Strengths

Using few variables

Model 1 described the dynamic relationship between ecosystem and dragon, and we used few variables to complete the model. Model 2 used fewer coefficient than model 1 to describe the relationship.

Build solid connection between ecosystem and dragon’s energy consumption

By setting reasonable hypothesis and variables, we discovered the responsibly relationship between dragon’s energy consumption and ecosystem. We can predict dragons’ weight by some measurable statistics. It is a workable methodology investigate ecosystem’s internal interactions.

Weakness:

Equations’ coefficient about dragon’s behavior is not accurate

For example, our creeping equation comes from articles studying creeper. Authors generated coefficient using creepers’ data by least square method. Similar situations happened during building all the metabolic models. Existing theories are unable to solve these problems.

Data about biomass is hard to track

Data about biomass is scattering. It is hard to track real data in limited time, which affect the credibility of our simulating result.