Table 1: Interaction Model: Immune Signatures × Parasite Species

Principal components predicting weight loss by infection group

|  | Interaction Model |
| --- | --- |
| Intercept | 4.713\*\*\* |
|  | (0.918) |
| PC1 (Inflammatory) | -0.077 |
|  | (0.395) |
| PC2 (Regulatory) | 0.347 |
|  | (0.542) |
| E. ferrisi infection | 5.258\*\*\* |
|  | (1.342) |
| E. falciformis infection | 10.025\*\*\* |
|  | (1.314) |
| PC1 × E. ferrisi | 0.157 |
|  | (0.590) |
| PC1 × E. falciformis | 1.194\* |
|  | (0.505) |
| PC2 × E. ferrisi | -2.618\*\*\* |
|  | (0.774) |
| PC2 × E. falciformis | -1.185 |
|  | (0.755) |
| Num.Obs. | 136 |
| R2 | 0.426 |
| R2 Adj. | 0.390 |
| \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | |
| Reference group: Uninfected controls | |
| Model assumptions verified (Supplementary Table SX) | |