

# Building Integrity in Retrospect: Assessing the Impact of Age on 2023 Safety Evaluations\*

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## 1 Introduction

## 2 Data

## 3 Model

## 4 Result

Call:

```
lm(formula = CURRENT.BUILDING.EVAL.SCORE ~ AGE, data = cleaned_data)
```

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\*Code and data supporting this analysis are available at

Residuals:

Min	1Q	Median	3Q	Max
-69.662	-4.364	1.702	5.833	15.859

Coefficients:

	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	93.62182	0.64813	144.449	<2e-16 ***
AGE	-0.10086	0.01015	-9.934	<2e-16 ***

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Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 8.461 on 1746 degrees of freedom

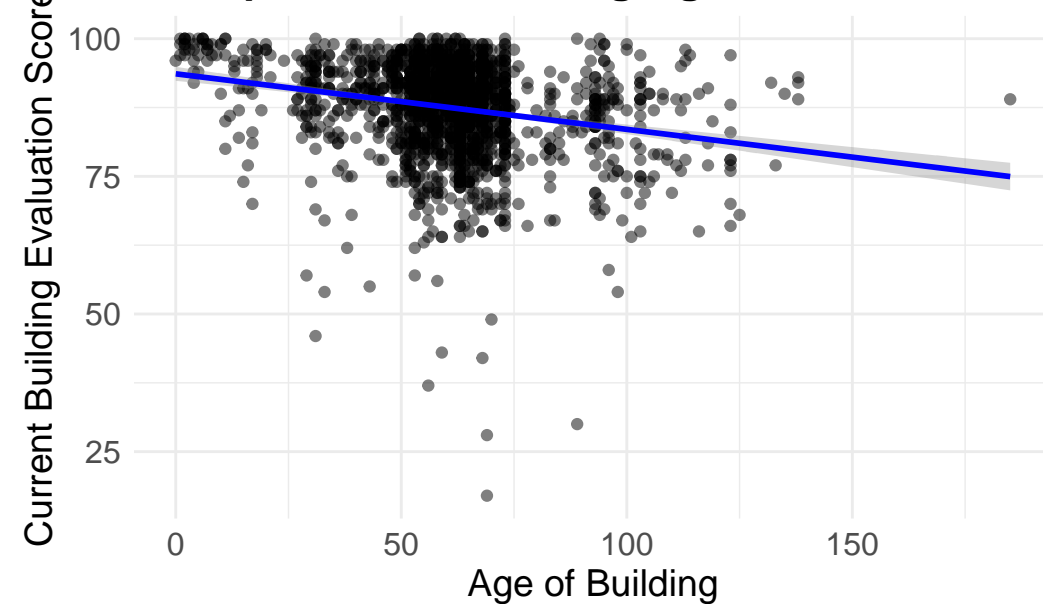
Multiple R-squared: 0.0535, Adjusted R-squared: 0.05295

F-statistic: 98.68 on 1 and 1746 DF, p-value: < 2.2e-16

Warning: Using `size` aesthetic for lines was deprecated in ggplot2 3.4.0.  
i Please use `linewidth` instead.

`geom\_smooth()` using formula = 'y ~ x'

## Relationship between Building Age and Evaluation Score



## 5 Discussion