Reasult of model for network with 70 nodes unawere probability 0.0 and recover probability 0.0 Probability of being aware Derivation of being aware - 0.100 0.97 0.97 0.97 0.97 0.97 0 0 0 0 0 0 0 0 - 1.050 - 0.075 0.97 0 0 0 0.97 0 0 - 1.025 0.97 0.97 0.97 0.97 0 0.97 0.97 0.97 0 0 0 0 0 0 0.050 0.97 0.97 0.97 0.97 0.97 0.97 0 0 0 0 0 0 0.97 0.97 0.97 0 - 1.000 0.025 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0 0 0 0 0 0 0 0 0 o. - 0.975 0.97 0.97 0 0.97 0.97 0.97 0.97 0 0 0 0 0 0 0 0.000 o. 9 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0 0 0 0 0 0 - 0.950 -0.0250.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0 0 0 - 0.925 -0.0500.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0 0 0 0 0 0 0 0 0.97 0.97 0.97 0.97 0 0 - 0.900 0 0 0 0 0 0 0 -0.0750.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0 0 0 0 0 0 0 0 0 - 0.875 -0.1000.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.2 0.3 0.4 0.5 0.6 0.7 8.0 0.9 1.0 1.0 0.0 0.1 beta beta Average of aware prob by lambda Average of derivation of being aware by lambda 0 0 0.97 0.97 0.97 0.97 0.97 0 0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 8.0 0.9 1.0 beta beta Probability of being infected Derivation of being infected 0.60 0.24 0.27 0.27 0.31 0.48 0.61 0.5 0.0 0.4 0 0.3 0 0.4 1.7 0 -1.1 0.24 - 2 0.36 0.48 0.4 0.38 0.44 0.1 -0.1 0.9 1.2 -0.8 -0.2 0.6 0.28 0.27 0.4 0 0 0.4 0.24 - 0.55 -2.2 2.4 0.28 0.3 0.36 0.48 0.53 0.31 0.55 0.2 0.4 0 0.4 0.2 0.6 1.2 0.5 0.24 0.24 0.24 0 0.50 0.3 0.3 0.53 0.48 0.5 -0.5 0.2 0.24 0.24 0.24 0.28 0.48 0.5 0.4 0 0 0.4 0.2 0 1.8 - 0.45 0.3 0.4 0.44 0.55 0.2 0 0.4 1.1 0.24 0.24 0.28 0.3 0.4 0 0.4 0 0 lambda 0.50, 0.56 -0.4 0.24 0.24 0.28 0.3 0.3 0.4 0.4 0.52 0 0.4 0.2 0 0 1.6 0.24 0.4 0 - 0.40 0.2 0.24 0.28 0.3 0.3 0.4 0.56 0.55 0 0 0 1.6 -0.10.24 0.4 9 0.4 - 0.35 o. 0.24 0.24 0.28 0.3 0.36 0.4 0.56 0.55 0 0.4 0.2 0.6 0.4 0 1.6 -0.10.24 0.4 0.7 0.4 -1- 0.30 0.3 0.3 0.44 0.57 0.2 0 0.24 0.24 0.24 0.28 0.4 0.4 0 0.4 0.4 0.5 -0.1 0.24 0.28 0.3 0.36 0.41 0.4 0.47 0.57 0 0.4 0.2 0.6 0.7 0.24 0.24 0.4 - 0.25 Ö. 0.3 0.2 -0.7 0.24 0.24 0.24 0.28 0.3 0.4 0.33 0.44 0.57 0.4 0 0.4 0 0 - 0.20 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 8.0 0.9 1.0 beta beta Average of derivation of being infected by lambda Average of being infected prob by lambda 1.1 -0.055 0.43 0.42 0.48 0.53 0.4 0 0 0.39 0.15 0.28 0.53 0.56 0.24 0.24 0.28 0.29 0.32 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 8.0 0.9 1.0 beta beta

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