

Outline

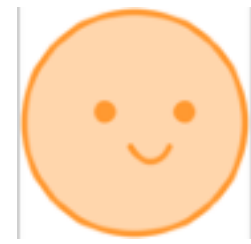
1. The model and its mathematical description
2. Some applications
 - (a) Mesoscopic localization
 - (b) Heterogeneous transmission settings
 - (c) Context-sensitive behavior**

Context-sensitive behavior

Two types of individuals

▷ **Active:** try to reduce transmission risk (e.g. prophylactic measures)

▷ **Passive:** do not bother



Groups are assembled randomly with a prescribed level of homophily

