

Example with Zotero Citations

Elia Salerno

Introduction

Recent advancements in computational life sciences have shown promising results in various research areas (Mejia-Hernandez et al., 2018). This is consistent with other studies (Mejia-Hernandez et al., 2018).

Mathematical Equation

The equation for a linear regression model is given by:

$$y = \beta_0 + \beta_1 x + \epsilon$$

Where:

- y is the dependent variable
- β_0 is the intercept
- β_1 is the slope
- x is the independent variable
- ϵ is the error term

Image Example

Below is a diagram illustrating the relationship between variables in a regression model:

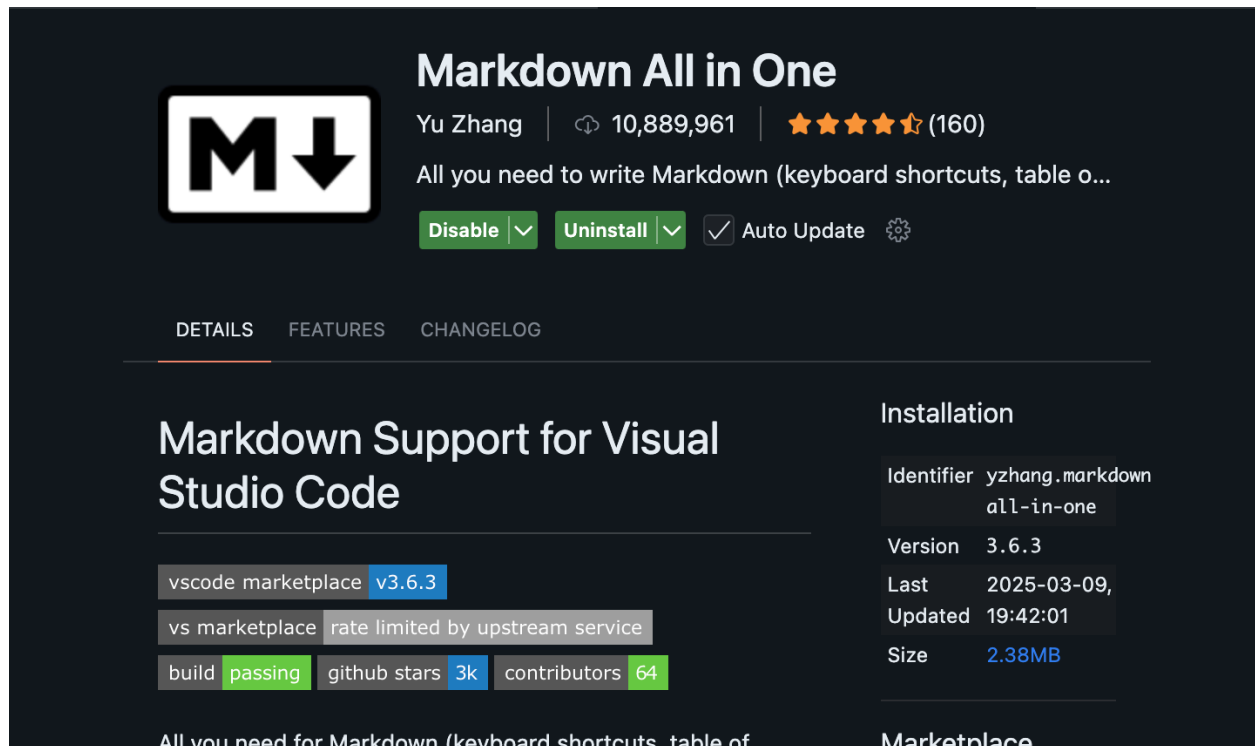


Figure 1: Regression Model Diagram

Conclusion

The use of computational models in biology continues to evolve, providing new insights and predictions.

References

- Mejia-Hernandez, K., Chang, A., Eardley-Harris, N., Jaarsma, R., Gill, T. K., & McLean, J. M. (2018). Smartphone applications for the evaluation of pathologic shoulder range of motion and shoulder scores—a comparative study. *JSES Open Access*, 2(1), 109–114. <https://doi.org/10.1016/j.jses.2017.10.001>