

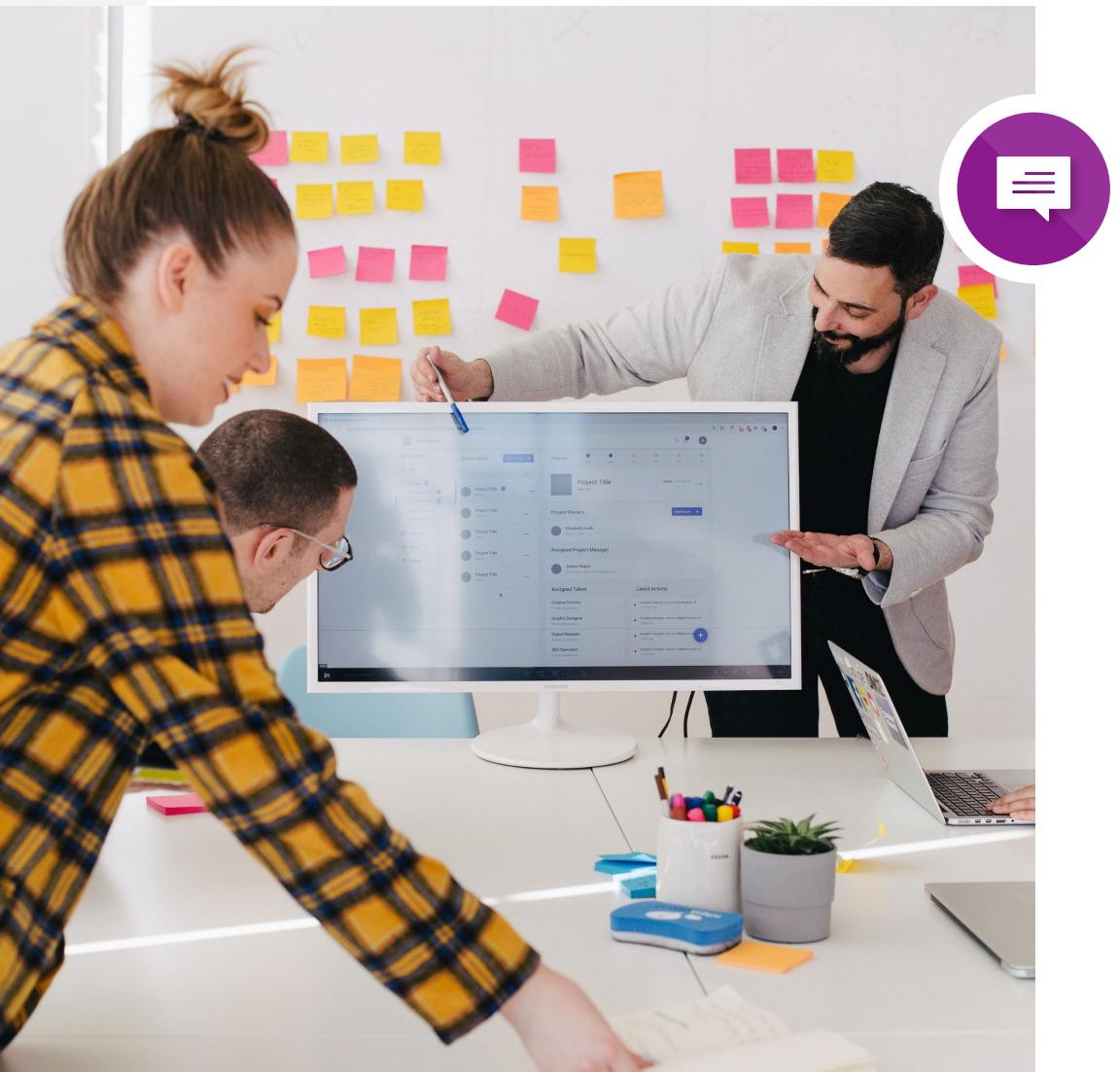


# Student Performance Considering Past Failures & Study Time

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Tyra Rodgers, Oluwatobi J. Molokwu  
& Zohra Noor





# Institute For Student Achievement

*The Institute for Student Achievement partners with schools to help students who are traditionally underserved and underperforming and prepare them for college*

- **School Strategic Planning**
- **Coaching for Educators**
- **Equity related Services**
- **Academic Development Services**
- **Gap Analysis**
- **College Readiness Assessments**



# Purpose & Question

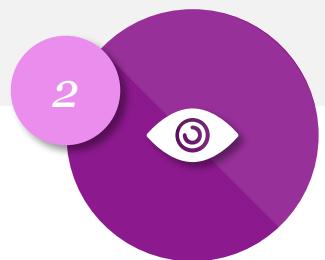
*How does past failure affect final grades? What is the relationship between these two? Does study time mediate this relationship?*



1

**Past Failures**

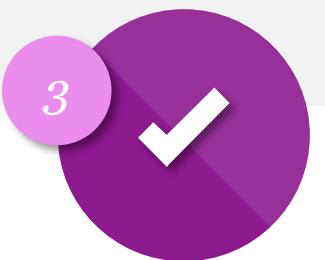
Independent Variable



2

**Study Time**

Mediating Variable



3

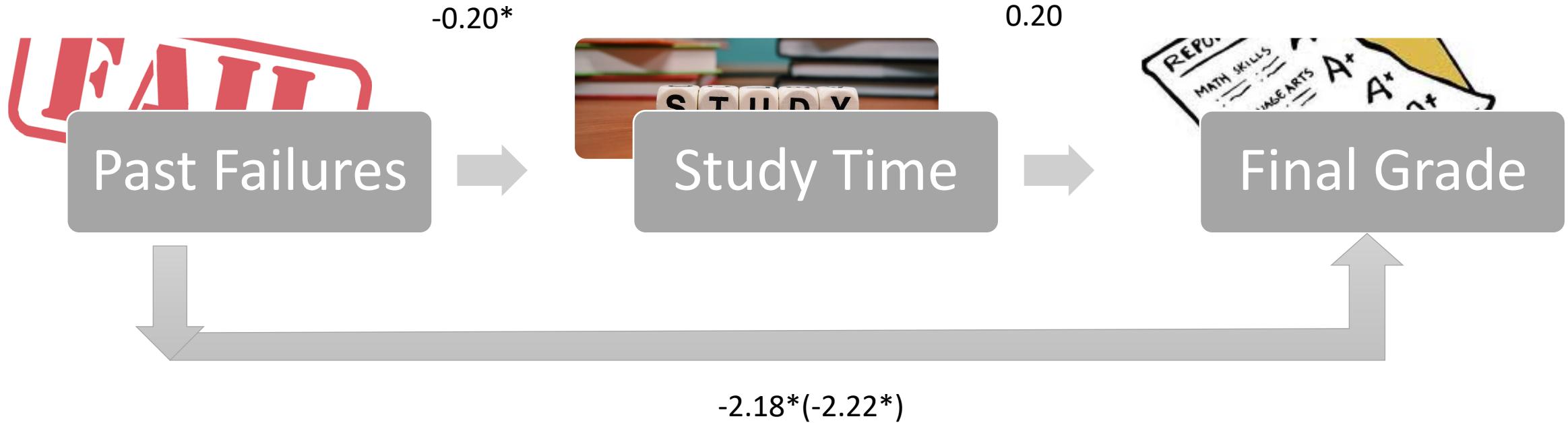
**Final Grades**

Dependent Variable



# Results of Mediation

Total = -2.22



## Effect of Past Failures on Final Grade

$$\text{Total: } -2.2204^* = (-0.19587 * 0.1985) + (-2.1815^*)$$

$$\text{Indirect: } -0.19587 * 0.1985 = -0.03888$$

$$\text{Direct PF on FG: } -2.1815^*$$

## Good Mediator?

$$\text{Indirect/Total} = -0.03888 / -2.2204^* = 0.01751 \text{ NO}$$



# Recommendations



## Adjust Study Time

- Determine how much time the students originally spent studying. Use that as a baseline for them to increase.
- The extra time should also be allocated to the subjects or areas of concern



## Analyze Comprehension

- Check with students to see if they understand the material.
- They might need to bulk up their literacy skills which can be the reason they are not understanding the material.



## Adjust Their Perspective

- If students believe they have no talent for a subject, it may affect their learning ability.
- Even if a student failed a class in the past, they still can relearn the information.



## Reduce Stress

- Once every attempt to improve grades has been exhausted, it is also important to take a break away from the material.
- The stress of failing again or facing the same challenge may prevent the retention of information.





Thank You

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Any Questions?