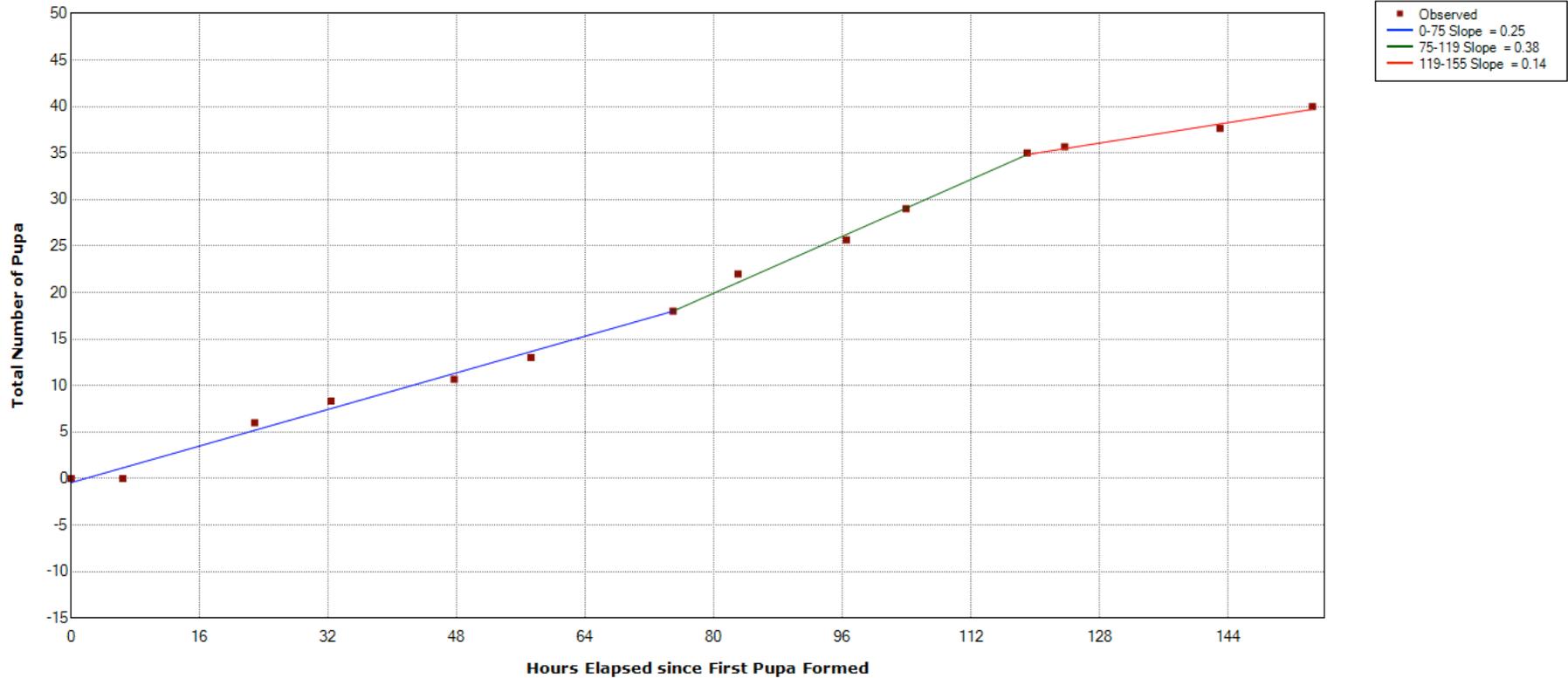
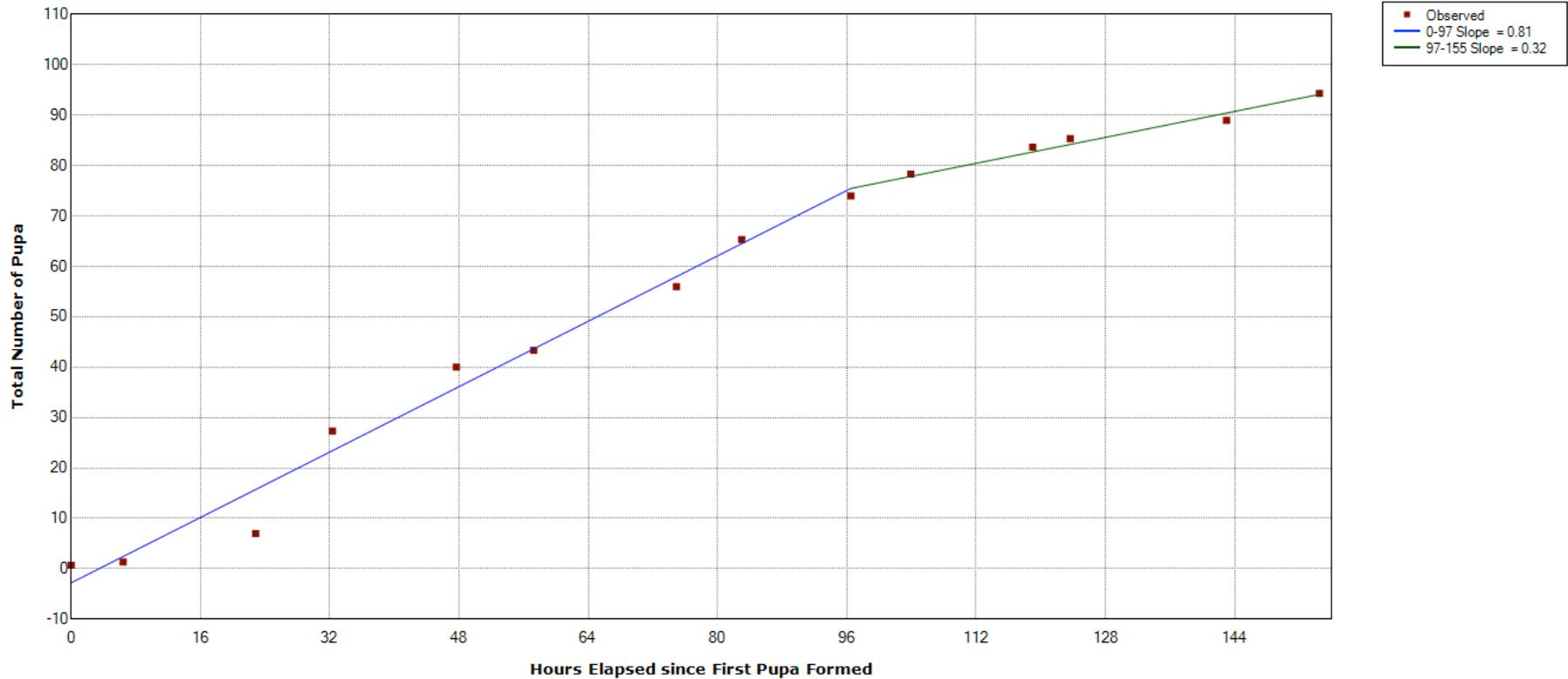


Pupa Formation in Small Vials with 2 Initial Adults : All : 2 Joinpoints



- Module: “Population Dynamics and Initial Population Size”
- Data: Tracks pupation over a time period within a population founded with two initial adults in a small vial
- Comparison: “Pupa Formation in Small Vials with 4 Initial Adults”
- Conclusion: Larger founding populations allow a population to grow larger and at a higher rate
- Software used: Excel (available for Mac and PC) and Joinpoint (available for PC for free)

Pupa Formation in Small Vials with 4 Initial Adults : All : 1 Joinpoint



Modules: “Population Dynamics and Initial Population Size” & “Population Dynamics and Space Availability”

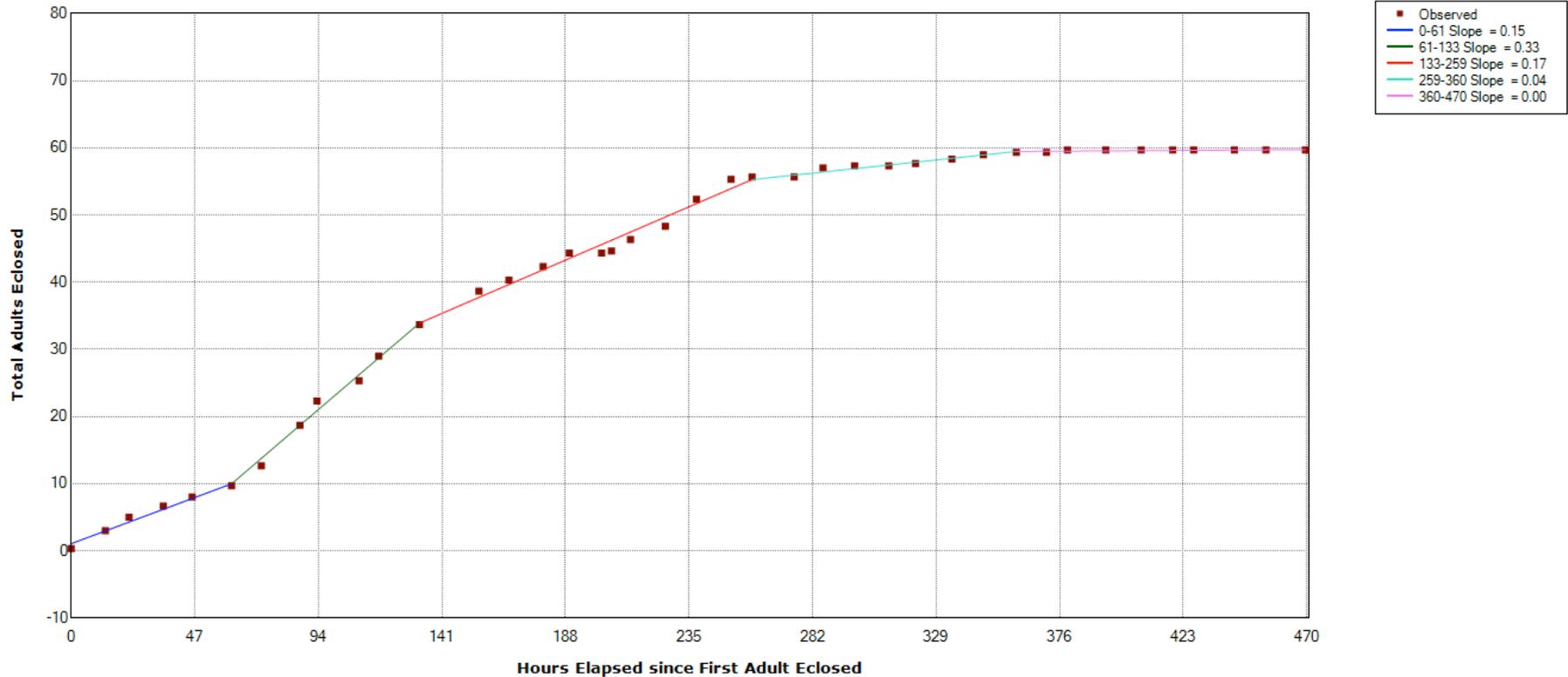
Data: Tracks pupation over a time period within a population founded with four initial adults in a small vial

Comparisons: “Pupa Formation in Small Vials with 2 Initial Adults” & “Pupa Formation in Large Vials with 4 Initial Adults”

Conclusion: Larger founding populations and increased space allow similar founding populations to grow larger and at a higher rate

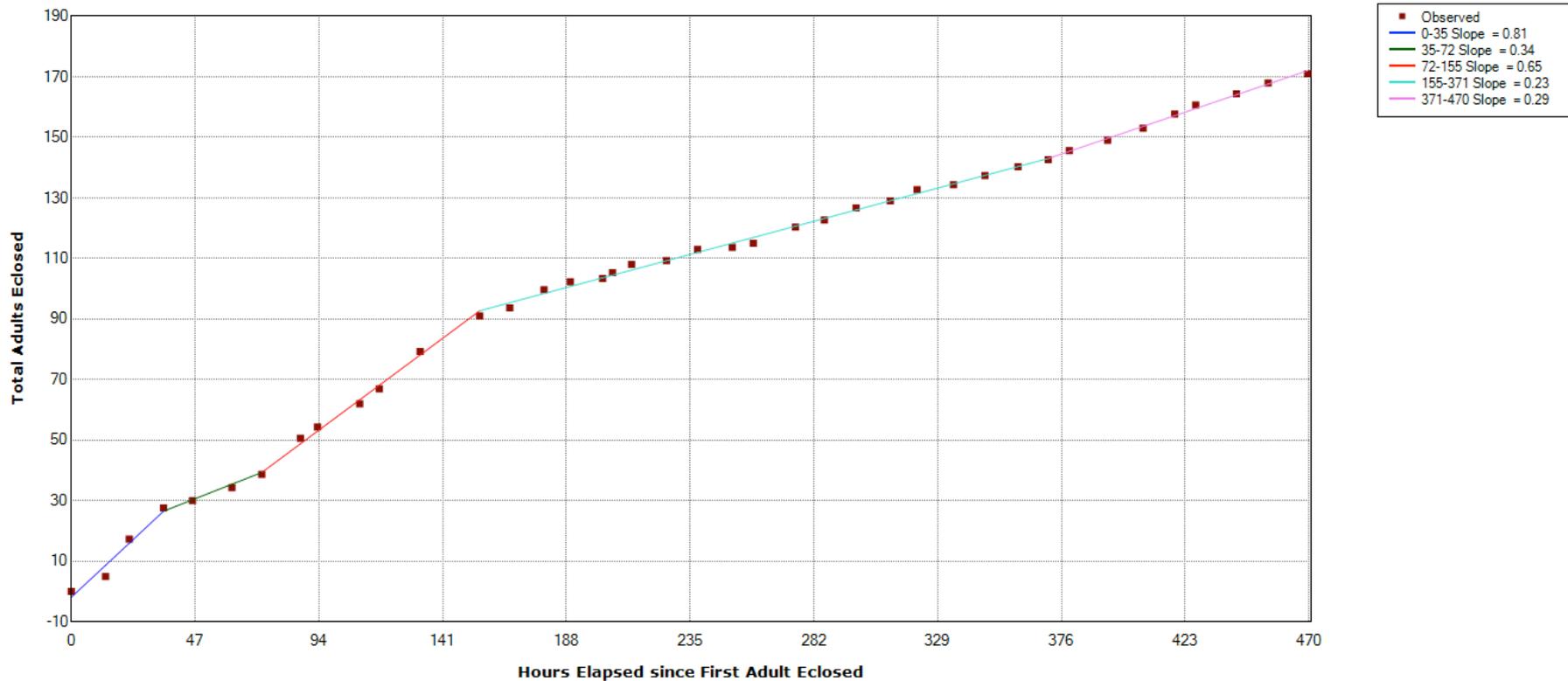
Software used: Excel (available for Mac and PC) and Joinpoint (available for PC for free)

Adult Eclosion in Small Vials with 2 Initial Adults : All : 4 Joinpoints



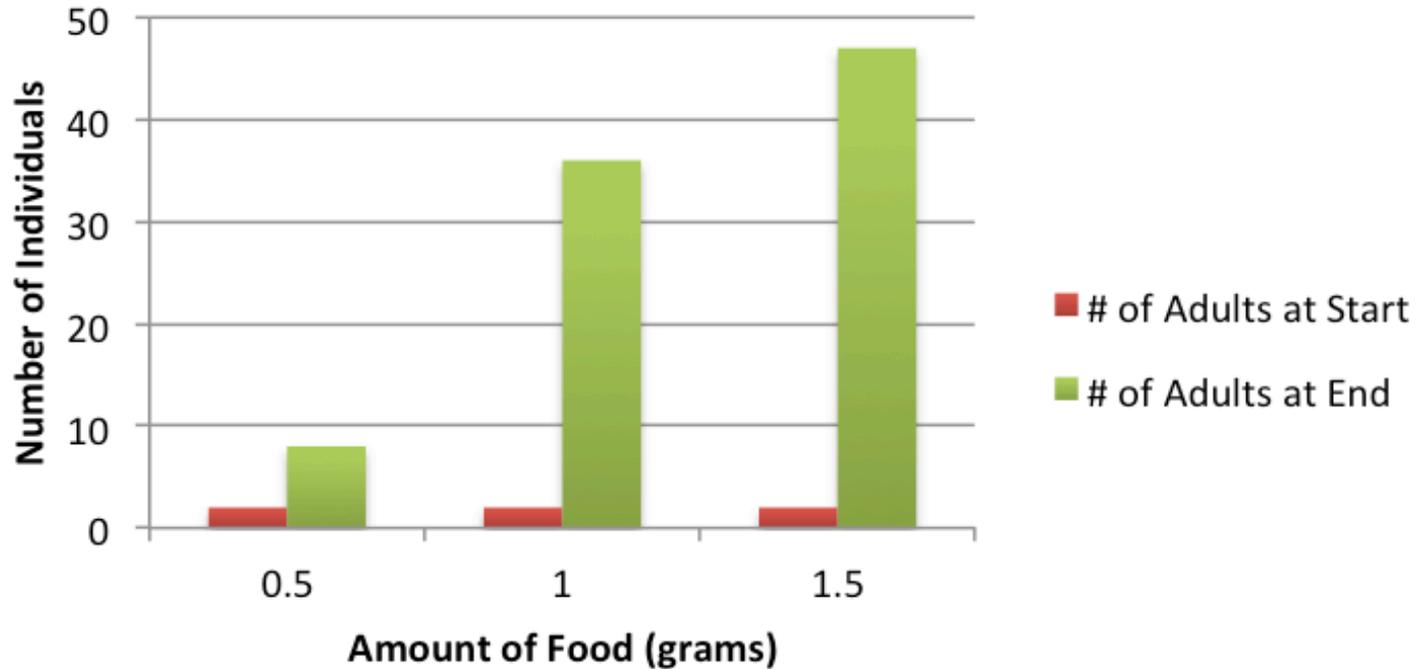
- Module: “Population Dynamics and Initial Population Size”
- Data: Tracks eclosion over a time period within a population founded with two initial adults
- Comparison: “Adult Eclosion in Small Vials with 4 Initial Adults”
- Conclusion: Larger founding populations allow a population to grow larger and at a higher rate
- Software used: Excel (available for Mac and PC) and Joinpoint (available for PC for free)

Adult Eclosion in Small Vials with 4 Initial Adults : All : 4 Joinpoints



- Module: “Population Dynamics and Initial Population Size”
- Data: Tracks eclosion over a time period within a population founded with four initial adults
- Comparison: “Adult Eclosion in Small Vials with 2 Initial Adults”
- Conclusion: Larger founding populations allow a population to grow larger and at a higher rate
- Software used: Excel (available for Mac and PC) and Joinpoint (available for PC for free)

Food Availability and Population Size



Module:

“Population Dynamics and Food Availability”

Data:

Compares the size to which a population can grow under different food availabilities

Comparison:

Between the different food treatment levels within the trial

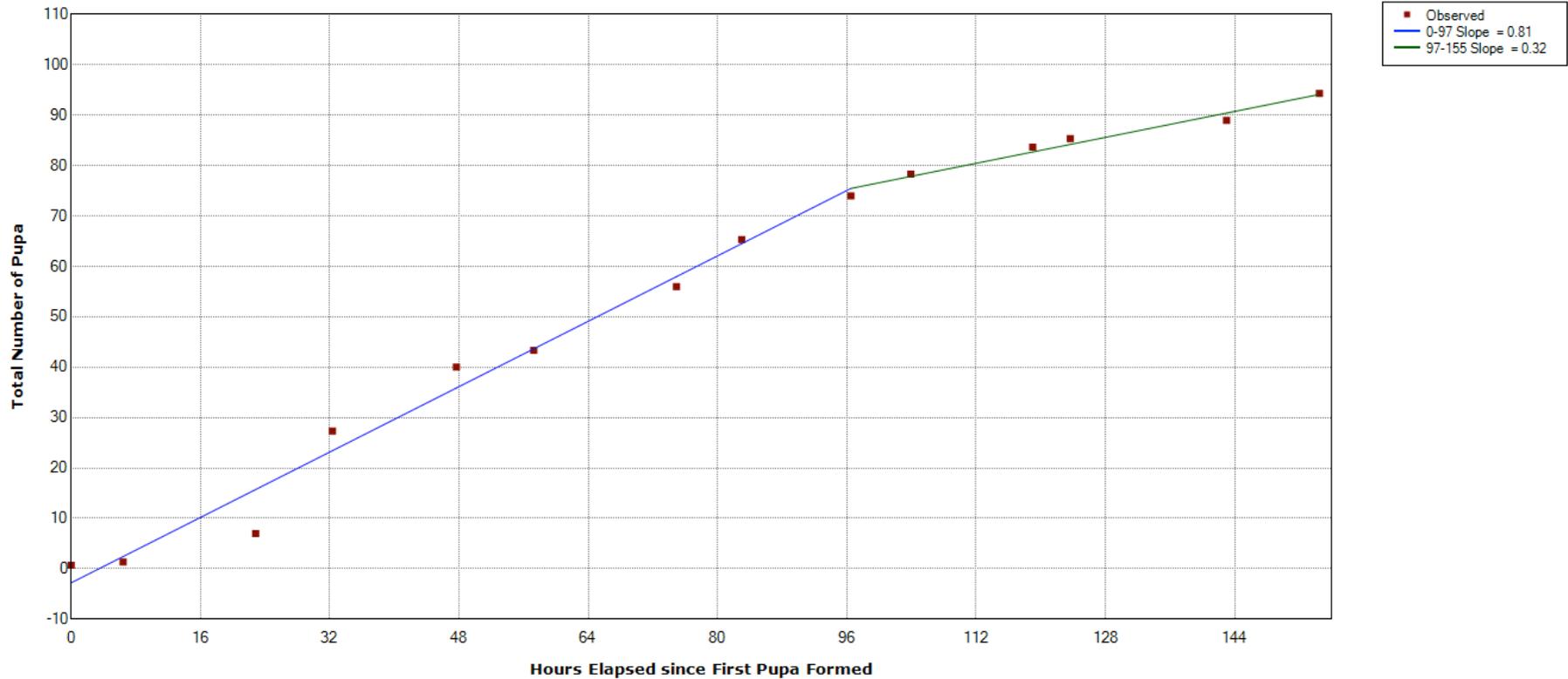
Conclusion:

Populations with more food available can grow to a larger size

Software used:

Excel (available for Mac and PC)

Pupa Formation in Small Vials with 4 Initial Adults : All : 1 Joinpoint



Modules: “Population Dynamics and Initial Population Size” & “Population Dynamics and Space Availability”

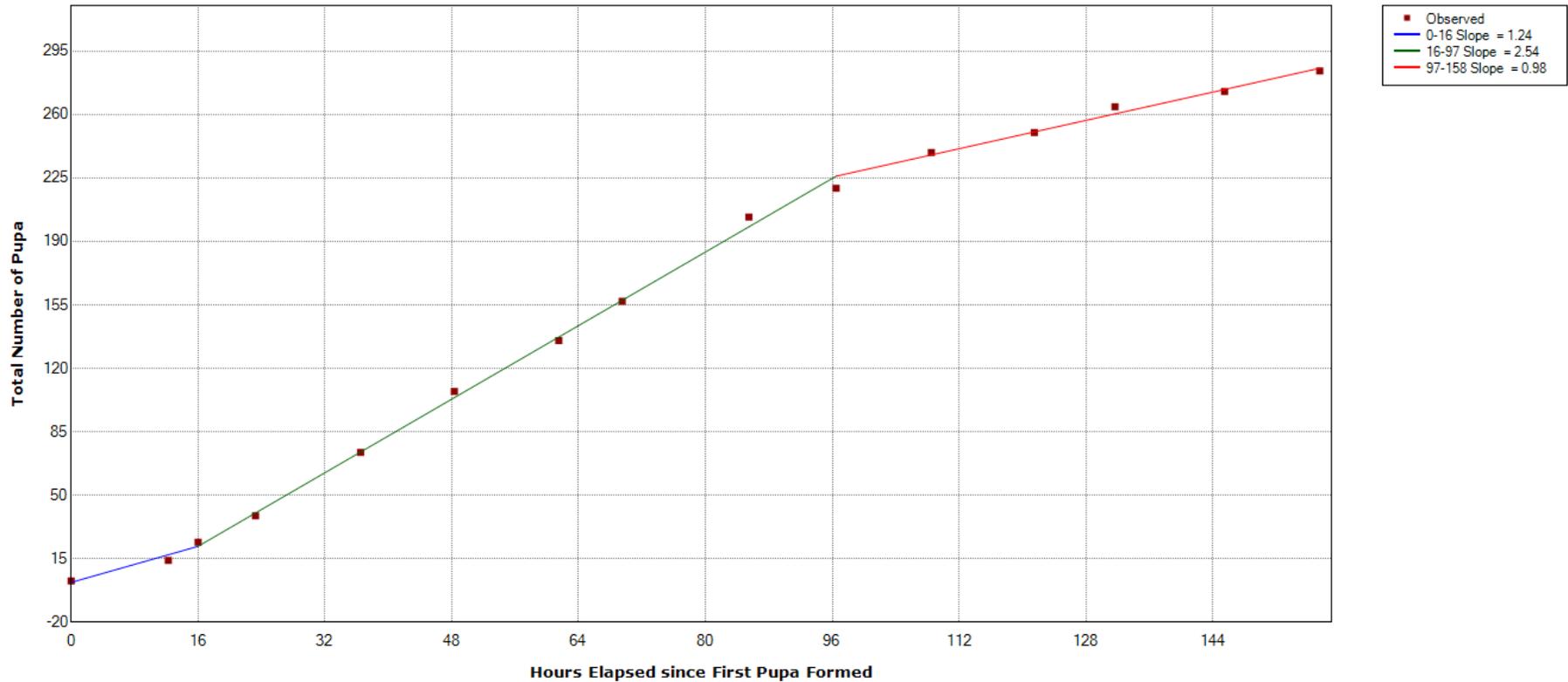
Data: Tracks pupation over a time period within a population founded with four initial adults in a small vial

Comparisons: “Pupa Formation in Small Vials with 2 Initial Adults” & “Pupa Formation in Large Vials with 4 Initial Adults”

Conclusion: Larger founding populations and increased space allow similar founding populations to grow larger and at a higher rate

Software used: Excel (available for Mac and PC) and Joinpoint (available for PC for free)

Pupa Formation in Large Vials with 4 Initial Adults : All : 2 Joinpoints



- Module: “Population Dynamics and Space Availability”
- Data: Tracks pupation over a time period within a population founded with four initial adults in a large vial
- Comparison: “Pupa Formation in Small Vials with 4 Initial Adults”
- Conclusion: Increased space allows similar founding populations to grow larger and at a higher rate
- Software used: Excel (available for Mac and PC) and Joinpoint (available for PC for free)