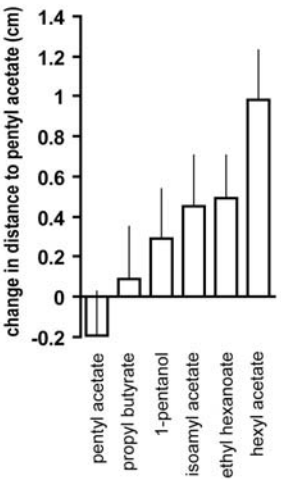
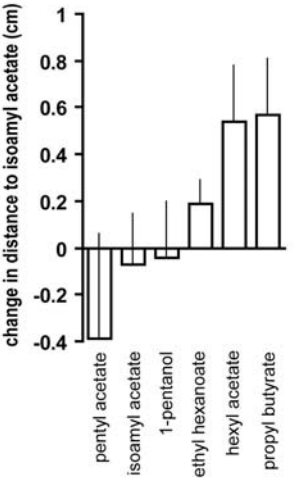
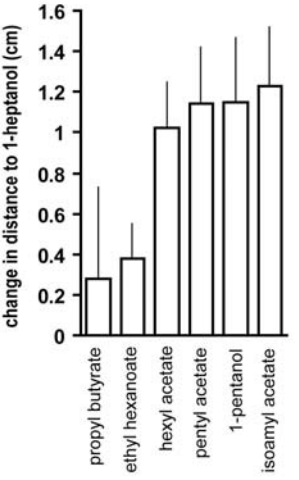
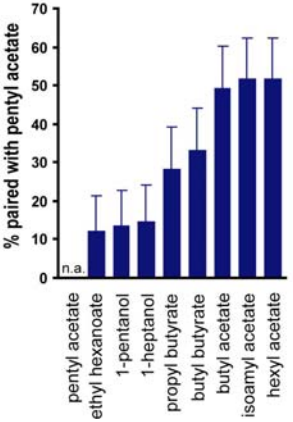
A

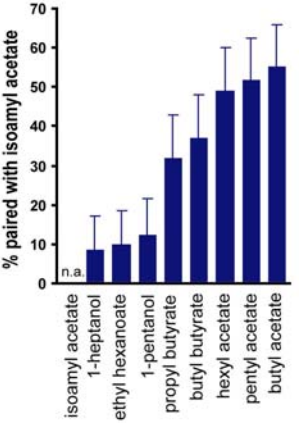

change in distance to pentyl acetate (cm)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
pentyl acetate
propyl butyrate
1-pentanol
isoamyl acetate
ethyl hexanoate
hexyl acetate

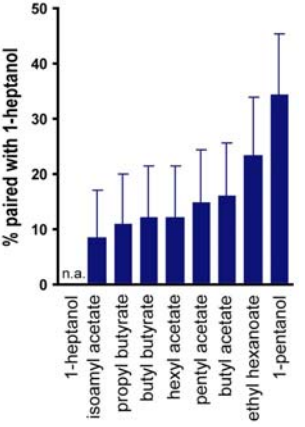

change in distance to isoamyl acetate (cm)
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
pentyl acetate
isoamyl acetate
1-pentanol
ethyl hexanoate
hexyl acetate
propyl butyrate


change in distance to 1-heptanol (cm)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
propyl butyrate
ethyl hexanoate
hexyl acetate
pentyl acetate
1-pentanol
isoamyl acetate

B


% paired with pentyl acetate
70
60
50
40
30
20
10
0
n.a.
pentyl acetate
ethyl hexanoate
1-pentanol
1-heptanol
propyl butyrate
butyl butyrate
butyl acetate
isoamyl acetate
hexyl acetate


% paired with isoamyl acetate
70
60
50
40
30
20
10
0
n.a.
isoamyl acetate
1-heptanol
ethyl hexanoate
1-pentanol
propyl butyrate
butyl butyrate
hexyl acetate
pentyl acetate
butyl acetate


% paired with 1-heptanol
50
40
30
20
10
0
n.a.
1-heptanol
isoamyl acetate
propyl butyrate
butyl butyrate
hexyl acetate
pentyl acetate
butyl acetate
ethyl hexanoate
1-pentanol