## **Oviposition preference** Residuals(oviposition preference) in Blackberry $\mu_{G0} = -0.003 \, [\, -0.3 \, , \, 0.3 \, ]$ Residuals(oviposition preference) Residuals(oviposition preference) $\rho_{G0} = -0.65 [-0.9; -0.4]$ $\rho_{G2} = -0.5 [-0.8; -0.2]$ $\rho_{G2} = -0.64 [-0.9; -0.4]$ 1.0 in Strawberry in Cherry 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) $\rho_{G0} = -0.57 [-0.8; -0.3]$ $O_{p_{G0}} = -0.8[-1;-0.6]$ $\rho_{G0} = -0.032 [-0.3; 0.3]$ $\rho_{G2} = -0.32 [ -0.6 ; -0.03 ]$ Generation $\rho_{G2} = -0.57 [-0.8; -0.3]$ $\rho_{G2} = -0.59 [-0.8; -0.3]$ 0.5 O G0/G1 in Strawberry G2/G3 in Cherry Fly populations from: Cherry Strawberry -0.50 Blackberry 0.8 -0.50.0 -0.50.5 0.4 0.5 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) Residuals(egg-to-adult survival) $\rho_{G1} = -0.29 [ -0.6 ; 0.01 ]$ 0 $Q_{G1} = -0.69[-0.9; -0.4]$ $\rho_{G3} = -0.49 [-0.8; -0.2]$ $\rho_{G3} = -0.35 [-0.6; -0.06]$ 0.50 0.2 $\rho_{G3} = -0.62 [-0.9; -0.4]$ 0 in Strawberry in Cherry 0.25 0.0 0 -0.2 0 -0.25-0.40 0.0 0.25 Residuals(egg-to-adult survival) Residuals(egg-to-adult survival) Residuals(egg-to-adult survival) in Cherry in Strawberry in Blackberry