We aim to evaluate how the spatial pattern of crossing are determined by landscape changes/traits?. Relative contribution of configuration and habitat amount considering interactions with matrix permeability and perceptual range. What is the fragmentation level that changes the spatial pattern? And what is habitat amount?

Abstract

Context

Objectives

Methods

Results

Conclusions

Introduction

Conversão de habitat

Roads as barriers to movement / where to implement mitigation for connectivity

Methods

Model

Overview

Our model simulates individuals moving in a matrix landscape with habitat patches containing a road.

Landscape simulation

Individuals’ movement

Model output

O que é gravado a cada run

Data analysis

Results

Figure fixed scenarios

Figure random landscape