

Student's Name: _____

Evaluator's Name: _____

MATH490 Final Exam – Workflow Grading Rubric

Description	Grading Scale				
<u>Workflow Structure</u> – Is the organization of the code logical for the analysis?	1	2	3	4	5
<u>Use of PlantCV Library and Tools</u> – Does the researcher demonstrate effective, efficient use of the PlantCV library in the workflow?	1	2	3	4	5
<u>Code Readability</u> – How readable is the code: does the researcher use meaningful names for their variables, effective use of comments, etc.?	1	2	3	4	5
<u>Image Data Processing</u> – Were the methods/steps used to clean the image data appropriate for the analysis?	1	2	3	4	5
<u>Data Output Quality</u> – Did the workflow generate the desired outputs: a single-object mask that covers the complete plant and a .csv file?	Neither 0	Multi-object mask & .txt file 2	Multi-object mask & .csv file 4	Single-object mask & .csv file 6	
<u>Reproducibility</u> – How likely would this workflow yield a complete binary mask for another maize image?		No 0	Maybe 2	Yes 4	

Comments: _____
