

Balance vs. Height



Miss School, Miss Out!

Balance vs. Height

Question: Do shorter people have better balance than taller people?

Hypothesis:

Observations: Construct a data table and record your measurements and observation.

Analysis: Construct a graph.

Conclusion: Support or reject your hypothesis with observational evidence.

Balance vs. Height

Personal Data

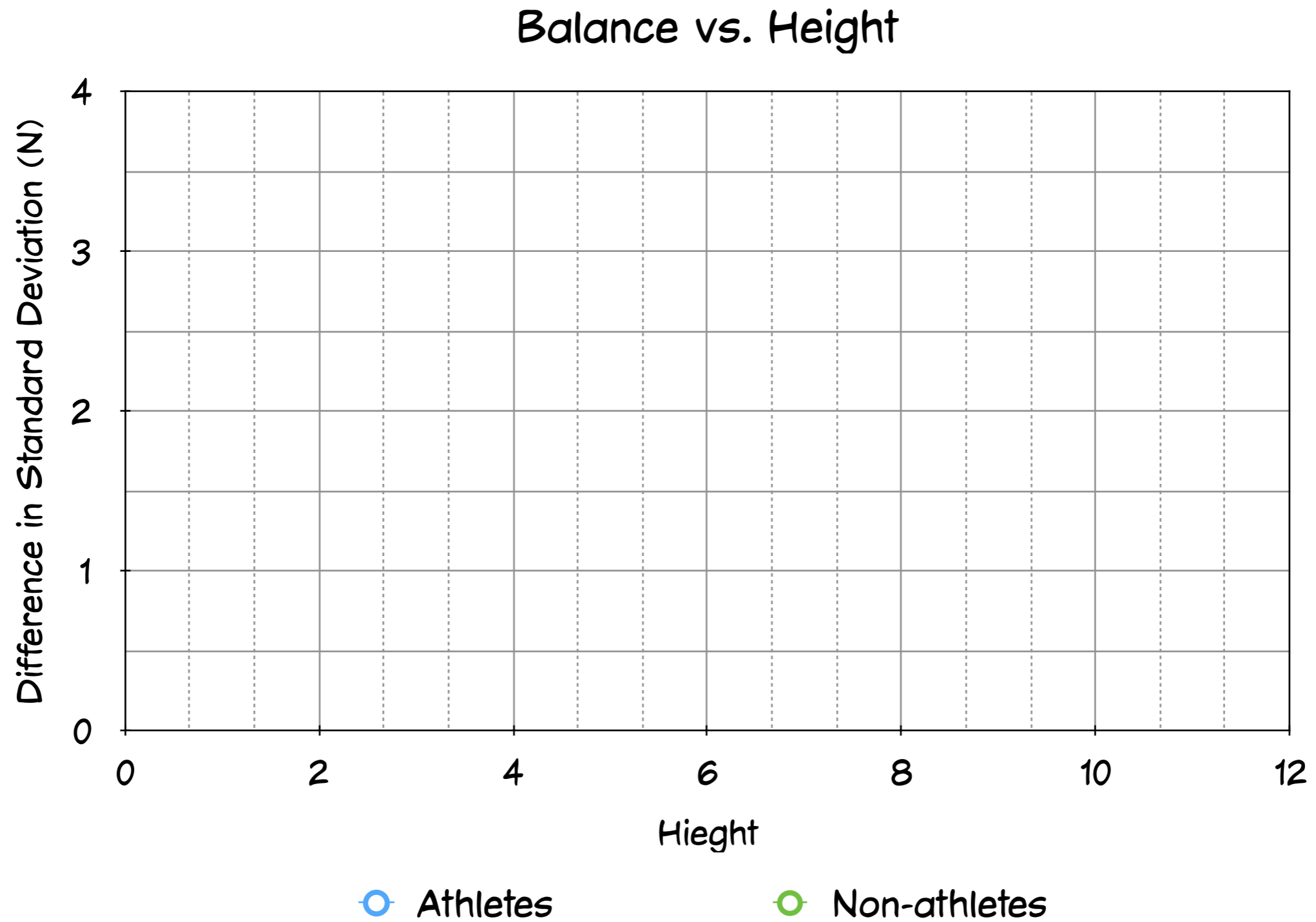
Athlete: Y or N

Trial	Standard Deviation Eyes Open (N)	Standard Deviation Eyes Closed (N)	Absolute Value Difference (N)
1			
2			
		Average:	

Class Data

Test Subject	Height	Absolute Value Difference (N)
1	180.5	14.9
2	162.2	13.1
3	159	9.835
4	169	7.7
5	186	10.55
6	170	20.6
7	160	1.2
8	180	5.32
9	181	5.05
10	171	4.85
11	167	4.1
12	185	43.6
13	167	6.6
14	181	9.15
15	180	3.36
16	160	3.4
17	167	10.75
18	168	2.85
19	160	3.4
20	185	43.6

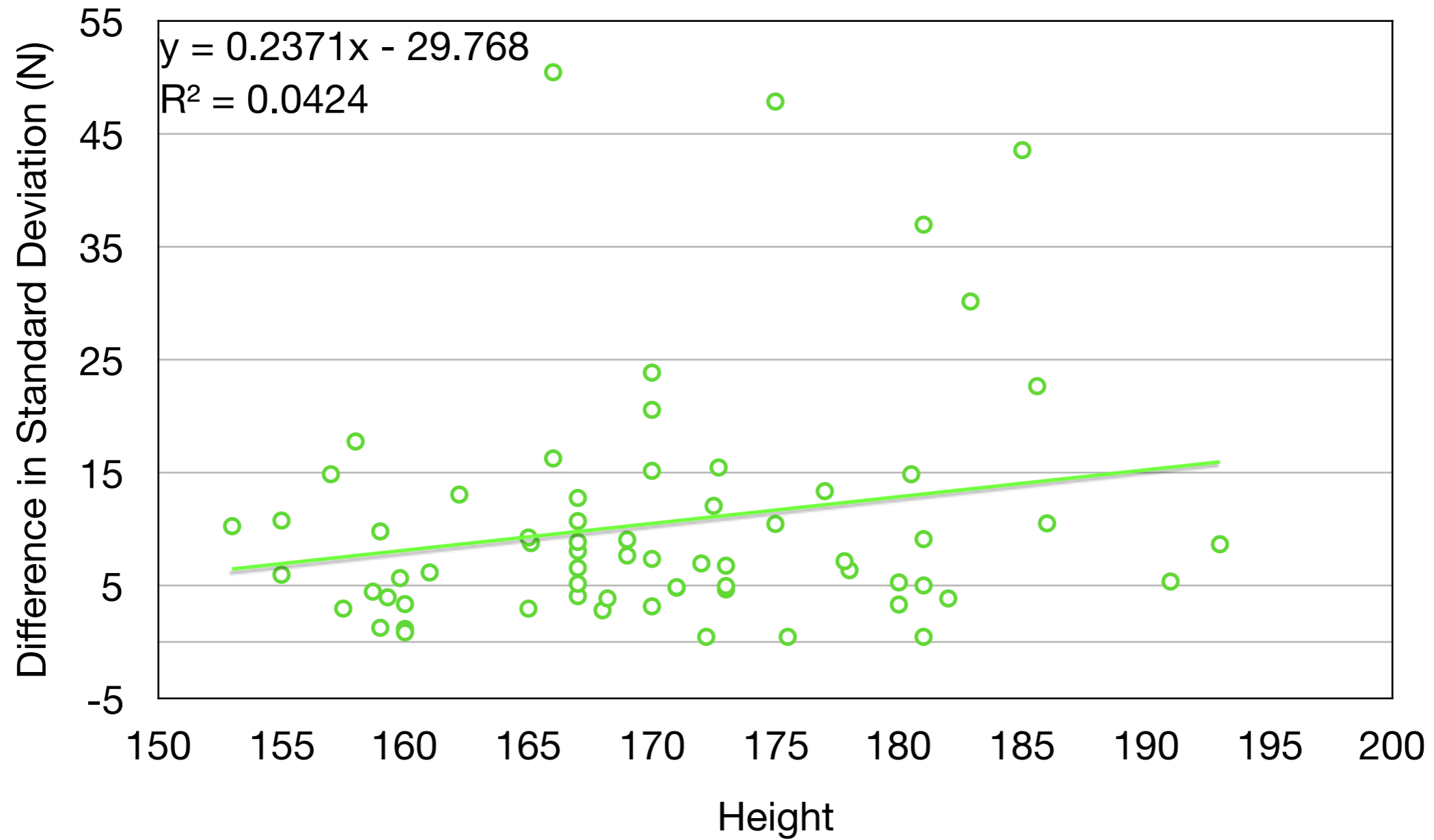
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R = 0.2059

Balance vs. Height



Balance in Athletes vs. Non-Athletes



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Balance in Athletes and Non-Athletes

