

Title: PIKAS and their environment
Experimental Question

What best predicts where pika live?

Claim

I claim that areas with **high plant nutrition**, and _____ are best predictors for finding pikas.

Experimental Design

Control Group (*signs of pika*)

Independent Variables (X-axis)
Variable 1: Plant Nutrition
Variable 2:
 Elevation (ft)
 Precipitation (mm)
 Temperatures (degrees F)

Dependent Variable (Y-axis)

Evidence to Support Claim (Data): Record data for your selected variables in the table below. For Independent variable 2, choose one of the 3 independent variables that is NOT plant nutrition. Write it in the data table.

Site Name	Independent Variable 1: Plant Nutrition	Independent Variable 2:	Number of Years with Pikas
Bridger Peak	High		
WY Aspens	low		
Silver lake	High		
Grand Lake	low		
Kennebec	High		
Nambe Lake	High		
Papoose Basin	High		
Trap Lake	High		
Grand Mesa	High		
Halfmoon Creek	low		
Mt Gothic	High		
Pagoda Peak	High		
Bighorn Peak	High		
Crystal Lake	High		
Cochetopa	low		
Wolf Creek Pass Road	High		
Del Norte	High		

Add up the years with Pika when the nutrition was low and divide by 4. Average of the low years = _____
 Add up the years with Pika when the nutrition was high and divide by 13. Average of the high years = _____