

Assignment 1 Grading Rubric

NAMES: _____ **GRADE:** _____ /150

Author contributions: *report will be not be graded unless this is included.*

Readme file (5 points): _____ .

Introduction (10 points): _____ .

Goals: 3

Definitions: 4

Relevance to CAS: 3

Methods (25 points): _____ .

Problem 4 methods: 10

Problem 6 methods: 10

Remaining methods: 5

Results: (80 points): _____ .

1. 10 points

Correct & well-formatted figure: 5

Discussion: 2

3 Assumptions: 3

2. 10 points

Correct & well-formatted figure: 5

Explain synchronization: 2

Expectation in real populations: 1

Difficulty in prediction: 2

3. 10 points

Figure(s): 7

Explanation: 3

4. 20 points

Figures 4a,b,c,d: 16

Explanations: 4

(10 additional points assessed in Methods section)

5. 10 points for a correct and detailed explanation

6. 10 points

Values for x_0 , R, K for each time series: 6

Predictions and confidence: 4

(10 additional points assessed in Methods section)

7. 10 points

2 points for periodicity

2 points for each reason

5 points Extra Credit possible

Conclusions (10 points):_____.

Summary: 4

Usefulness of Logistic map: 3

Caveats: 3

References: (5 points):_____.

Writing style, grammar, spelling & readability (15 points):_____.

Code produces figures in the report: (20 points):_____.

Points will be deducted if the TA has to communicate with you to make your code reproduce the results in your report. If results in your report appear not to have come from your code, your project will not be graded.