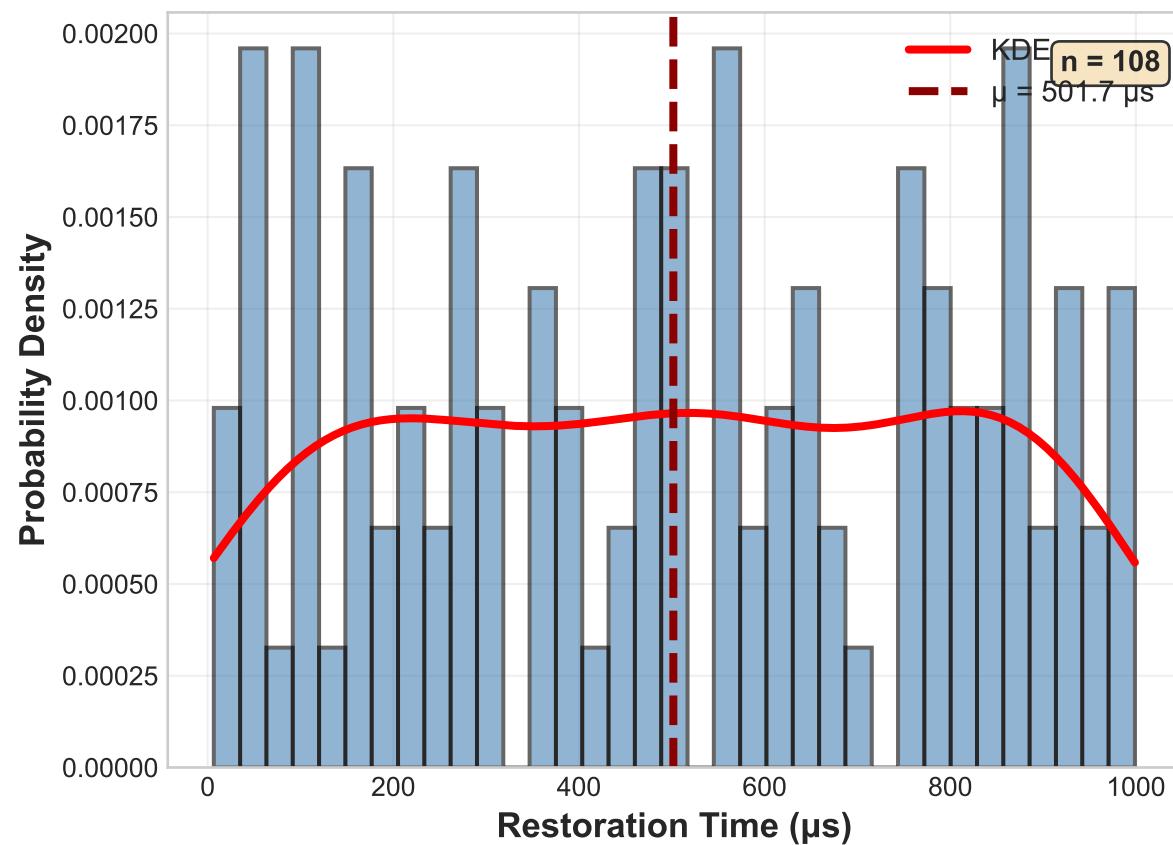


**A****B**

### Perception Rate Calculation

Perception Rate

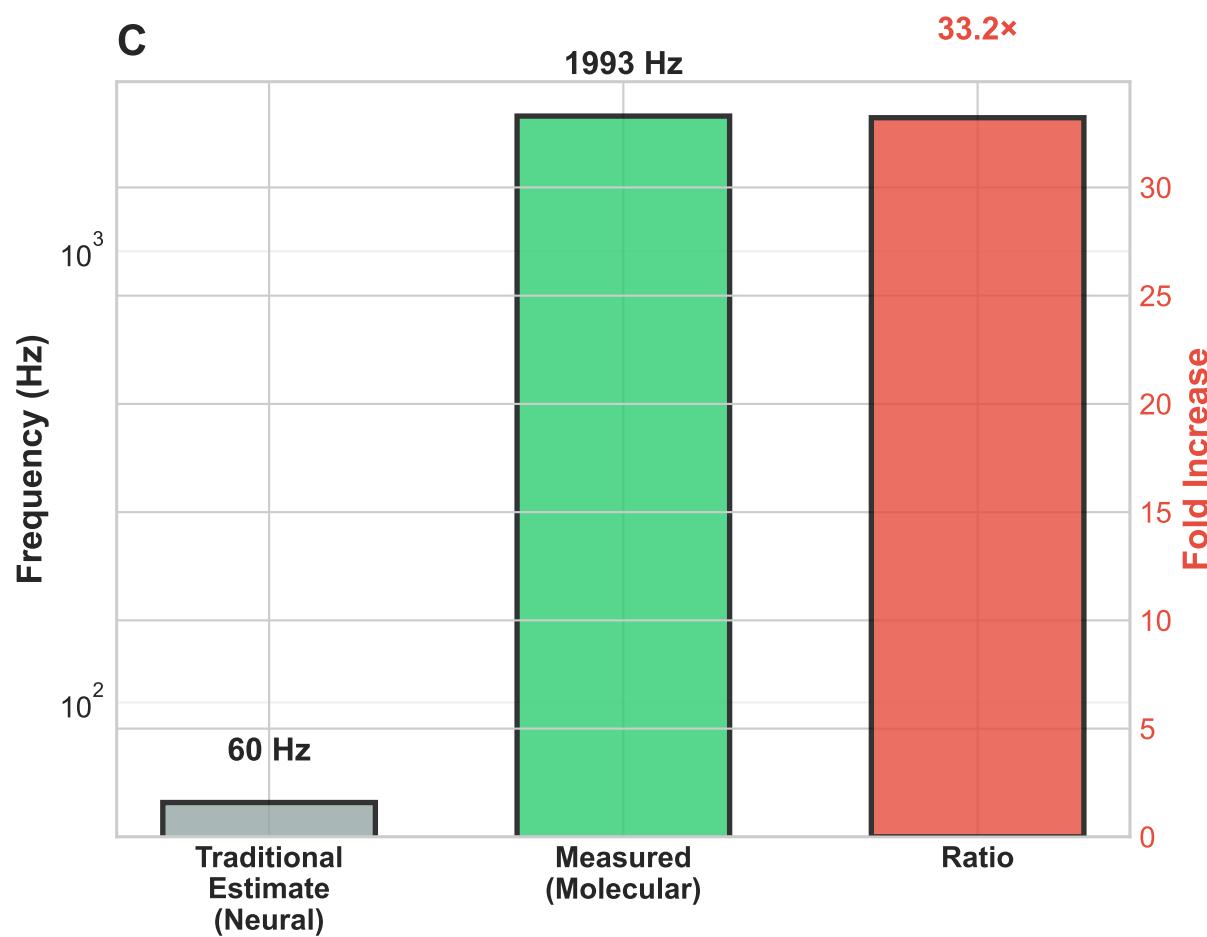
=

1

Restoration Time

$$= 1 / 501.7 \mu\text{s}$$

$$= 1993.2 \text{ Hz}$$

**C****D**

### Experimental Validation

Running requires:

Perception  Thought  Action

If desynchronized:

Perception ≠ Thought → Fall

Observed:

No falls during 400m run

Perception = Thought