## **Oviposition preference** Residuals(oviposition preference) in Blackberry Residuals(oviposition preference) $\rho_{G0} = -0.003 \, [\, \pm 0.3 \, ; \, 0.3 \, ]$ $\rho_{G0} = -0.65 [-0.9; -0.4]$ Residuals(oviposition preference) $\rho_{G0} = -0.76 [-1; -0.6]$ $\rho_{G2} = -0.5 [-0.8; -0.2]$ $\rho_{G2} = -0.64 [-0.9; -0.4]$ $\rho_{G2} = -0.35 [-0.6; -0.06]$ 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) in Blackberry Residuals(oviposition stimulation) Residuals(oviposition stimulation) 1.2 $\rho_{G0} = -0.032 [-0.3; 0.3]$ $\rho_{G2} = -0.57 [-0.8; -0.3]$ $\rho_{G2} = -0.59 [-0.8; -0.3]$ $\rho_{G2} = -0.32 [-0.6; -0.03]$ Fly populations from: $\rho_{G0} = -0.57 [-0.8; -0.3]$ $\rho_{G0} = -0.8 [-1; -0.6]$ 0.5 Cherry Strawberry Strawberry in Cherry Blackberry Generation **O** G0 0 0.0 -0.50 -0.5G2 0 0 0 0.8 -0.5-0.50.5 0.5 0.4 0.0 Residuals(oviposition stimulation) Residuals(oviposition stimulation) Residuals(oviposition stimulation) in Cherry in Strawberry in Blackberry Egg-to-adult survival Residuals(egg-to-adult survival) in Blackberry Residuals(egg-to-adult survival) $\rho_{G0} = -0.29 [-0.6; 0.01]$ Residuals(egg-to-adult survival) 0 $\rho_{G0} = -0.54 [-0.8; -0.3]$ $\rho_{G2} = -0.35 [-0.6; -0.06]$ $\rho_{G0} = -0.69 [-0.9; -0.4]$ $\rho_{G2} = -0.49 [-0.8; -0.2]$ 0.50 $\rho_{G2} = -0.62 [-0.9; -0.4]$ 0.2 0 in Strawberry in Cherry 0.25 0.0 0 -0.2 0 -0.25-0.40 0 0.25 0.0 Residuals(egg-to-adult viability) Residuals(egg-to-adult viability) Residuals(egg-to-adult viability) in Cherry in Strawberry in Blackberry