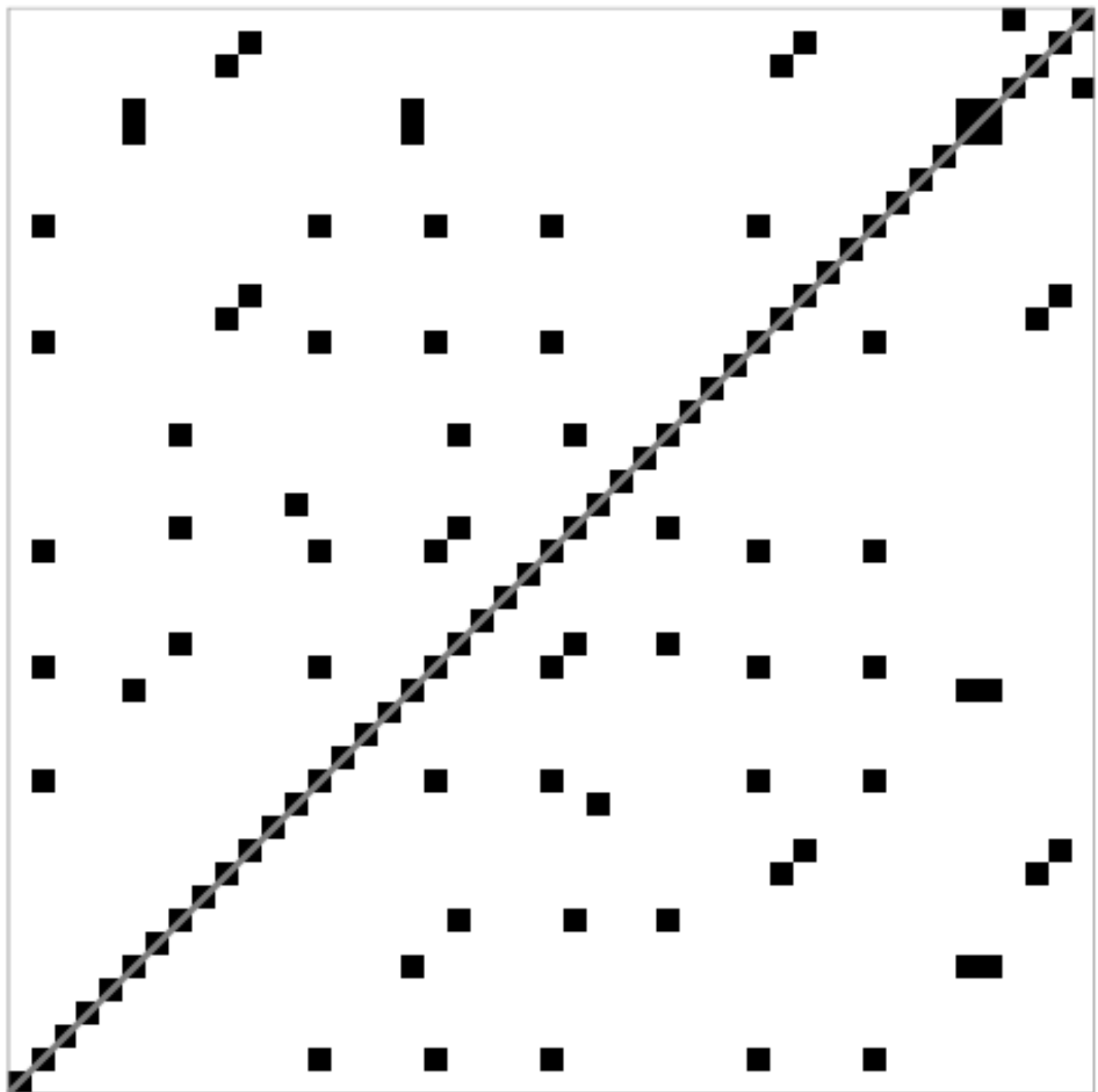




Redwood University





# Research Quantification Analysis

*Diagonal lines* ➡ repetition of any pattern:  
“de wandelwagen” is recurring 2 times

**Determinism (DET)**: proportion recurrent points that lie on a diagonal line

$$8 / 70 = 0.114 \text{ (11.4\%)}$$

$$4 / 35 = 0.114 \text{ (11.4\%)}$$

*Vertical lines* ➡ recurrence of exactly the same value:  
“jan jan”

**Laminarity (LAM)**: proportion recurrent points that lie on a vertical line

$$4 / 70 = .057 \text{ (5.7\%)}$$

$$2 / 35 = .057 \text{ (5.7\%)}$$



# Recursive Matrix/Recursive Plot





























## Recurrence Quantification Analysis

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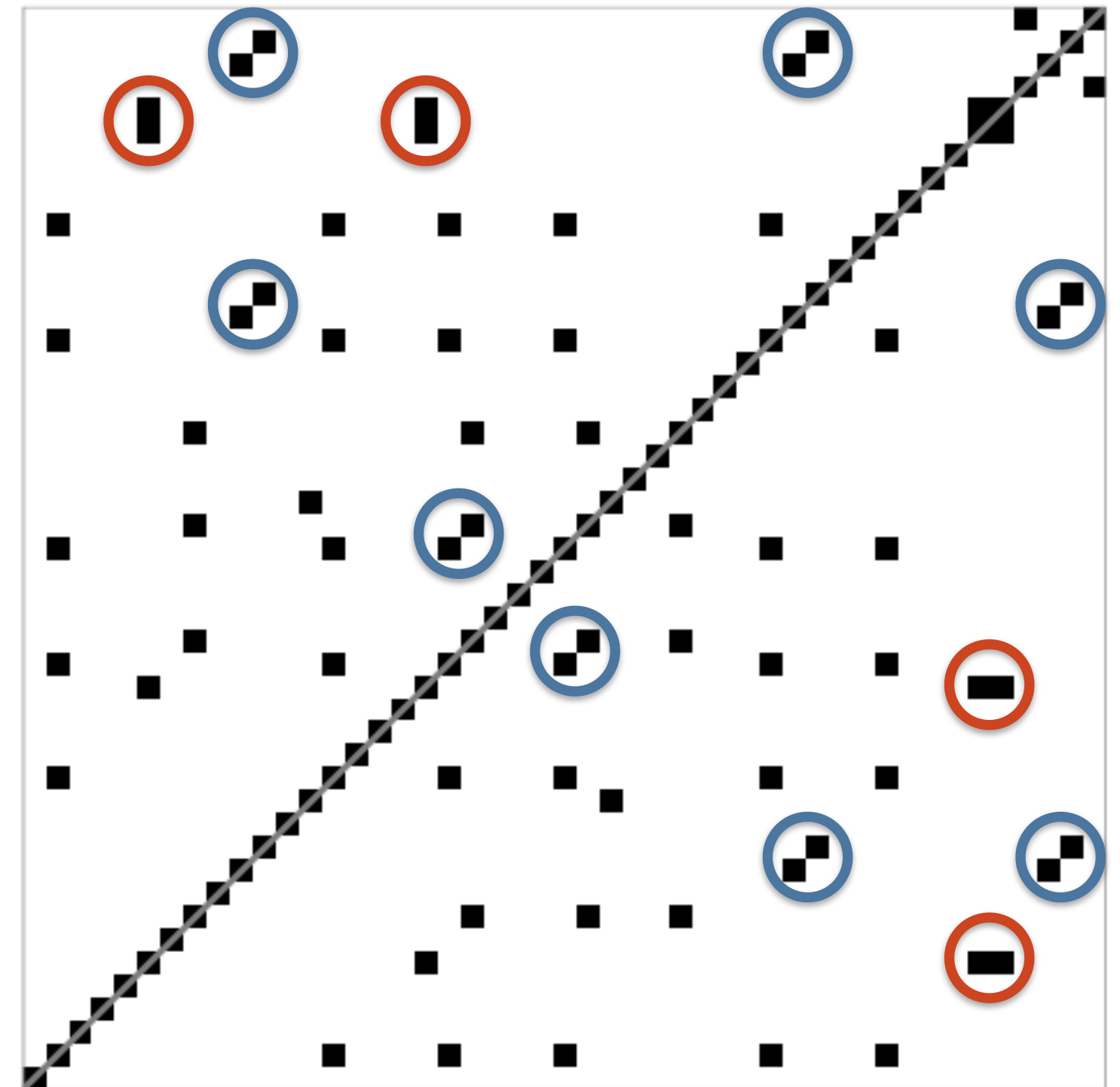
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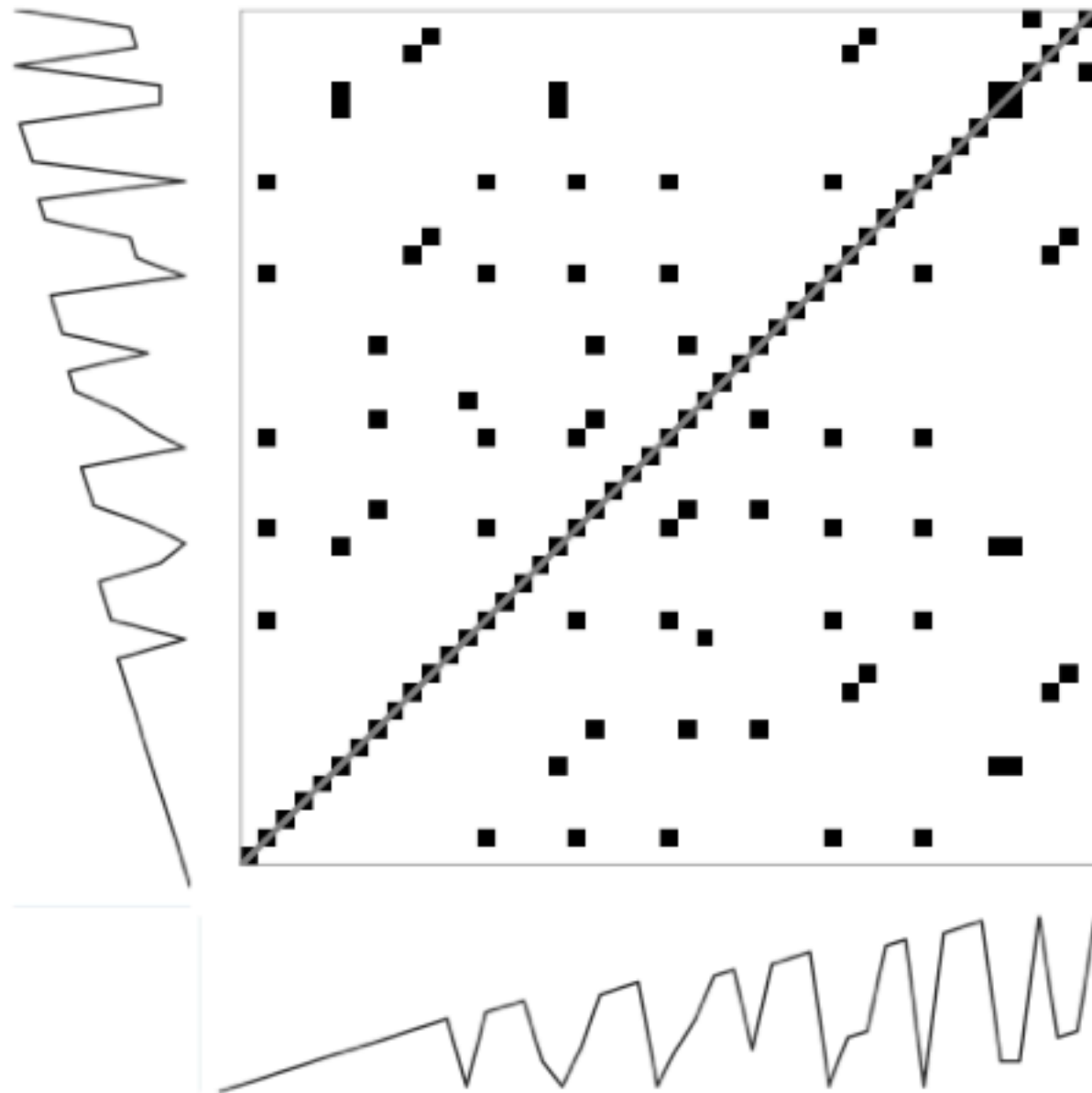
# Recurrence Quantification Analysis

## STORY 1

**RR:** 3.2%

**DET:** 11.4%

**LAM:** 5.7%



## STORY 2

**RR:** 7.8%

**DET:** 54.3%

**LAM:** 0.0%

