

Assignment 4: Model-Based RL and Exploration

Andrew ID: Write your Andrew ID here.

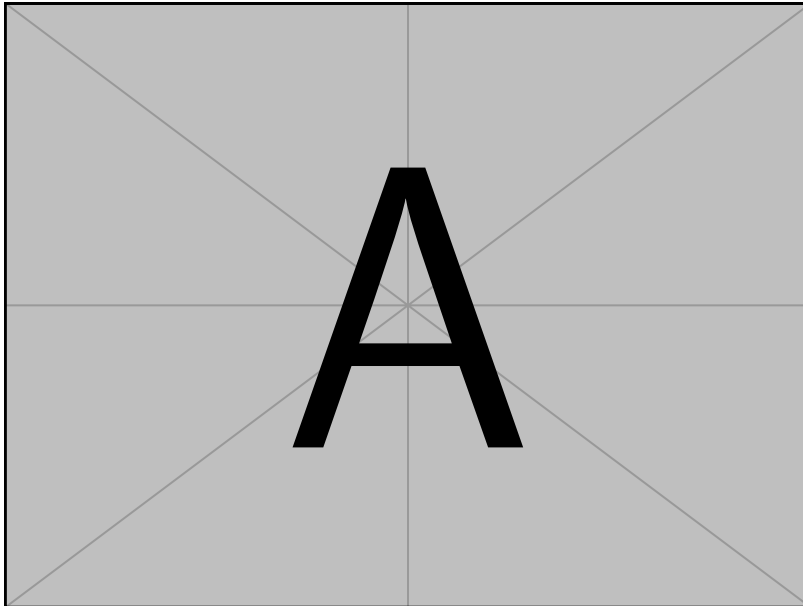
Collaborators: Write the Andrew IDs of your collaborators here (if any).

NOTE: Please do NOT change the sizes of the answer blocks or plots.

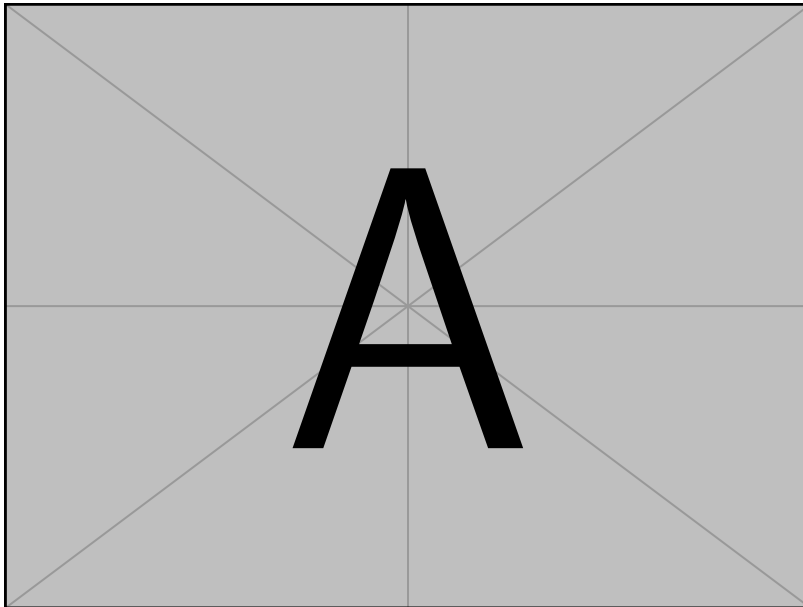
1 Problem 1: Dynamics Model Training (25 points)

Theory questions

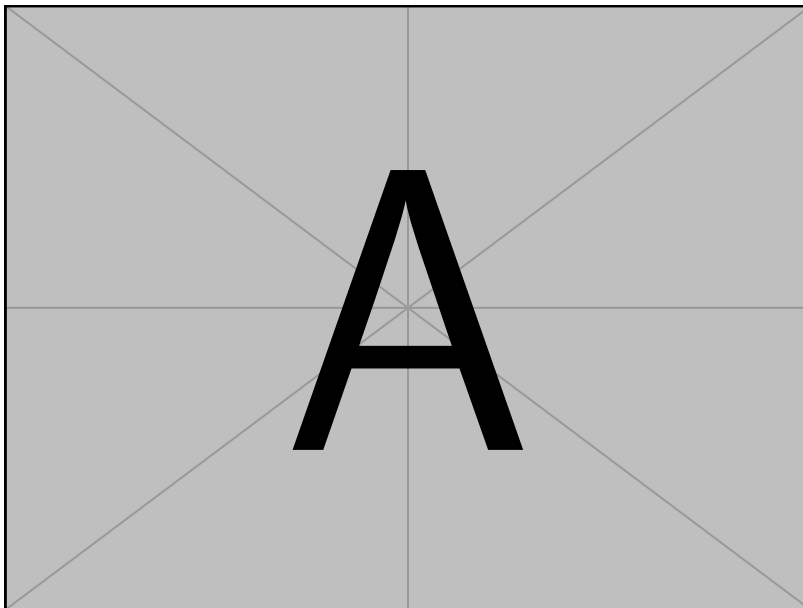
Plot



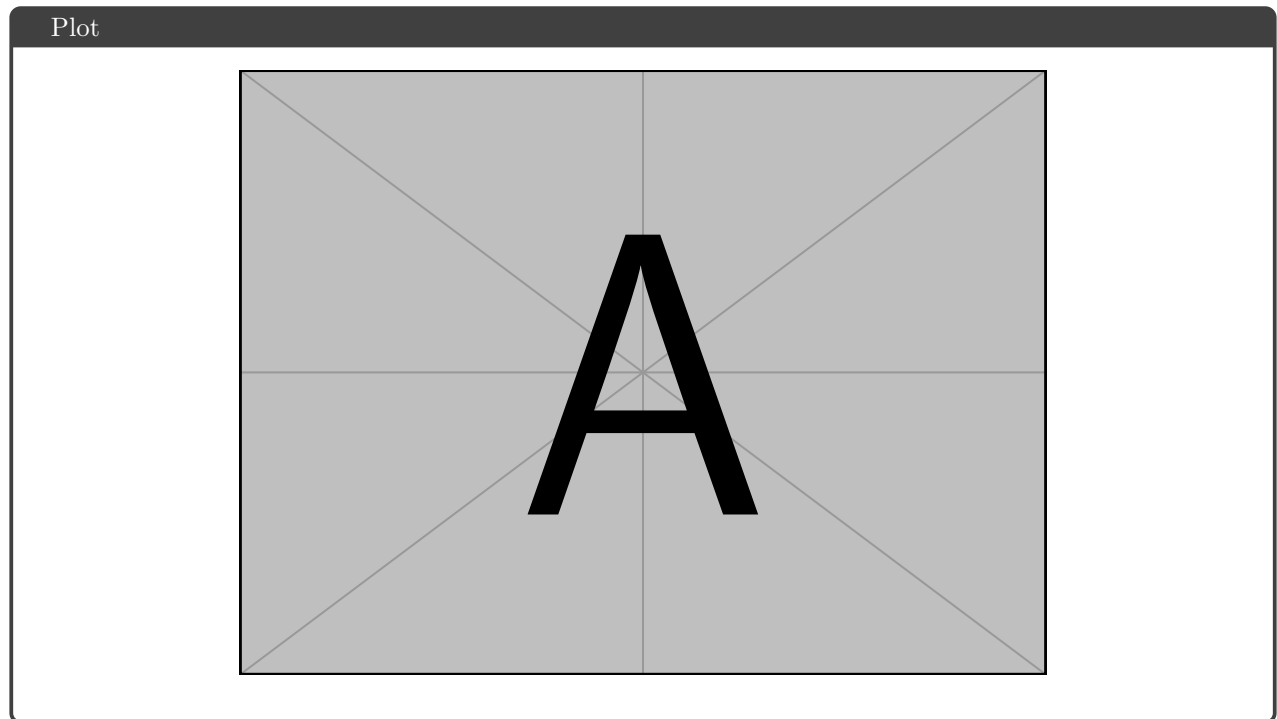
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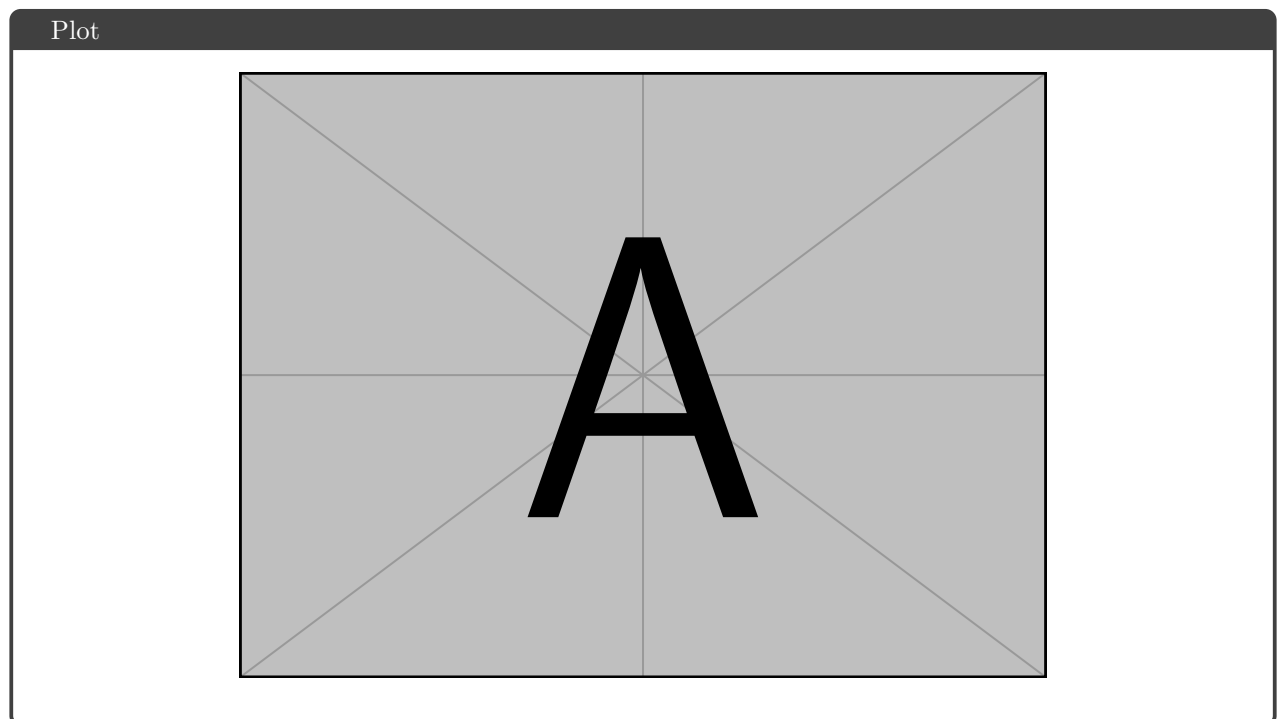
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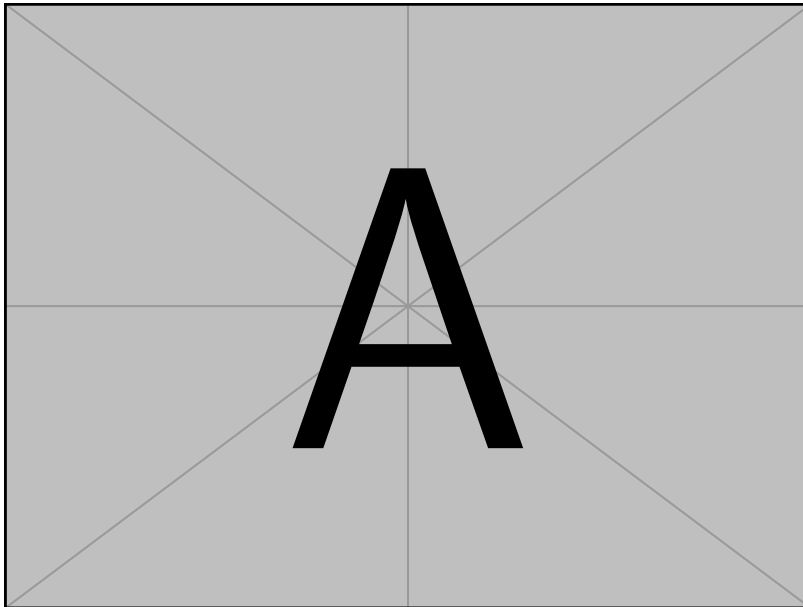
2 Problem 2: Action Selection (25 points)



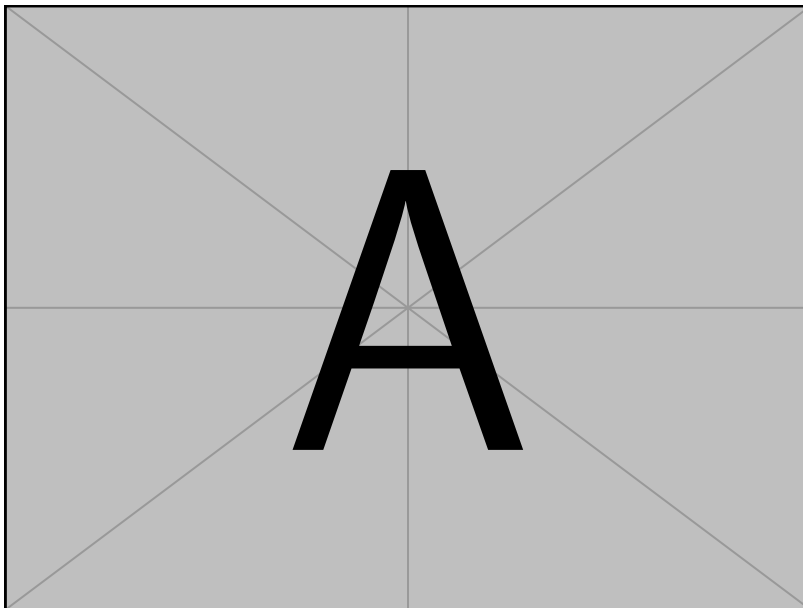
3 Problem 3: Iterative Model Training (25 points)



Plot

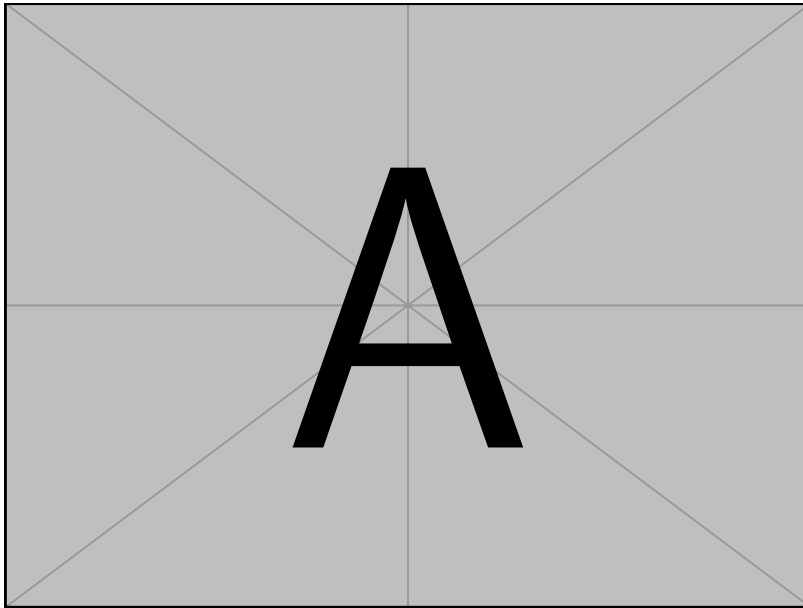


Plot

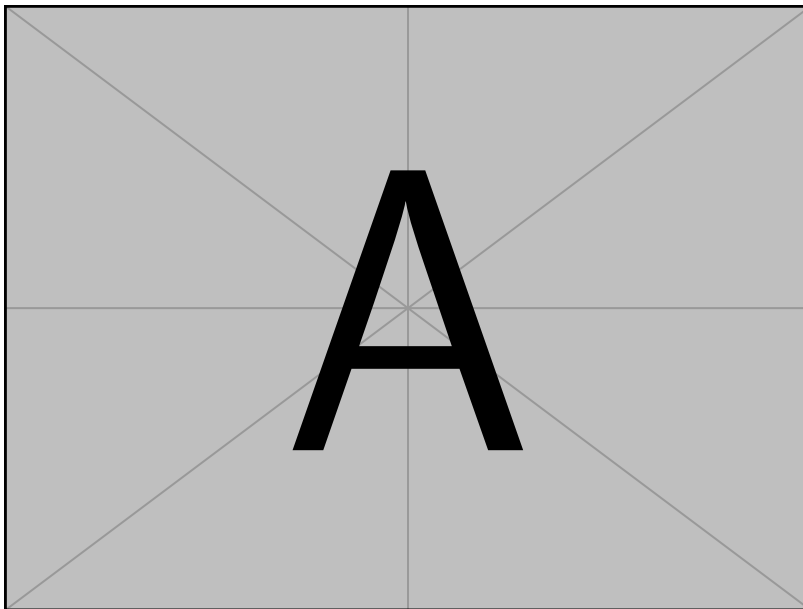


4 Problem 4: Hyper-parameter Comparison (25 points)

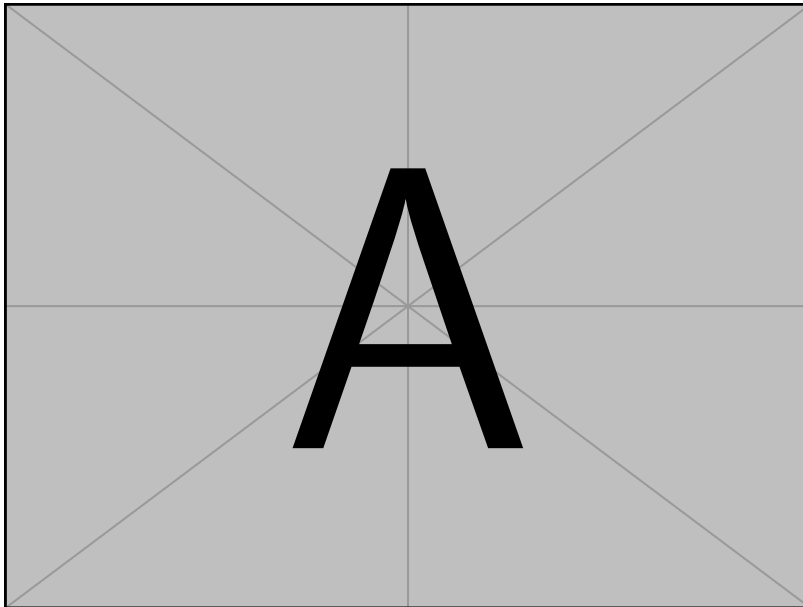
Plot



Plot

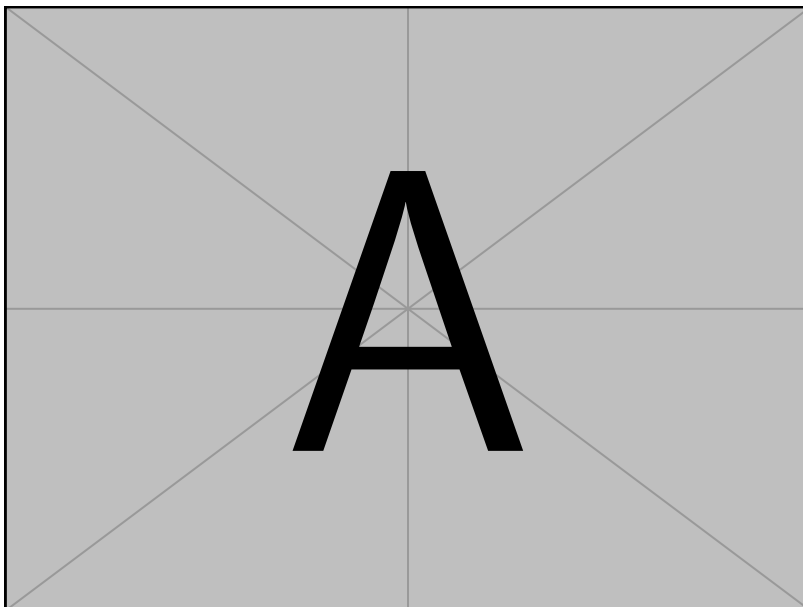


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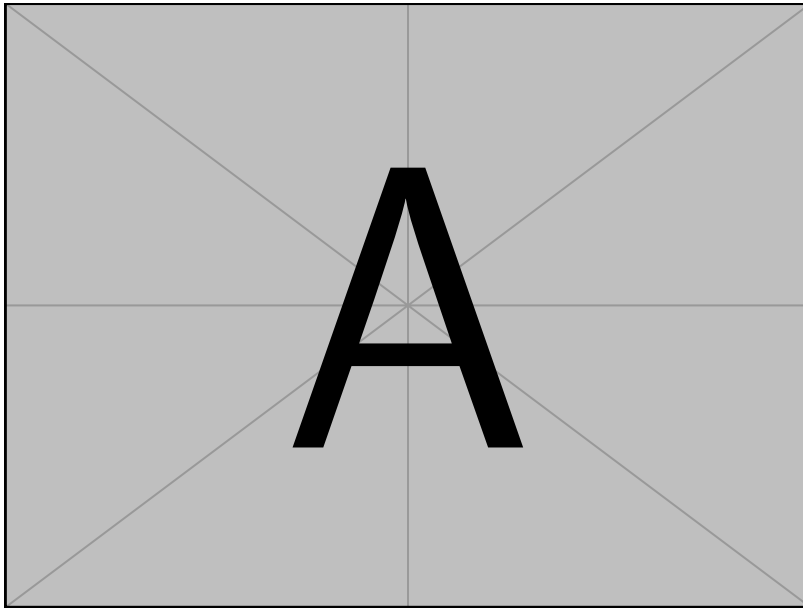
5 Problem 5: Hyper-parameter Comparison (Bonus, 25 points)

Plot

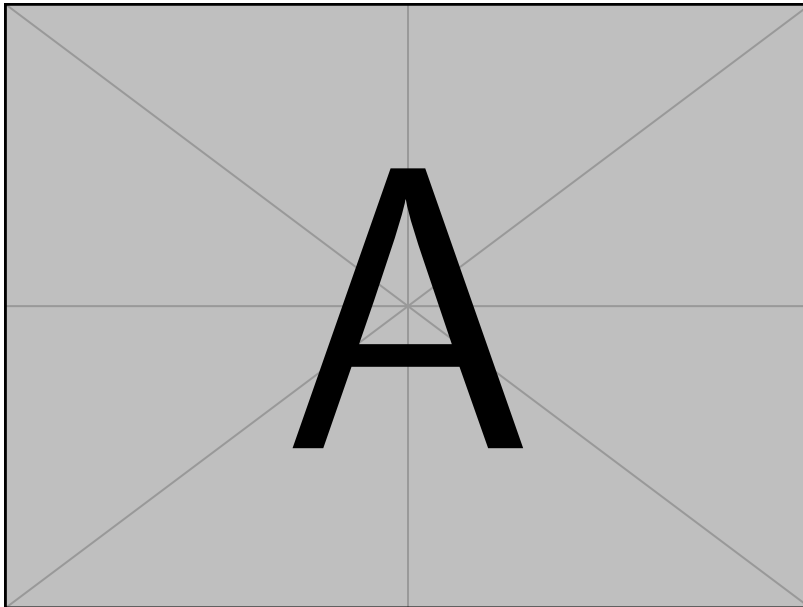


6 Problem 6: Exploration (Bonus, 25 points)

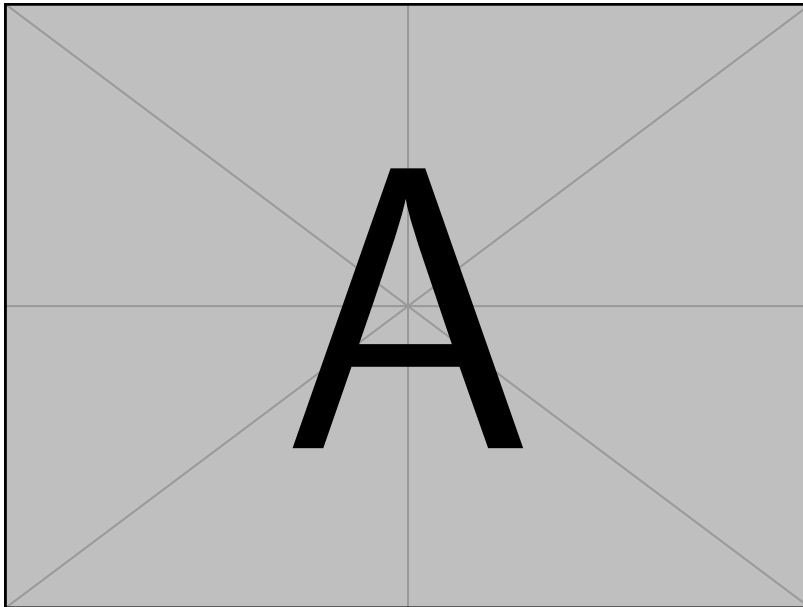
Plot



Plot



Plot



Plot

