Supplementary Figure 4: The odor-evoked increase in wingbeat frequency is similar in the fixed- and rotatable-tether apparatus.

(A) Odors produced a similar change in WBF in the fixed- and rotatable-tether conditions. Differences in response peak were not statistically significant (n=8 fixed-tether, 6 rotatable-tether, p>0.2, t-test). Values are ± SEM, averaged across flies. Odor is mango (undiluted), flow rate is 550 mL/min for both the fixed- and rotatable-tether setups.

(B) A comparison between the mean time course of WBF responses in the two setups. Each fly’s response was normalized to the same maximum before averaging across flies.

(C) Baseline WBF was similar in the two setups. Each point is a different fly, horizontal lines are averages across flies.