**Supplementary file 5a**

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| **Carbon source** | **Kruskal-Wallis** (for final density ratios) | ***n*** | **Initial % of *P. aeruginosa*** | **P value**(Mann-Whitney, for bacterial densities) |
| Glucose  | 0.0009 | 5 | 60 | 0.0283 |
| 5 | 50 | 0.009 |
| 6 | 40 | 0.5653 |
| 6 | 30 | 0.2492 |
| 6 | 20 | 0.0088 |
| Lactic acid | 0.0029 | 8 | 60 | 0.0357 |
| 4 | 50 | 0.0433 |
| 5 | 40 | 0.009 |
| 5 | 30 | 0.0472 |
| 4 | 20 | 0.6631 |
| 4 | 10 | 0.0209 |
| Pyruvate | < 0.0001 | 7 | 60 | 0.0088 |
| 3 | 50 | 0.0202 |
| 4 | 40 | 0.0209 |
| 6 | 30 | 0.025 |
| 4 | 20 | 0.0209 |
| 9 | 10 | 0.0023 |
| 4 | 1 | 0.0202 |
| Ribose | < 0.0001 | 5 | 60 | 0.0112 |
| 5 | 50 | 0.0367 |
| 4 | 40 | 0.0304 |
| 5 | 30 | 0.0367 |
| 5 | 20 | 0.1745 |
| 9 | 10 | 0.757 |
| 5 | 1 | 0.009 |
| Sucrose | < 0.0001 | 6 | 60 | 0.0374 |
| 4 | 50 | 0.0833 |
| 5 | 40 | 0.6015 |
| 6 | 30 | 0.025 |
| 3 | 20 | 0.0463 |