

1106-34-2073

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A SIRE model will be used to evaluate the effectiveness of educational campaign on the HIV epidemic. Changed behavior as a result of the campaign will create a new SIRE model based on this campaign and divide those susceptible into four subgroups. These four susceptible classes will have different infection rates due to their differing beliefs on sexual conducts. The model is a system of ordinary differential equations and it is simulated numerically. Real world data will be compared with simulated results. (Received September 15, 2014)