

Supplementary files for “Deterministic epidemic models on contact networks: correlations and unbiological terms”

NOTES

This code was developed in: MATLAB Version 7.8.0.347 (R2009a).

The command `randsample` in “`runme.m`” requires the matlab statistics toolbox but can be replaced with any method for generating initial infected sites.

This code has not undergone extensive testing for numerical stability

SUPPLEMENTARY FILES:

`runme.m` is a wrapper to call the other programs with example input parameters

`make_random_network.m` constructs an example sparse directed random transmission network

`individual_based_model.m` solves the individual-based model

`pair_based_model.m` solves the pair-based model

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