

# Environmentally Transmitted Pathogens

ODE models

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# The Kermack-McKendrick model

This model is typically called the Kermack-McKendrick (KMK) SIR model

$$S' = -\beta SI \quad (1a)$$

$$I' = \beta SI - \gamma I \quad (1b)$$

$$R' = \gamma I \quad (1c)$$

