



1 = LA 1:10 50 mL/min, CO₂ 2% 50 mL/min; 2 = LA 1:10 50 mL/min, CO₂ 2% 300 mL/min; 3 = LA 1:10 50 mL/min, CO₂ 2% 1.2 mL/min; 4 = LA 1:10 50 mL/min, CO₂ 2% 2.4 mL/min; 5 = LA 1:10 150 mL/min, CO₂ 2% 50 mL/min; 6 = LA 1:10 150 mL/min, CO₂ 2% 300 mL/min; 7 = LA 1:10 150 mL/min, CO₂ 2% 1.2 mL/min; 8 = LA 1:10 150 mL/min, CO₂ 2% 2.4 mL/min; 9 = LA 1:10 450 mL/min, CO₂ 2% 50 mL/min; 10 = LA 1:10 450 mL/min, CO₂ 2% 300 mL/min; 11 = LA 1:10 450 mL/min, CO₂ 2% 1.2 mL/min; 12 = LA 1:10 450 mL/min, CO₂ 2% 2.4 mL/min; 13 = LA 1:100 50 mL/min, CO₂ 2% 50 mL/min; 14 = LA 1:100 50 mL/min, CO₂ 2% 300 mL/min; 15 = LA 1:100 50 mL/min, CO₂ 2% 1.2 mL/min; 16 = LA 1:100 150 mL/min, CO₂ 2% 50 mL/min; 17 = LA 1:100 150 mL/min, CO₂ 2% 300 mL/min; 18 = LA 1:100 150 mL/min, CO₂ 2% 1.2 mL/min; 19 = LA 1:100 450 mL/min, CO₂ 2% 50 mL/min; 20 = LA 1:100 450 mL/min, CO₂ 2% 300 mL/min; 21 = LA 1:100 450 mL/min, CO₂ 2% 1.2 mL/min; 22 = LA 1:100 450 mL/min, CO₂ 2% 2.4 mL/min

Figure 4 Upwind responses of *Anopheles stephensi* to blends of CO₂ and L-lactic acid (LA) in the olfactometer: * indicates significant difference ($P < 0.05$) compared with control trial