

Assignment 4: Model-Based RL and Exploration

Andrew ID: Write your Andrew ID here.

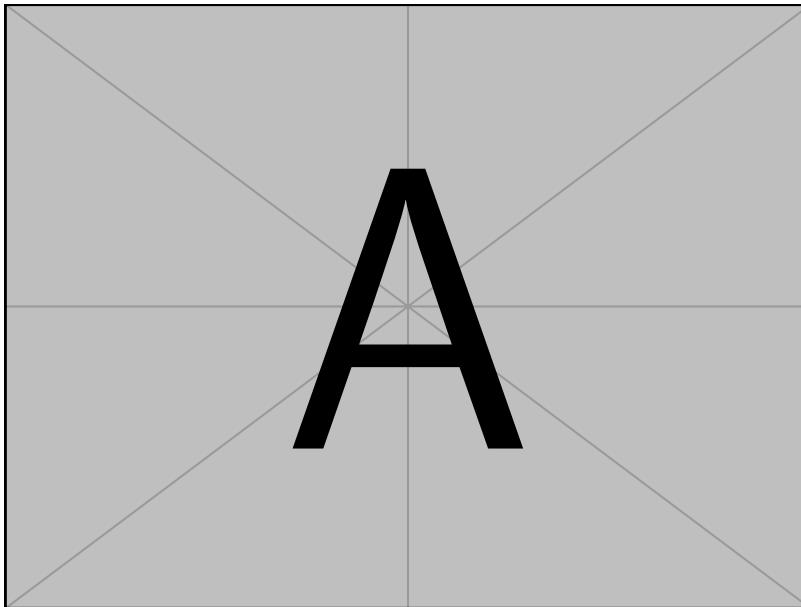
Collaborators: Write the Andrew IDs of your collaborators here (if any).

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

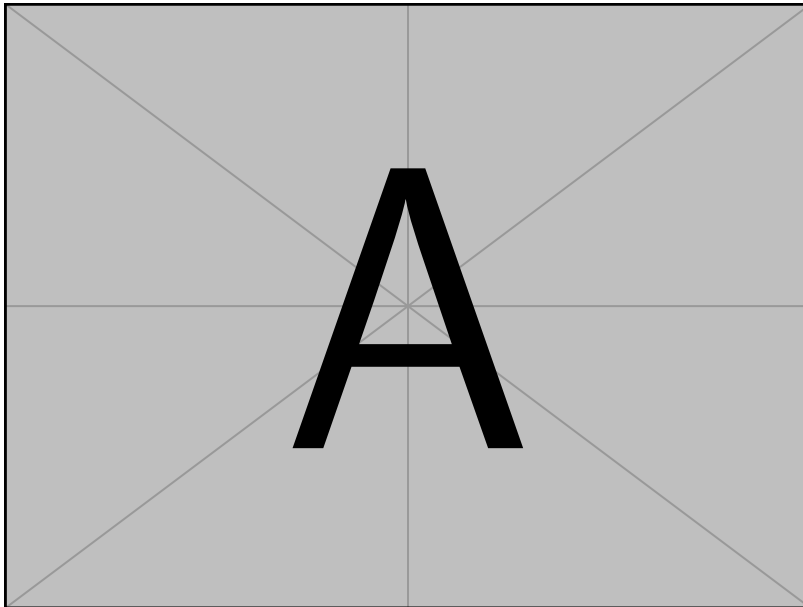
1 Problem 1: Dynamics Model Training [4pts]

Answer to theory questions.

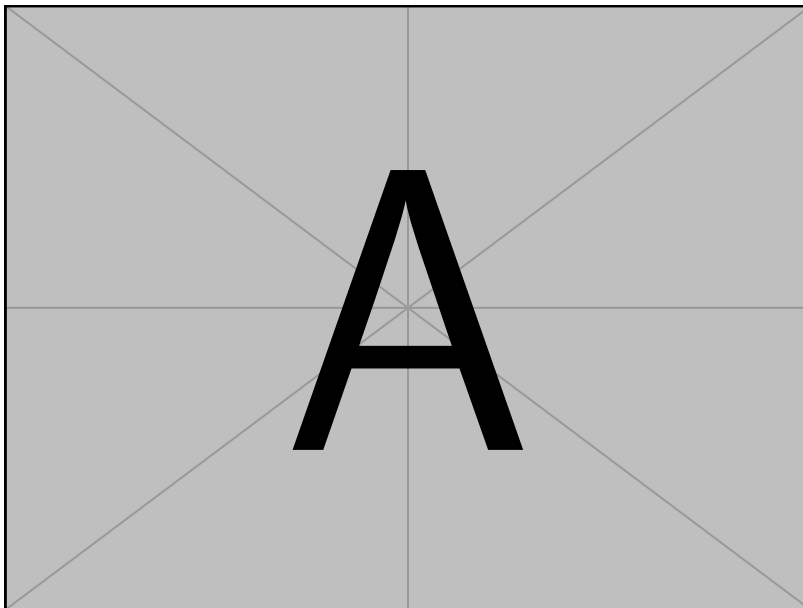
Plot 1



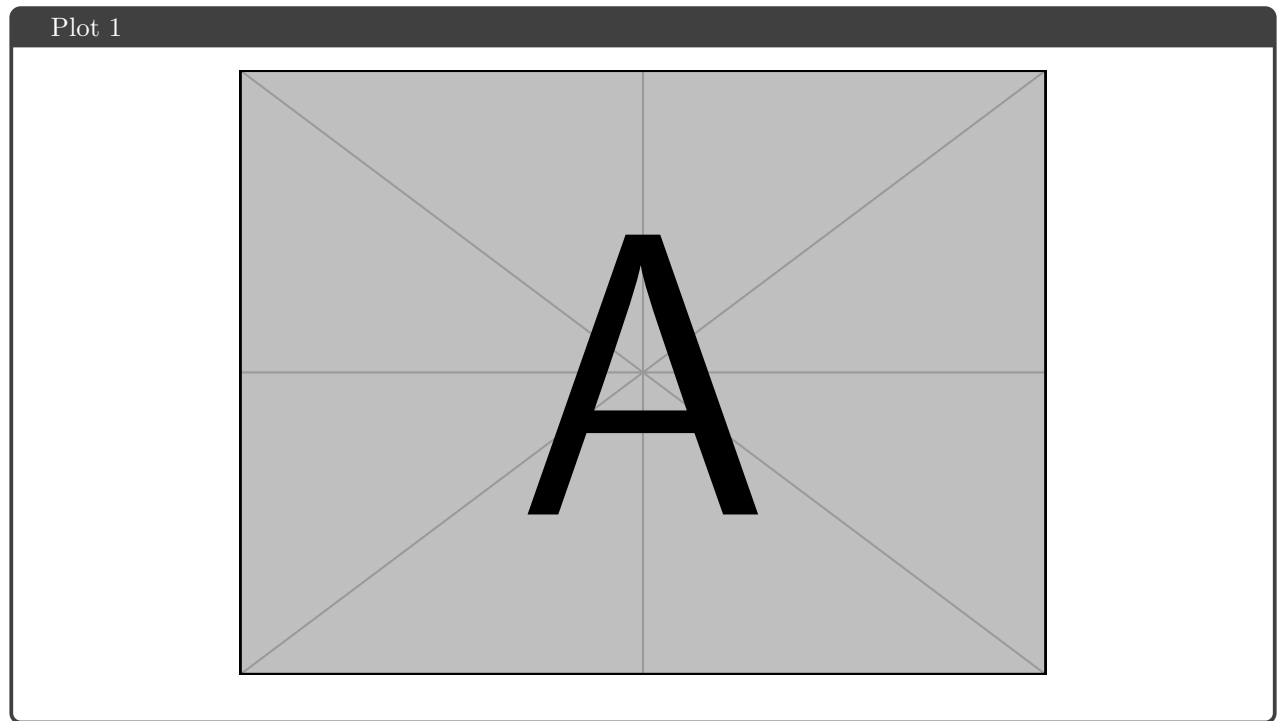
Plot 2



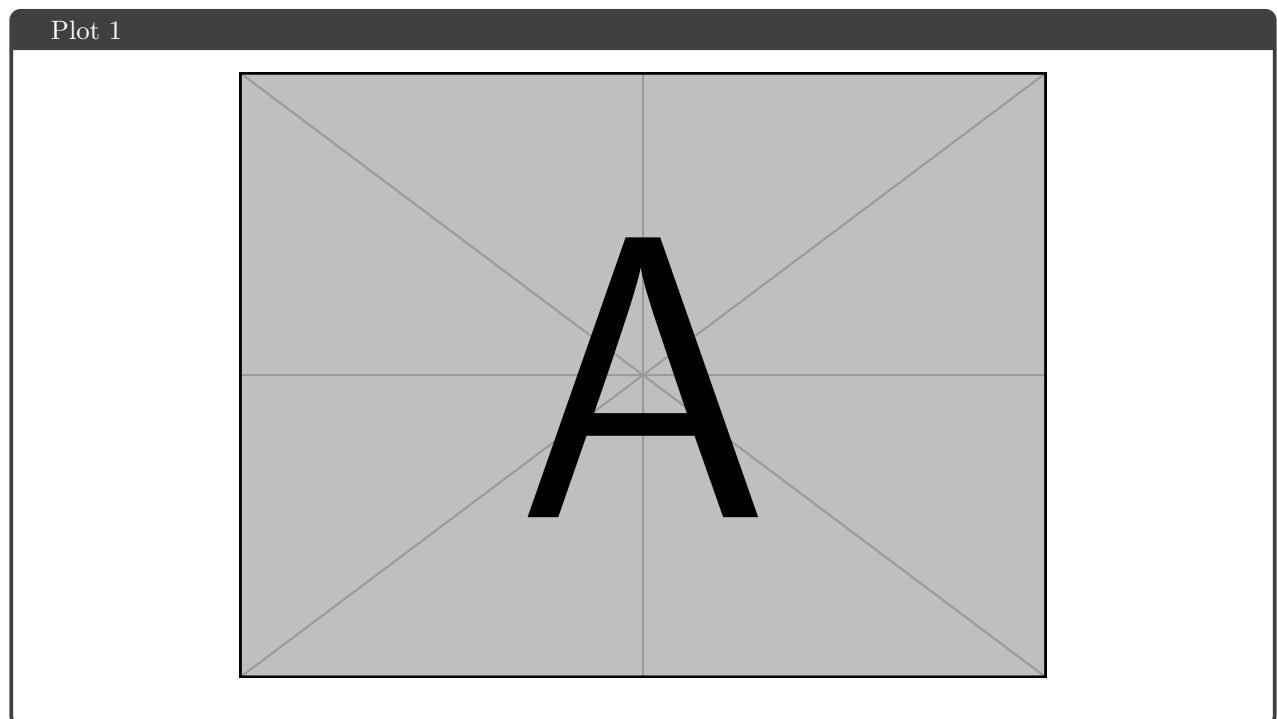
Plot 3



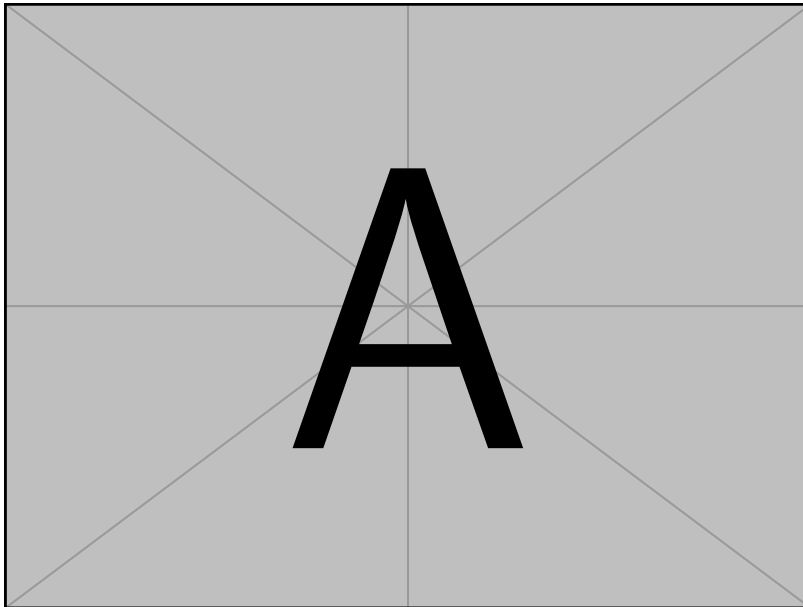
2 Problem 2: Action Selection [4pts]



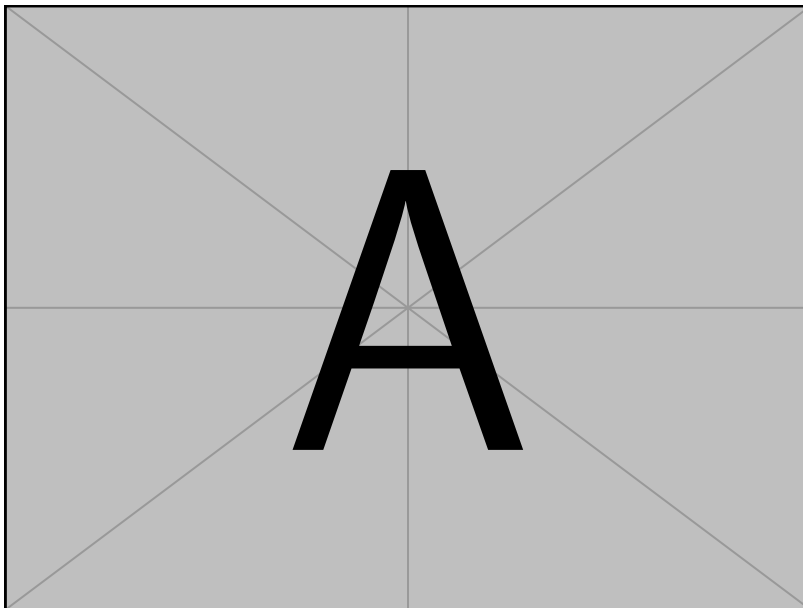
3 Problem 3: Iterative Model Training [3pts]



Plot 2

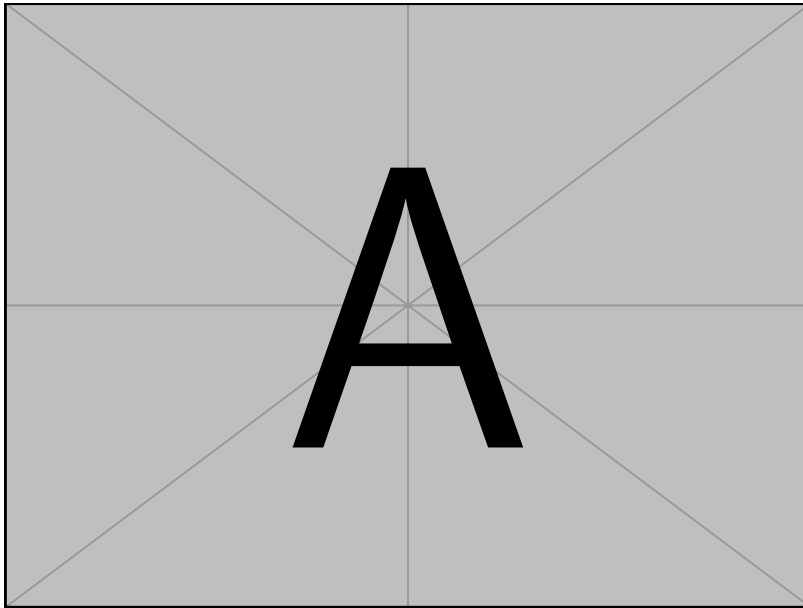


Plot 3

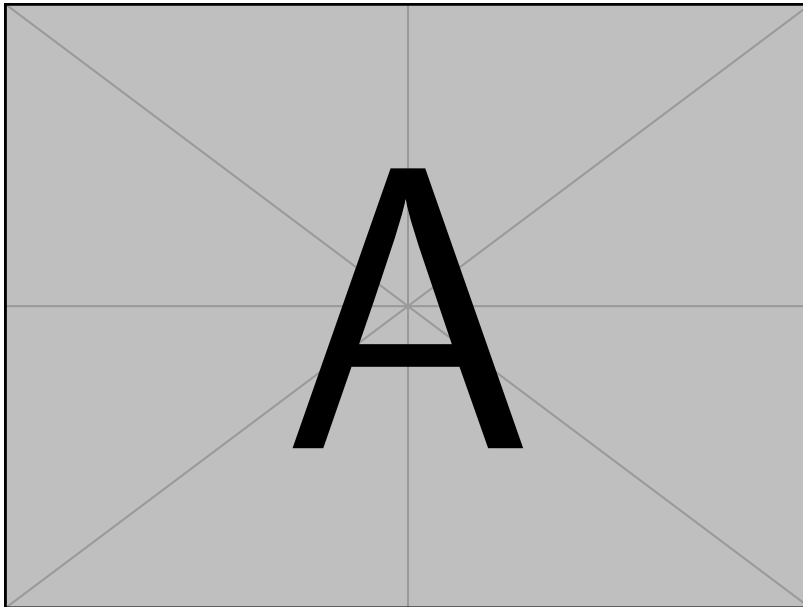


4 Problem 4: Hyper-parameter Comparison [4pts]

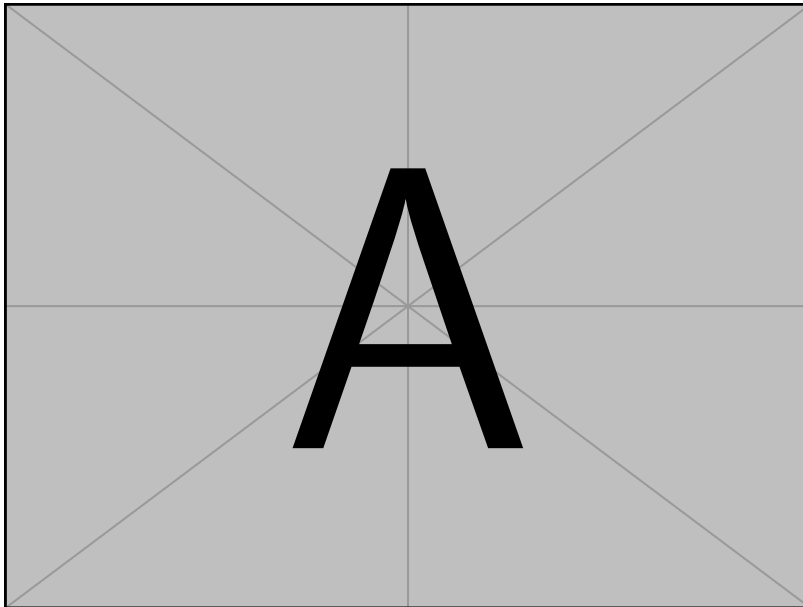
Plot 1



Plot 2

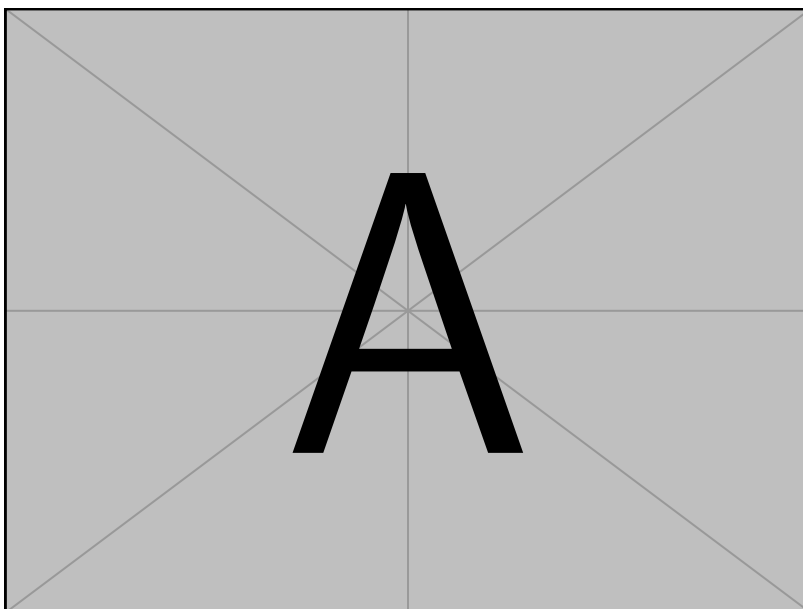


Plot 3



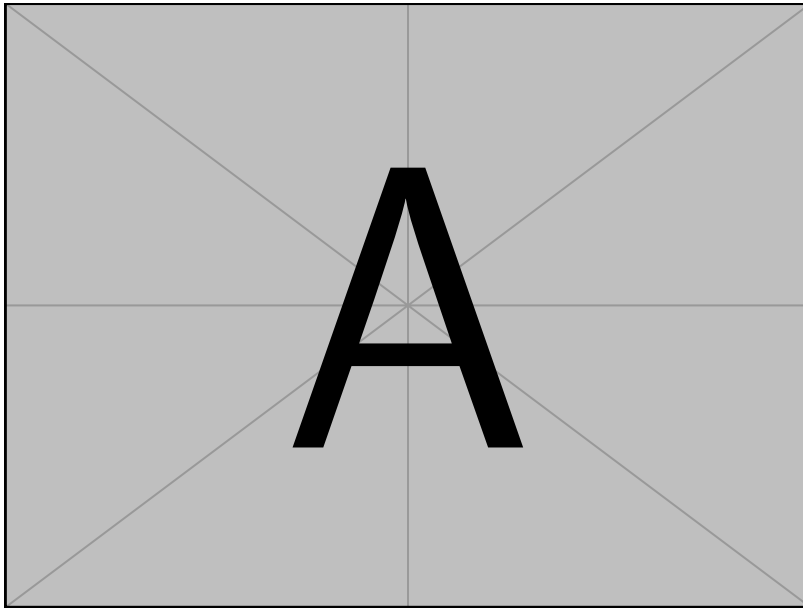
5 Problem 5: CEM (Bonus) [2.5pts]

Plot 1

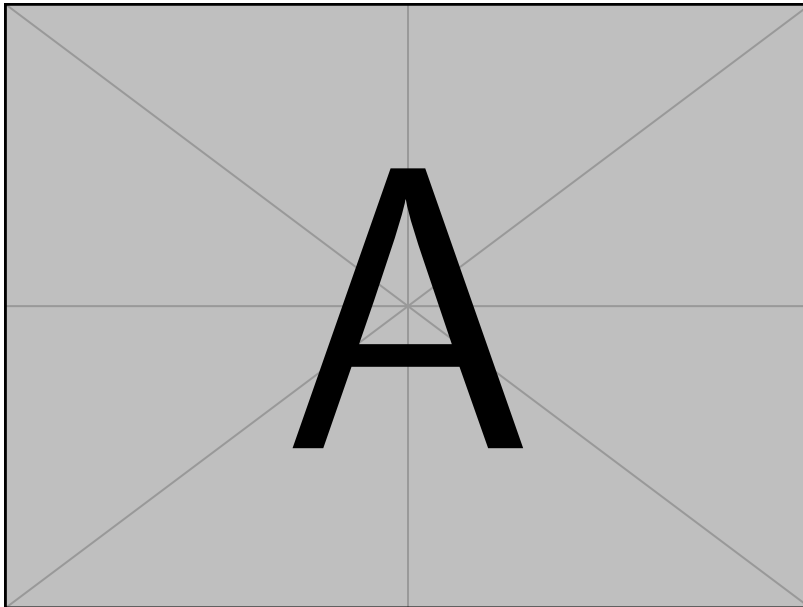


6 Problem 6: Exploration (Bonus) [2.5pts]

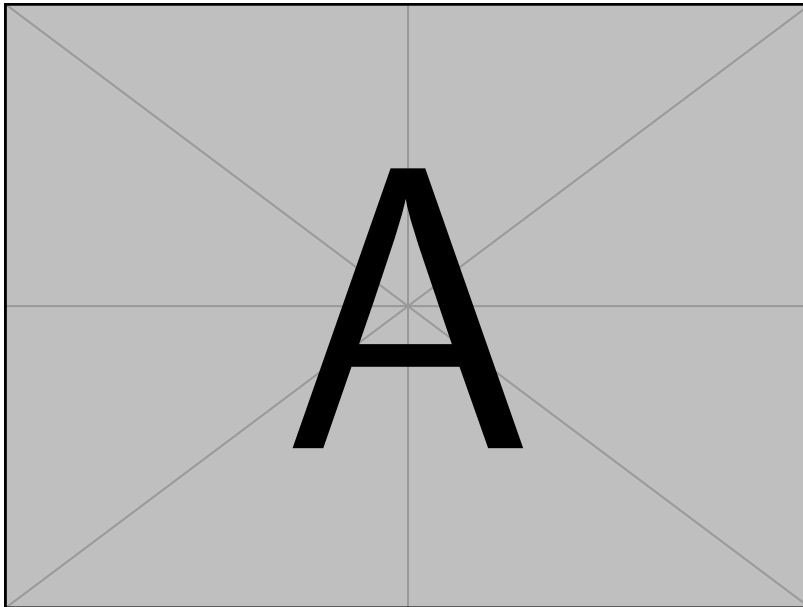
Plot 1



Plot 2



Plot 3



Plot 4

