### Figure 7-source data 3 - Differences in growth between evolved strains with and without bacteria

Results from a linear mixed model testing the effect of yeast initial density (10,000 colony forming units/µL (“early”) or 10 cells/µL (“late”), yeast monoculture or competition with bacteria) treatment and evolution treatment (ancestral, evolved in normal nectar, low-pH nectar, or bacteria-conditioned nectar) on the difference in final yeast density between treatments with a high density of bacteria and a low density of yeast (BY) and yeast grown in monoculture at a low density (-Y). Growth difference was calculated as (BY) - (-Y). Bold text shows p-values less than or equal to 0.05.

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| --- | --- | --- | --- | --- | --- |
| **Comparison** | **Estimate** | **Standard error** | **Degrees of freedom** | **t ratio** | **p value** |
| ancestral - normal | -0.0303 | 0.0969 | 127 | -0.313 | 0.9894 |
| ancestral - low\_pH | -0.4636 | 0.1021 | 127 | -4.539 | **0.0001** |
| ancestral - AN\_con | -0.3166 | 0.0969 | 127 | -3.267 | **0.0076** |
| normal - low\_pH | -0.4333 | 0.1099 | 127 | -3.943 | **0.0008** |
| normal - AN\_con | -0.2863 | 0.104 | 127 | -2.754 | **0.0337** |
| low\_pH - AN\_con | 0.147 | 0.1099 | 127 | 1.338 | 0.5409 |

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