



120

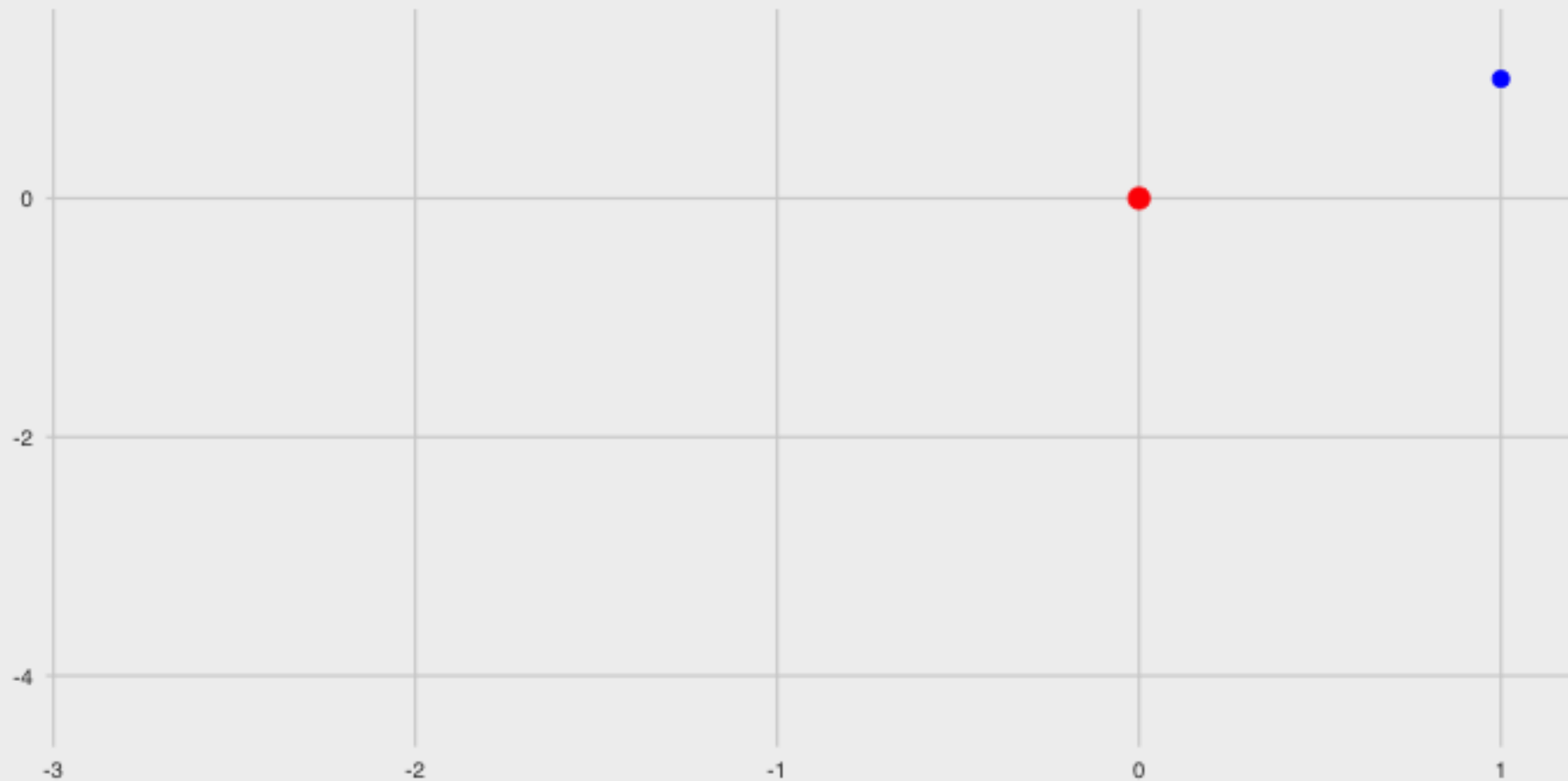
# Modeling Animal Movement With Stochastic Differential Equations

Liz Eisenhauer

December 3, 2018

## Simulated animal movement up to time 1

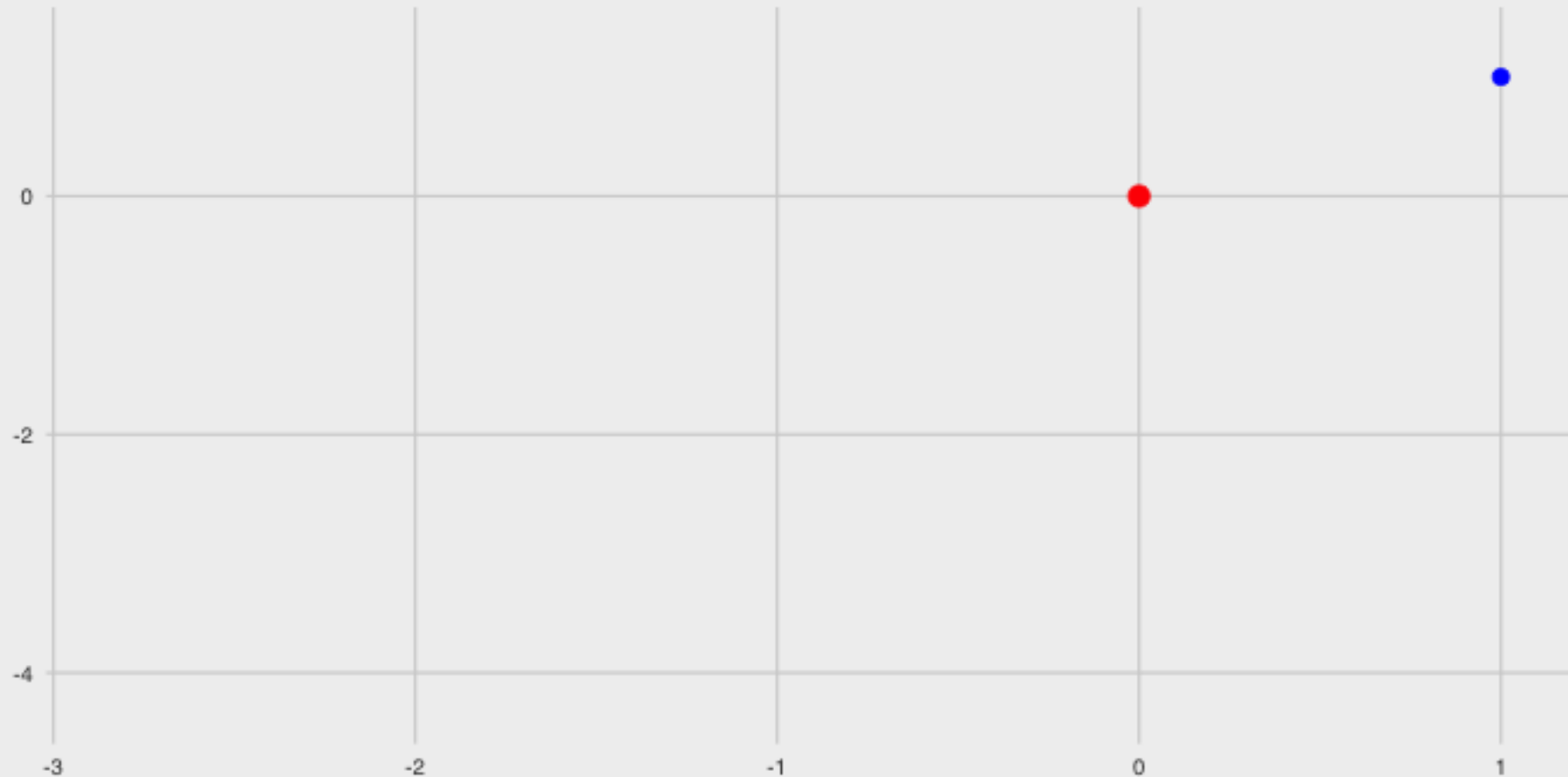
(One individual with single attraction point in red )





## Simulated animal movement up to time 1

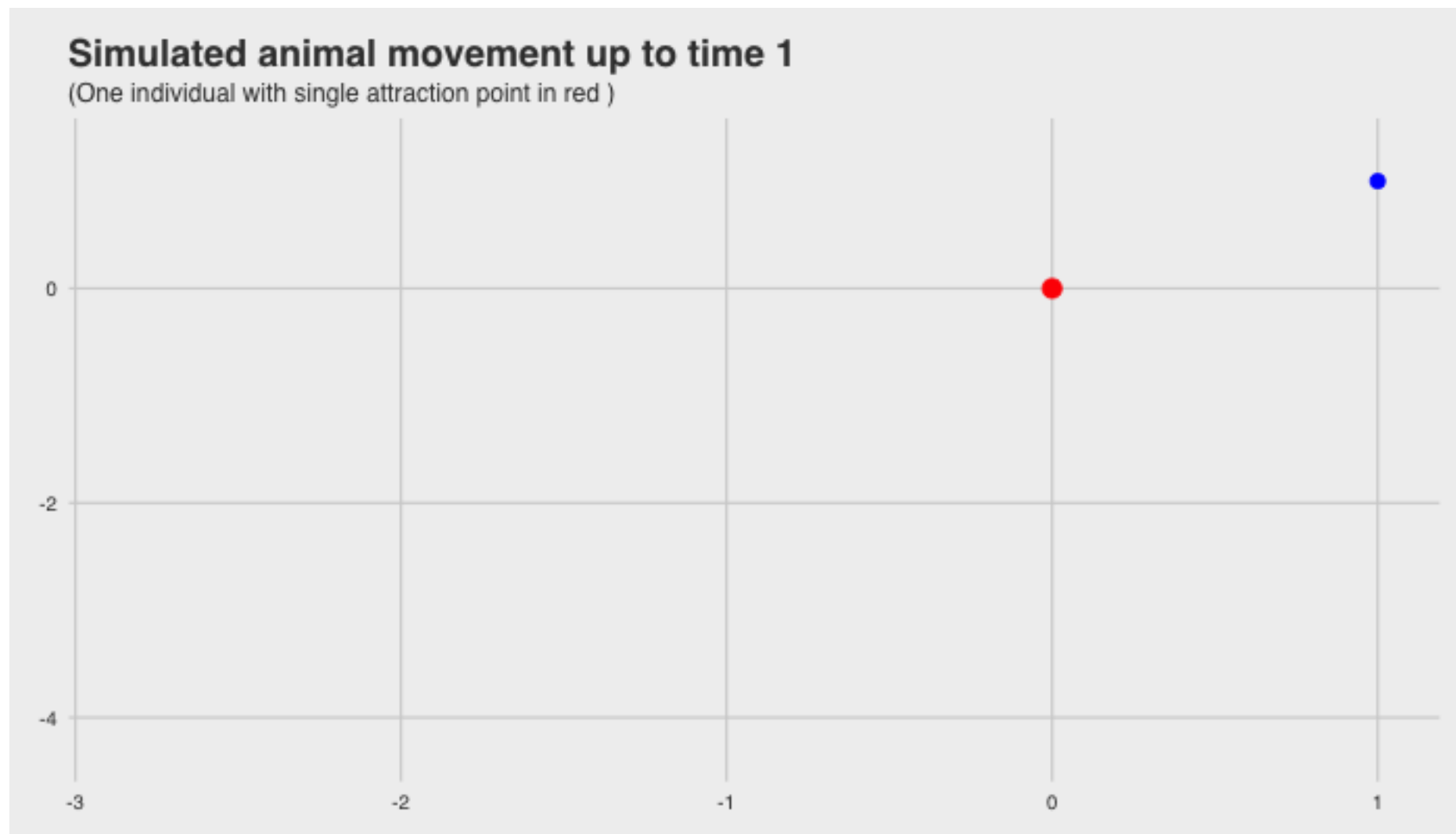
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How can we **characterize animal movement**  
with stochastic differential equations?