

Supplementary Figure 1: Mathematical model for data analysis

$$x_e^0 \sim \mathcal{N}(m_e^0, s_e^{0^2})$$

$$x_e^1 \sim \mathcal{N}(m_e^1, s_e^{1^2})$$

$$x_c^0 \sim \mathcal{N}(m_c^0, s_c^{0^2})$$

$$x_c^1 \sim \mathcal{N}(m_c^1, s_c^{1^2})$$