Assignment 2 Bio 381

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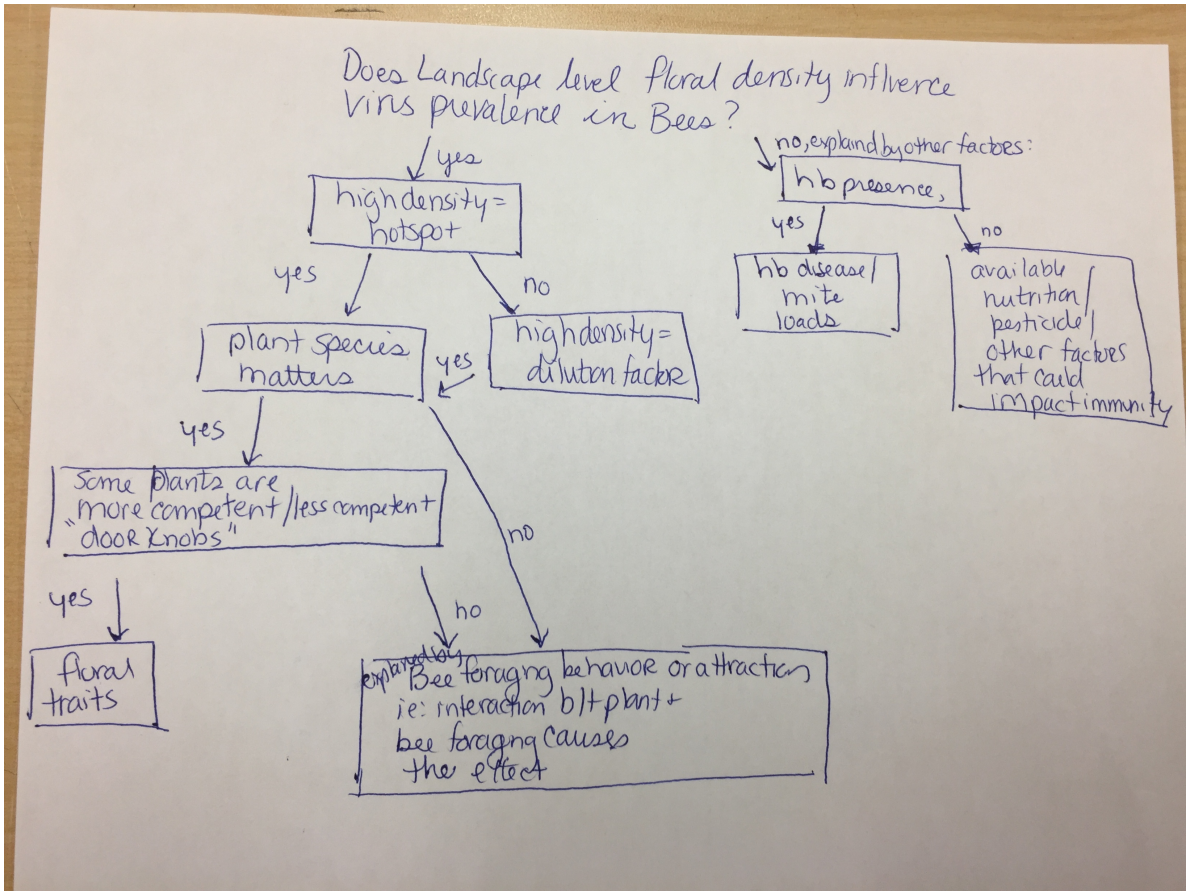
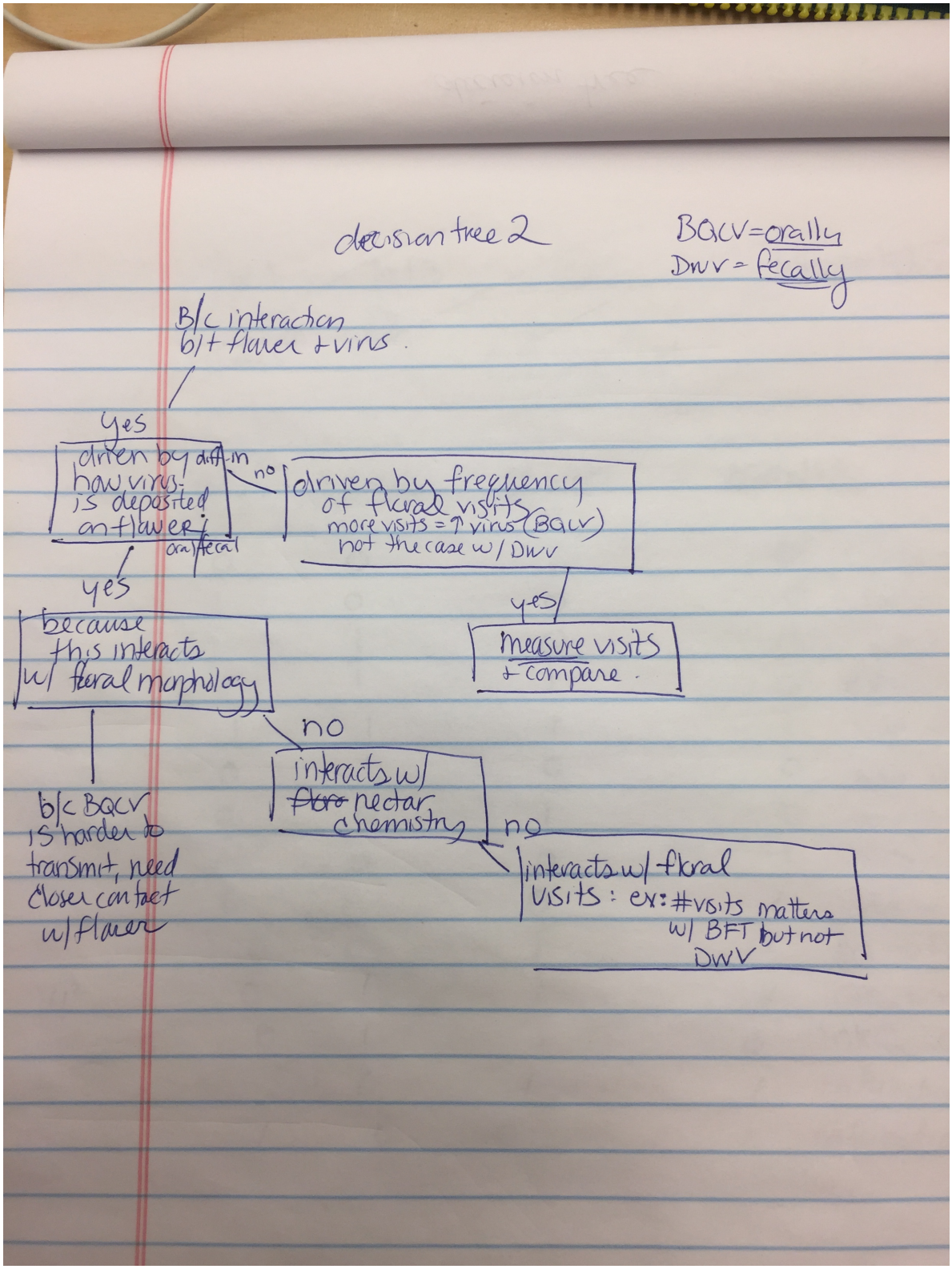
1/25/2017

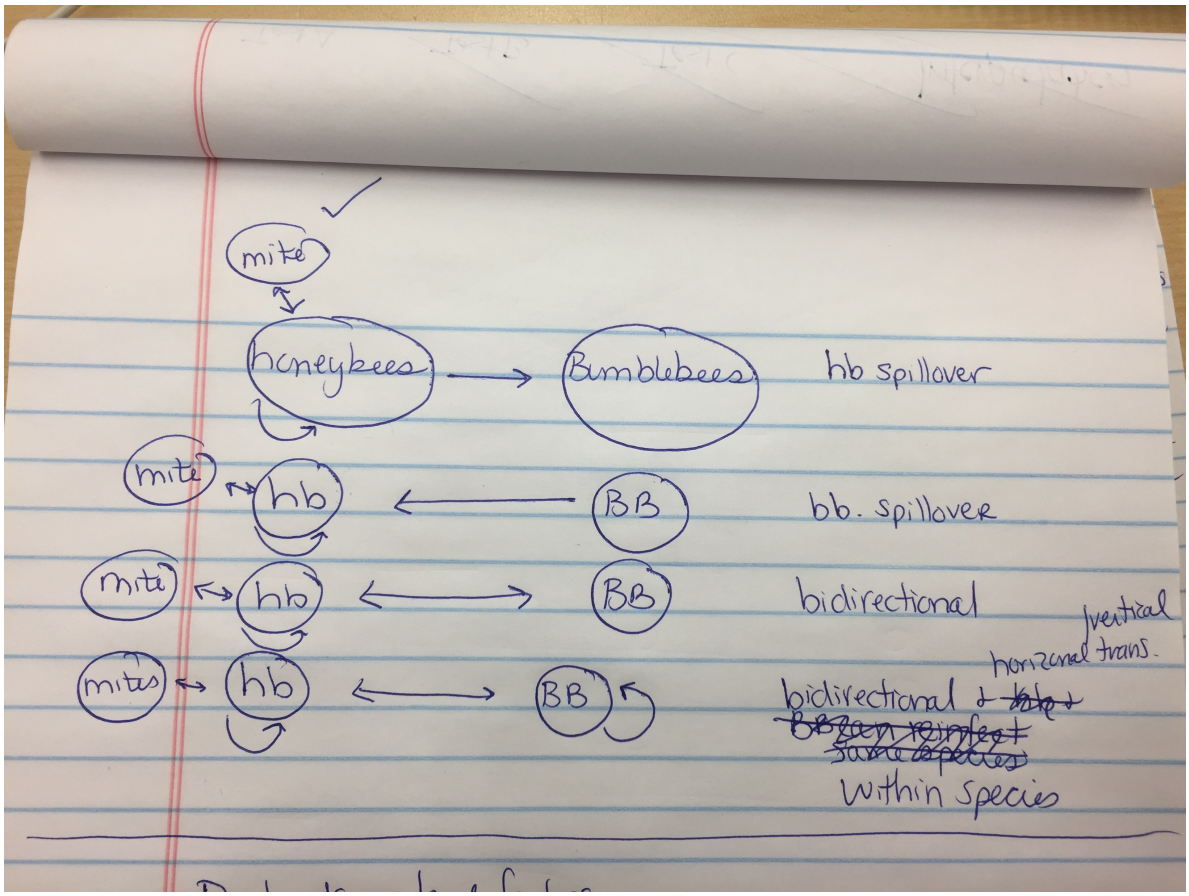
Thinking on Paper. . .

- 

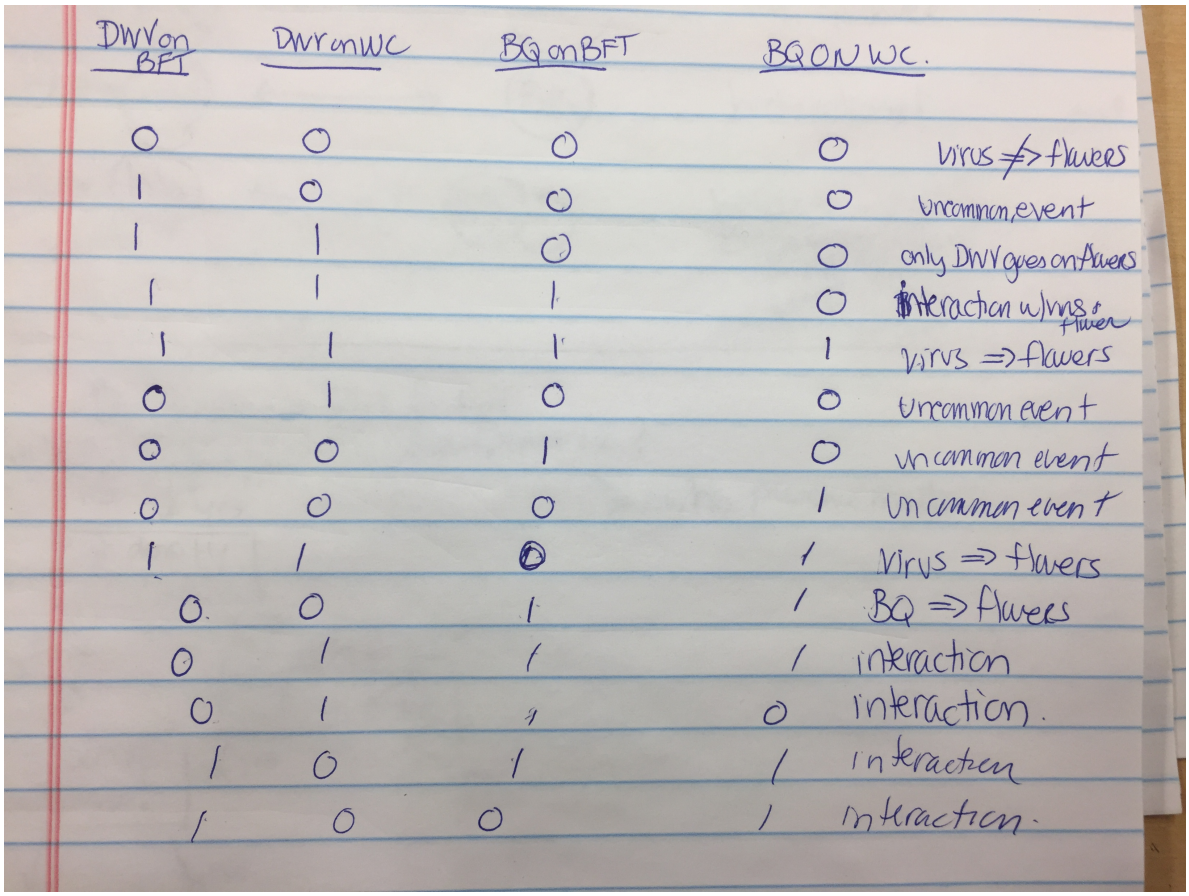
Decision Tree # 1: Exploring how floral density on the landscape level influences prevalence of virus in bumble bees.

- 

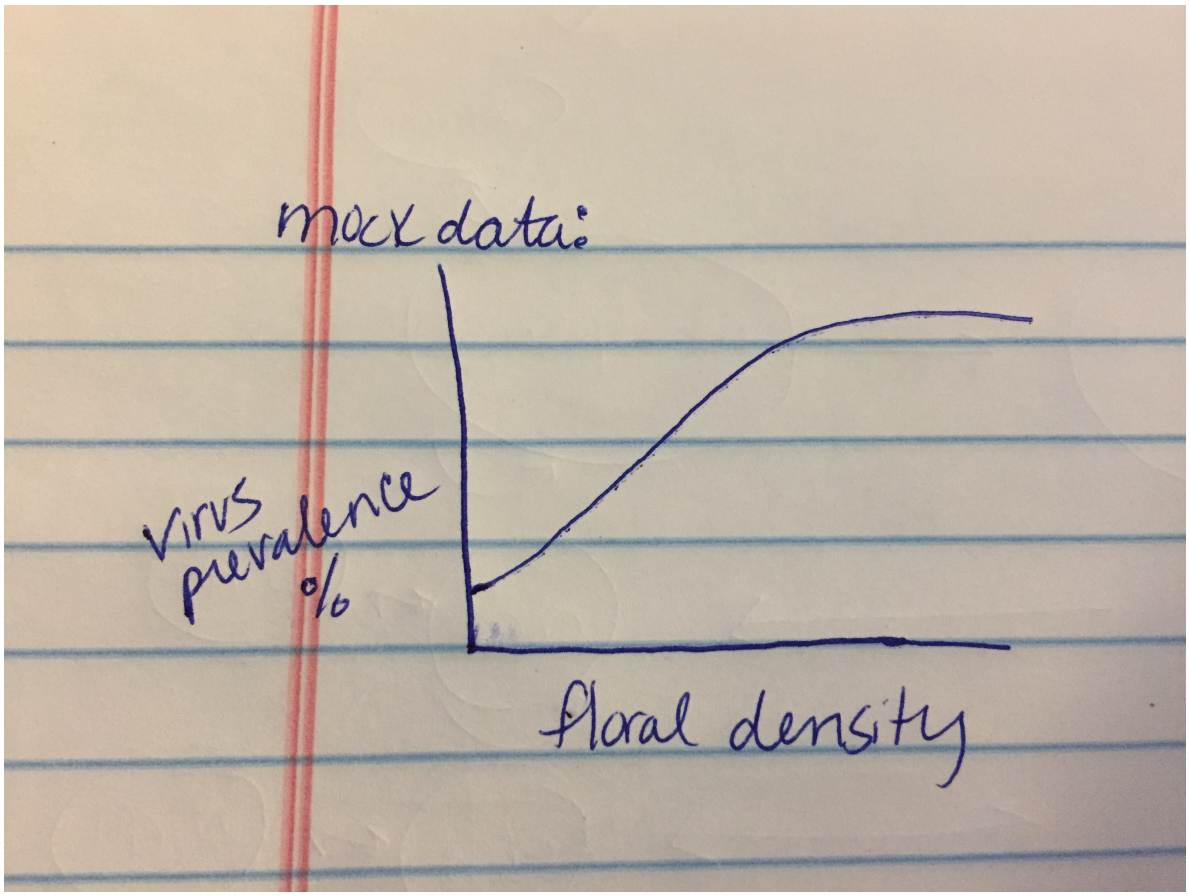
Decision Tree #2: Exploring possible explanations for why viruses and plant species are interacting.

- 

Path Diagram: Exploring possible transmission routes and spillover between bumble bees, honey bees, and *Varroa* mites.

- 

Dip Switch Diagram: Providing an explanation for the possible results for viral detection on flowers: (2 viruses, 2 plant species).

- 

Mock Data: Relationship between viral prevalence (%) in bumble bees and floral density. I predict virus prevalence to be positively correlated with floral density.