42.45 | 48.70 | Abcdefghijk |
| *Z*5 | 62.71 | 1.240 | 59.10 | 66.54 | Abcdefghijkl |

Type: type of seta analyzed; Mean: mean of the response variable; SE: standard error of the mean; 95% CI (Lower): lower limit of the 95% confidence interval; 95% CI (Upper): upper limit of the 95% confidence interval; Group: groupings based on Tukey’s multiple comparison test (means followed by the same letter are not significantly different).

**Supplementary Table 7.** Adjusted means (± standard error) of the response variable for each seta type in *Phytoseius bennetti*, with corresponding 95% confidence intervals and groupings obtained from Tukey’s multiple comparison test (α = 0.05). Setae types sharing the same letter belong to the same statistical group, showing no significant differences among them.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type | Mean | SE | 95%CI (Lower) | 95%CI (Upper) | Group |
| *j*5 | 6.52 | 0.532 | 5.12 | 8.31 | a |
| *J*2 | 6.78 | 0.543 | 5.35 | 8.60 | a |
| *J*5 | 6.99 | 0.563 | 5.50 | 8.87 | a |
| *j*4 | 7.04 | 0.553 | 5.58 | 8.89 | a |
| *z*2 | 7.33 | 0.591 | 5.77 | 9.31 | ab |
| *z*5 | 7.45 | 0.789 | 5.44 | 10.20 | ab |
| *j*6 | 7.82 | 0.583 | 6.27 | 9.76 | ab |
| *z*4 | 10.39 | 0.672 | 8.57 | 12.59 | abc |
| *R*1 | 11.87 | 0.718 | 9.92 | 14.20 | abc |
| *j*1 | 16.91 | 0.857 | 14.55 | 19.65 | abcd |
| *j*3 | 26.60 | 1.080 | 23.59 | 29.99 | abcde |
| *r*3 | 30.69 | 1.150 | 27.44 | 34.31 | abcdef |
| *z*3 | 35.68 | 1.250 | 32.18 | 39.58 | abcdefg |
| *s*4 | 39.42 | 1.310 | 35.72 | 43.50 | abcdefg |
| *Z*4 | 41.99 | 1.350 | 38.17 | 46.19 | abcdefgh |
| *Z*5 | 48.20 | 1.450 | 44.09 | 52.69 | abcdefghi |
| *s*6 | 52.64 | 1.510 | 48.34 | 57.32 | abcdefghi |

Type: type of setae analyzed; Mean: mean of the response variable; SE: standard error of the mean; 95% CI (Lower): lower limit of the 95% confidence interval; 95% CI (Upper): upper limit of the 95% confidence interval; Group: groupings based on Tukey’s multiple comparison test (means followed by the same letter are not significantly different).

**Supplementary Table 8.** Adjusted means (± standard error) of the response variable for each seta type in *Phytoseius intermedius*, with corresponding 95% confidence intervals and groupings obtained from Tukey’s multiple comparison test (α = 0.05). Setae types sharing the same letter belong to the same statistical group, showing no significant differences among them.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type | Mean | SE | 95%CI (Lower) | 95%CI (Upper) | Group |
| *j*5 | 6.27 | 0.590 | 4.76 | 8.26 | a |
| *j*4 | 6.60 | 0.605 | 5.05 | 8.63 | a |
| *J*5 | 6.98 | 0.590 | 5.45 | 8.94 | a |
| *z*5 | 6.99 | 0.644 | 5.34 | 9.16 | a |
| *j*6 | 7.03 | 0.607 | 5.46 | 9.05 | a |
| *z*4 | 16.36 | 0.882 | 13.97 | 19.16 | ab |
| *z*2 | 22.11 | 1.080 | 19.17 | 25.49 | abc |
| *j*3 | 23.56 | 1.110 | 20.52 | 27.06 | abc |
| *j*1 | 25.73 | 1.110 | 22.68 | 29.18 | abc |
| *z*3 | 35.48 | 1.300 | 31.87 | 39.49 | abcd |
| *r*3 | 37.70 | 1.410 | 33.79 | 42.06 | abcd |
| *s*4 | 61.06 | 1.700 | 56.27 | 66.26 | abcde |
| *Z*5 | 64.82 | 1.760 | 59.87 | 70.17 | abcde |
| *s*6 | 78.94 | 1.990 | 73.33 | 84.98 | abcdef |
| *Z*4 | 80.89 | 1.960 | 75.34 | 86.84 | abcdef |

Type: type of seta analyzed; Mean: mean of the response variable; SE: standard error of the mean; 95% CI (Lower): lower limit of the 95% confidence interval; 95% CI (Upper): upper limit of the 95% confidence interval; Group: groupings based on Tukey’s multiple comparison test (means followed by the same letter are not significantly different).

**Supplementary Table 9.** Adjusted means (± standard error) of the response variable for each seta type in *Phytoseius litoralis*, with corresponding 95% confidence intervals and groupings obtained from Tukey’s multiple comparison test (α = 0.05). Setae types sharing the same letter belong to the same statistical group, showing no significant differences among them.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type | Mean | SE | 95%CI (Lower) | 95%CI (Upper) | Group |
| *z*3 | 30.3 | 1.26 | 27.1 | 34.0 | a |
| *j*1 | 30.9 | 1.11 | 28.0 | 34.1 | a |
| *j*3 | 31.7 | 1.13 | 28.7 | 34.9 | a |
| *r*3 | 44.4 | 1.28 | 41.0 | 48.0 | ab |
| *Z*5 | 73.8 | 1.65 | 69.4 | 78.4 | abc |
| *s*6 | 79.0 | 1.71 | 74.5 | 83.8 | abc |
| *Z*4 | 89.7 | 1.82 | 84.9 | 94.8 | abcd |
| *s*4 | 121.5 | 2.21 | 115.6 | 127.7 | abcde |

Type: type of setae analyzed; Mean: mean of the response variable; SE: standard error of the mean; 95% CI (Lower): lower limit of the 95% confidence interval; 95% CI (Upper): upper limit of the 95% confidence interval; Group: groupings based on Tukey’s multiple comparison test (means followed by the same letter are not significantly different).

**Supplementary Table 10.** Adjusted means (± standard error) of the response variable for each seta type in *Galendromimus* (*Galendromimus*) *multipoculi*, with corresponding 95% confidence intervals and groupings obtained from Tukey’s multiple comparison test (α = 0.05). Setae types sharing the same letter belong to the same statistical group, showing no significant differences among them.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type | Mean | SE | 95%CI (Lower) | 95%CI (Upper) | Group |
| *J*5 | 8.83 | 0.994 | 6.32 | 12.3 | a |
| *j*5 | 9.11 | 0.754 | 7.13 | 11.6 | a |
| *j*4 | 9.11 | 0.754 | 7.13 | 11.6 | a |
| *J*2 | 10.25 | 0.826 | 8.07 | 13.0 | a |
| *j*6 | 10.34 | 0.862 | 8.07 | 13.2 | a |
| *z*5 | 11.47 | 0.874 | 9.14 | 14.4 | ab |
| *j*1 | 16.04 | 1.000 | 13.33 | 19.3 | abc |
| *j*3 | 18.78 | 1.080 | 15.83 | 22.3 | abcd |
| *r*3 | 19.81 | 1.240 | 16.47 | 23.8 | abcd |
| *S*5 | 20.37 | 1.160 | 17.19 | 24.1 | abcd |
| *z*2 | 22.45 | 1.220 | 19.10 | 26.4 | abcd |
| *s*4 | 39.81 | 1.580 | 35.40 | 44.8 | abcde |
| *z*4 | 40.87 | 1.600 | 36.40 | 45.9 | abcde |
| *Z*1 | 47.30 | 1.720 | 42.47 | 52.7 | abcdef |
| *s*6 | 47.55 | 1.840 | 42.39 | 53.3 | abcdef |
| *Z*5 | 54.42 | 1.840 | 49.21 | 60.2 | abcdefg |
| *Z*4 | 57.66 | 1.900 | 52.30 | 63.6 | abcdefg |

Type: type of setae analyzed; Mean: mean of the response variable; SE: standard error of the mean; 95% CI (Lower): lower limit of the 95% confidence interval; 95% CI (Upper): upper limit of the 95% confidence interval; Group: groupings based on Tukey’s multiple comparison test (means followed by the same letter are not significantly different).

**Supplementary Table 11.** Adjusted means (± standard error) of the response variable for each seta type in *Galendromus* (*Galendromus*) *annectens*, with corresponding 95% confidence intervals and groupings obtained from Tukey’s multiple comparison test (α = 0.05). Setae types sharing the same letter belong to the same statistical group, showing no significant differences among them.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type | Mean | SE | 95%CI (Lower) | 95%CI (Upper) | Group |
| *J*5 | 7.73 | 0.555 | 6.24 | 9.58 | a |
| *j*1 | 16.74 | 0.829 | 14.44 | 19.41 | ab |
| *j*4 | 29.36 | 1.040 | 26.41 | 32.64 | abc |
| *r*3 | 32.13 | 1.230 | 28.66 | 36.02 | abcd |
| *z*3 | 34.88 | 1.260 | 31.32 | 38.84 | abcde |
| *j*5 | 37.81 | 1.180 | 34.44 | 41.50 | abcdef |
| *z*5 | 38.58 | 1.190 | 35.18 | 42.31 | abcdefg |
| *j*3 | 38.85 | 1.270 | 35.24 | 42.82 | abcdefg |
| *z*2 | 39.20 | 1.250 | 35.63 | 43.12 | abcdefg |
| *z*4 | 39.54 | 1.230 | 36.04 | 43.39 | abcdefg |
| *S*5 | 43.11 | 1.310 | 39.37 | 47.21 | abcdefgh |
| *Z*5 | 43.75 | 1.270 | 40.12 | 47.71 | abcdefgh |
| *s*4 | 44.45 | 1.280 | 40.79 | 48.44 | abcdefghi |
| *J*2 | 46.92 | 1.340 | 43.09 | 51.10 | abcdefghi |
| *Z*4 | 47.29 | 1.370 | 43.37 | 51.56 | abcdefghi |
| *j*6 | 47.51 | 1.320 | 43.72 | 51.63 | abcdefghi |
| *s*6 | 51.08 | 1.400 | 47.06 | 55.43 | abcdefghi |
| *S*2 | 51.11 | 1.400 | 47.10 | 55.45 | abcdefghi |

Type: type of setae analyzed; Mean: mean of the response variable; SE: standard error of the mean; 95% CI (Lower): lower limit of the 95% confidence interval; 95% CI (Upper): upper limit of the 95% confidence interval; Group: groupings based on Tukey’s multiple comparison test (means followed by the same letter are not significantly different).

**Supplementary Table 12.** Adjusted means (± standard error) of the response variable for each seta type in *Metaseiulus* (*Metaseiulus*) *ferlai*, with corresponding 95% confidence intervals and groupings obtained from Tukey’s multiple comparison test (α = 0.05). Setae types sharing the same letter belong to the same statistical group, showing no significant differences among them.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type | Mean | SE | 95%CI (Lower) | 95%CI (Upper) | Group |
| *J*5 | 8.89 | 1.69 | 5.03 | 15.7 | a |
| *j*5 | 15.05 | 1.74 | 10.64 | 21.3 | ab |
| *j*4 | 15.25 | 1.75 | 10.81 | 21.5 | ab |
| *z*5 | 15.33 | 1.95 | 10.47 | 22.4 | ab |
| *z*2 | 17.31 | 2.07 | 12.09 | 24.8 | abcd |
| *j*6 | 17.66 | 1.88 | 12.82 | 24.3 | abc |
| *z*3 | 18.86 | 1.95 | 13.84 | 25.7 | abcd |
| *R*1 | 19.78 | 2.21 | 14.14 | 27.7 | abcd |
| *J*2 | 19.87 | 2.00 | 14.69 | 26.9 | abcd |
| *j*1 | 20.25 | 2.26 | 14.48 | 28.3 | abcd |
| *j*3 | 20.47 | 2.03 | 15.21 | 27.5 | abcd |
| *z*4 | 20.87 | 2.05 | 15.55 | 28.0 | abcd |
| *r*3 | 21.02 | 2.28 | 15.17 | 29.1 | abcd |
| *S*5 | 21.76 | 2.32 | 15.80 | 30.0 | abcd |
| *s*4 | 22.99 | 2.38 | 16.86 | 31.4 | abcd |
| *s*6 | 23.88 | 2.19 | 18.14 | 31.4 | abcd |
| *S*2 | 24.88 | 2.23 | 19.00 | 32.6 | abcd |
| *Z*4 | 28.49 | 2.39 | 22.15 | 36.7 | abcd |
| *Z*5 | 28.89 | 2.41 | 22.50 | 37.1 | abcd |

Type: type of setae analyzed; Mean: mean of the response variable; SE: standard error of the mean; 95% CI (Lower): lower limit of the 95% confidence interval; 95% CI (Upper): upper limit of the 95% confidence interval; Group: groupings based on Tukey’s multiple comparison test (means followed by the same letter are not significantly different).

**Supplementary Table 13.** Adjusted means (± standard error) of the response variable for each seta type in *Leonseius elbanhawyi*, with corresponding 95% confidence intervals and groupings obtained from Tukey’s multiple comparison test (α = 0.05). Setae types sharing the same letter belong to the same statistical group, showing no significant differences among them.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type | Mean | SE | 95%CI (Lower) | 95%CI (Upper) | Group |
| *z*5 | 3.30 | 0.504 | 2.10 | 5.21 | a |
| *z*2 | 3.52 | 0.543 | 2.22 | 5.57 | ab |
| *j*4 | 3.78 | 0.613 | 2.33 | 6.13 | abc |
| *j*5 | 3.84 | 0.543 | 2.52 | 5.86 | ab |
| *j*6 | 4.53 | 0.590 | 3.07 | 6.68 | abc |
| *z*4 | 4.74 | 0.628 | 3.19 | 7.04 | abc |
| *J*2 | 5.16 | 0.656 | 3.54 | 7.54 | abc |
| *s*6 | 5.99 | 0.678 | 4.27 | 8.40 | abcd |
| *S*5 | 6.38 | 0.700 | 4.59 | 8.85 | abcd |
| *J*5 | 6.76 | 0.721 | 4.92 | 9.29 | abcd |
| *R*1 | 7.30 | 0.749 | 5.37 | 9.91 | abcd |
| *r*3 | 9.45 | 0.852 | 7.22 | 12.36 | abcd |
| *z*3 | 10.05 | 0.918 | 7.65 | 13.20 | abcd |
| *j*1 | 27.86 | 1.520 | 23.67 | 32.80 | abcde |
| *j*3 | 36.75 | 1.750 | 31.88 | 42.35 | abcdef |
| *s*4 | 96.28 | 2.830 | 88.19 | 105.12 | abcdefg |
| *Z*4 | 102.42 | 2.930 | 94.03 | 111.56 | abcdefg |
| *Z*5 | 285.74 | 4.690 | 272.09 | 300.08 | abcdefgh |

Type: type of setae analyzed; Mean: mean of the response variable; SE: standard error of the mean; 95% CI (Lower): lower limit of the 95% confidence interval; 95% CI (Upper): upper limit of the 95% confidence interval; Group: groupings based on Tukey’s multiple comparison test (means followed by the same letter are not significantly different).