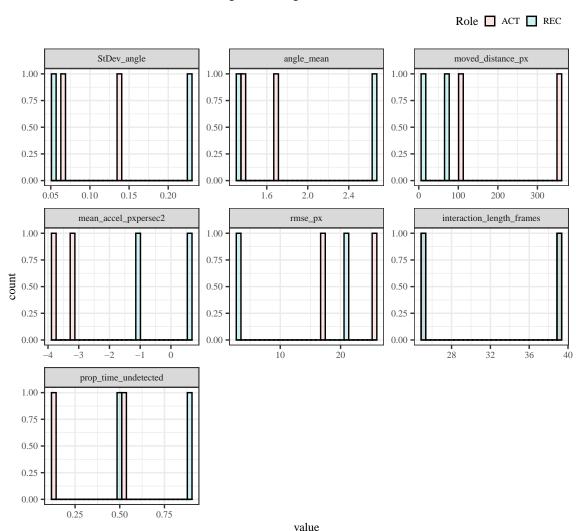
Histogram plot for movement variables calculated from coordinates for Actors and Receivers during Grooming

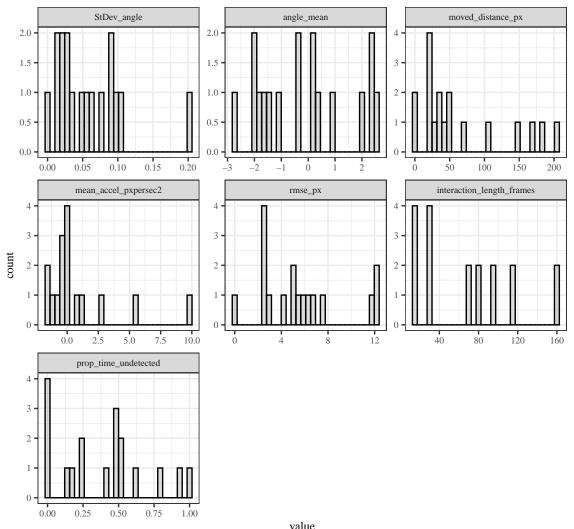


Density plot for movement variables calculated from coordinates for Actors and Receivers during Grooming

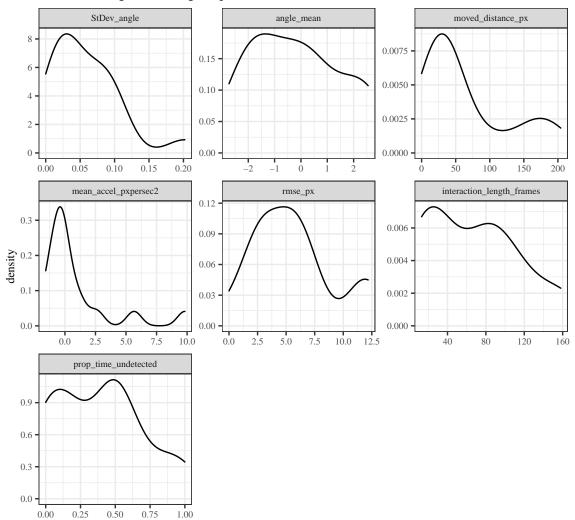
Role ACT REC StDev_angle angle_mean moved_distance_px 10.0 2.0 7.5 0.010 1.5 -5.0 1.0 -0.005 2.5 0.5 0.0 0.0 0.15 0.20 1.6 2.0 200 0.10 2.4 100 0.05 300 mean_accel_pxpersec2 interaction_length_frames rmse_px 0.05 0.08 0.04 0.9 0.06 density 0.03 0.6 0.04 0.02 -0.3 0.02 -0.01 0.0 0.00 0.00 -3 <u>-</u>2 -1 0 5 10 15 20 25 28 32 36 prop_time_undetected 1.5 1.0 0.5 0.0 0.50 0.75 0.25

value

Histogram for movement variables calculated from coordinates for interacting ants during Trophallaxis



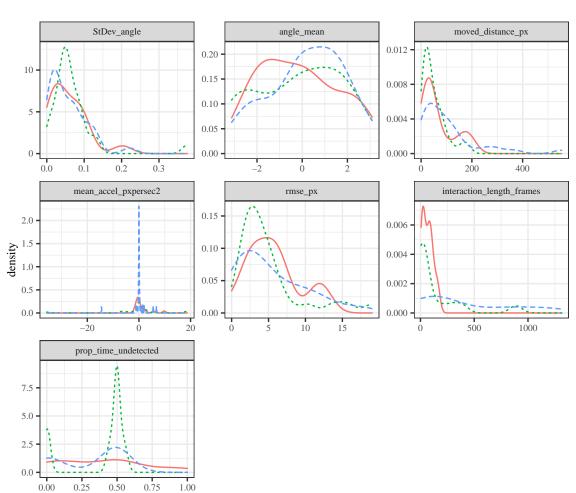
Density plot for movement variables calculated from coordinates for interacting ants during Trophallaxis



value

Density plot for movement variables calculated from coordinates for interacting ants during Trophallaxis and for non-interacting ants during Front Rest and

forcats::fct_inorder(BEH) T FR CR



value

Behaviour: T	,
interaction N:	2

Behaviour: T, interaction N: 3

Behaviour: T, interaction N: 4







Behaviour: T, interaction N: 6

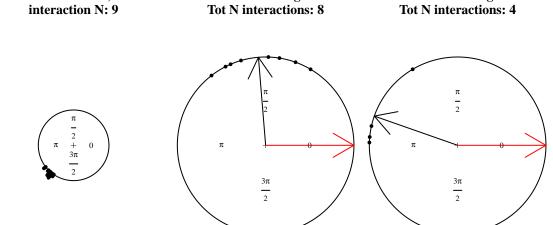
Behaviour: T, interaction N: 7

Behaviour: T, interaction N: 8









Mean interaction angle for CR

Mean interaction angle for FR

Mean interaction angle for T Tot N interactions: 7

Behaviour: T,

