Supplementary File 3 - Observations and predictions of log(TOF) across all aspiration times and chlorpyrifos concentrations.

Observed frequencies (log(TOF)) of all aspirated measurements (red) and model estimated frequencies of maturing nematodes (blue). The distribution of the loaded nematodes is shown in green. Extraneous noise was modeled as a lognormal distribution (black). Black vertical lines indicate change points, where growth rates changed.
Suppl Fig 3b
Suppl Fig 3d

- **12 h**
- **36 h**
- **48 h**
- **60 h**

Dose level is 0.75

Log (TOF) units
Suppl Fig 3f

Dose level is 7.5

log(TOF) units
Suppl Fig 3g
Suppl Fig 3h

Dose level is 22.5

Log(TOF) units

12 h

36 h

48 h

60 h

72 h
Suppl Fig 3i

dose level is 45

![Graphs at 12 h, 36 h, 48 h, 60 h, and 72 h showing changes in log(TOF) units over time.](image)