



Extended data Figure 2-3. Response recovery index.

A. *Left.* Schematic of recovery index for $+\Delta C_t$ responses. It is the ratio between change of response across two consecutive sniff cycles after the concentration step (LH3-LH4) to the difference between the ΔC_t response and the response on the matching static stimulus (LH3-H3). *Right.* Distribution of recovery indices (same as Fig. 2E)

B. *Left.* Schematic of recovery index for $-\Delta C_t$ responses: $(HL3-HL4) / (HL3-L3)$. *Right.* Distribution of recovery indices (same as Fig. 2F).