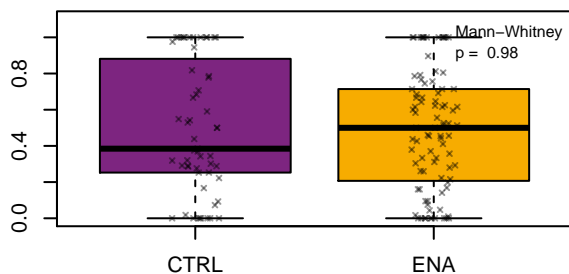
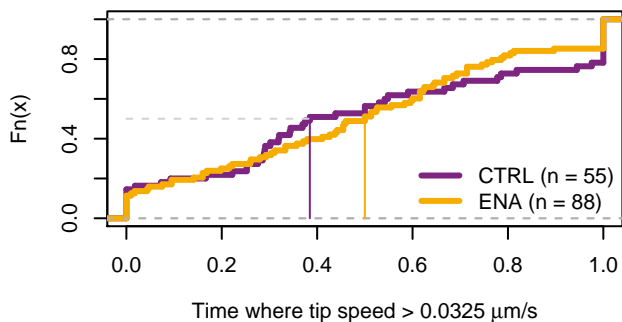


Time where tip speed > 0.0325  $\mu\text{m/s}$

### Time tip extending

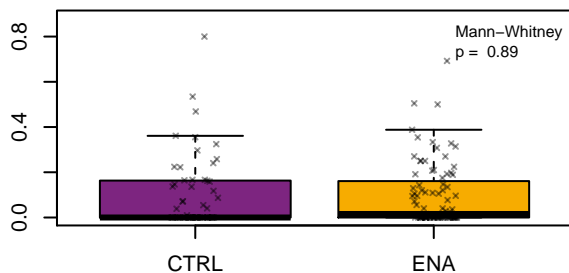


### Time tip extending (CDF)

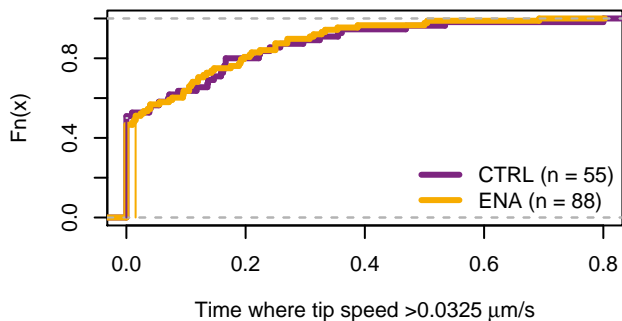


Time where tip speed < -0.0325  $\mu\text{m/s}$

### Time tip retracting

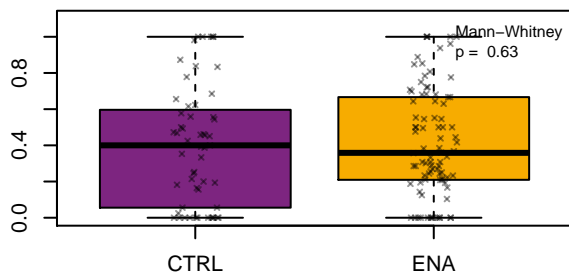


### Time tip retracting (CDF)



Time where abs(FDCTM) < 0.0325  $\mu\text{m} / 2\text{s}$

### Time tip stalling



### Time tip stalling (CDF)

