

## Discussion of a Scientific Paper

"Bubonic plague: a metapopulation model of a zoonosis"

by M.J. Keeling and C.A. Gilligan

E<sup>2</sup>M<sup>2</sup> is intended to help you become accustomed to the themes and methods common to quantitative ecology and epidemiology. To meet this aim, in part with our workshop, we will be discussing the attached scientific paper, "Bubonic plague: a metapopulation model of a zoonosis" by M.J. Keeling and C.A. Gilligan. Please read the paper thoroughly and try your hardest to take notes responding to the questions listed below. We do not expect you to understand this article 100%. However, to facilitate a productive discussion, we ask that you do your best and come prepared to be active and participatory on 27 November.

To help you prepare, try to answer the next few questions after reading:

- What are the context and key points of the paper?
- Identify the problem that inspired the authors to write the article.
- Do you agree with the methods, the results, and the discussion?
- What do you like and what do you dislike about the paper?
- What did you not understand?
- What have you learned from the paper?
- And come up with three questions of your own.