Oviposition preference Residuals(oviposition preference) in Blackberry Residuals(oviposition preference) $\rho_{G1} = -0.65 [-0.9; -0.4]$ Residuals(oviposition preference) $\rho_{G1} = -0.003 [-0.3; 0.3]$ $\rho_{G1} = -0.76 [-1; -0.6]$ $\rho_{G3} = -0.64 [-0.9; -0.4]$ $\rho_{G3} = -0.5 [-0.8; -0.2]$ $\rho_{G3} = -0.35 [-0.6; -0.06]$ 1.0 in Strawberry in Cherry 0.5 0.5 -0.5-0.50.5 Residuals(oviposition preference) Residuals(oviposition preference) Residuals(oviposition preference) in Strawberry in Blackberry in Cherry **Oviposition stimulation** Residuals(oviposition stimulation) Residuals(oviposition stimulation) Residuals(oviposition stimulation) 1.5 0 0.5 Fly populations from: 0 Cherry 1.0 0 0 in Blackberry in Strawberry Strawberry in Cherry Blackberry 0.5 00 Generation 0.0 0 **O** G0 0 O G2 -0.5 $\rho_{G1} = -0.16 [-0.5; 0.1]$ $\rho_{G1} = -0.71 [-0.9; -0.5]$ $\rho_{G1} = -0.55 [-0.8; -0.3]$ $\rho_{G3} = -0.59 [-0.8; -0.3]$ $|\rho_{G3} = -0.32 [-0.6; -0.03]$ $\rho_{G3} = -0.57 [-0.8; -0.3]$ -0.5 0.5 1.0 -0.50.0 Residuals(oviposition stimulation) Residuals(oviposition stimulation) Residuals(oviposition stimulation) in Strawberry in Cherry in Blackberry **Emergence rate** Residuals(egg-to-adult viability) in Blackberry $\rho_{G1} = -0.56 [-0.8; -0.3]$ Residuals(egg-to-adult viability) Residuals(egg-to-adult viability) 0 0 $\rho_{G3} = -0.48 [-0.8; -0.2]$ $\rho_{G1} = -0.66 \left[-0.9 \right] -0.4$ 0.2 0.50 $\rho_{G3} = -0.58 [+0.8; -0.3]$ $\rho_{G1} = -0.29 [-0.6; 0.01]$ in Strawberry =-0.4[-0.7;-0.1]in Cherry 0.25 0 -0.2 0 -0.4-0.250 0 0 -0.50.25 -0.20.0 0.00 Residuals(egg-to-adult viability) Residuals(egg-to-adult viability) Residuals(egg-to-adult viability) in Cherry in Strawberry in Blackberry