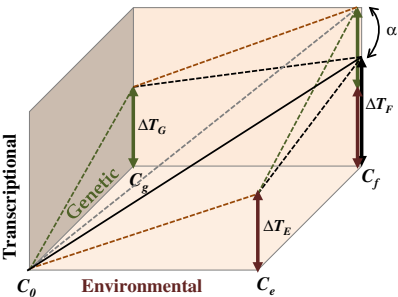


A

$$\Delta T_F = \Delta T_E + \Delta T_G \quad (\alpha = 0, \text{additivity})$$

$$\Delta T_F > \Delta T_E + \Delta T_G \quad (\alpha > 0, \text{positive epistasis})$$

$$\Delta T_F < \Delta T_E + \Delta T_G \quad (\alpha < 0, \text{negative epistasis})$$

C_0 , MG1655

C_e , MG1655_heatshock

C_g , MDS42

C_f , MDS42_heatshock

B