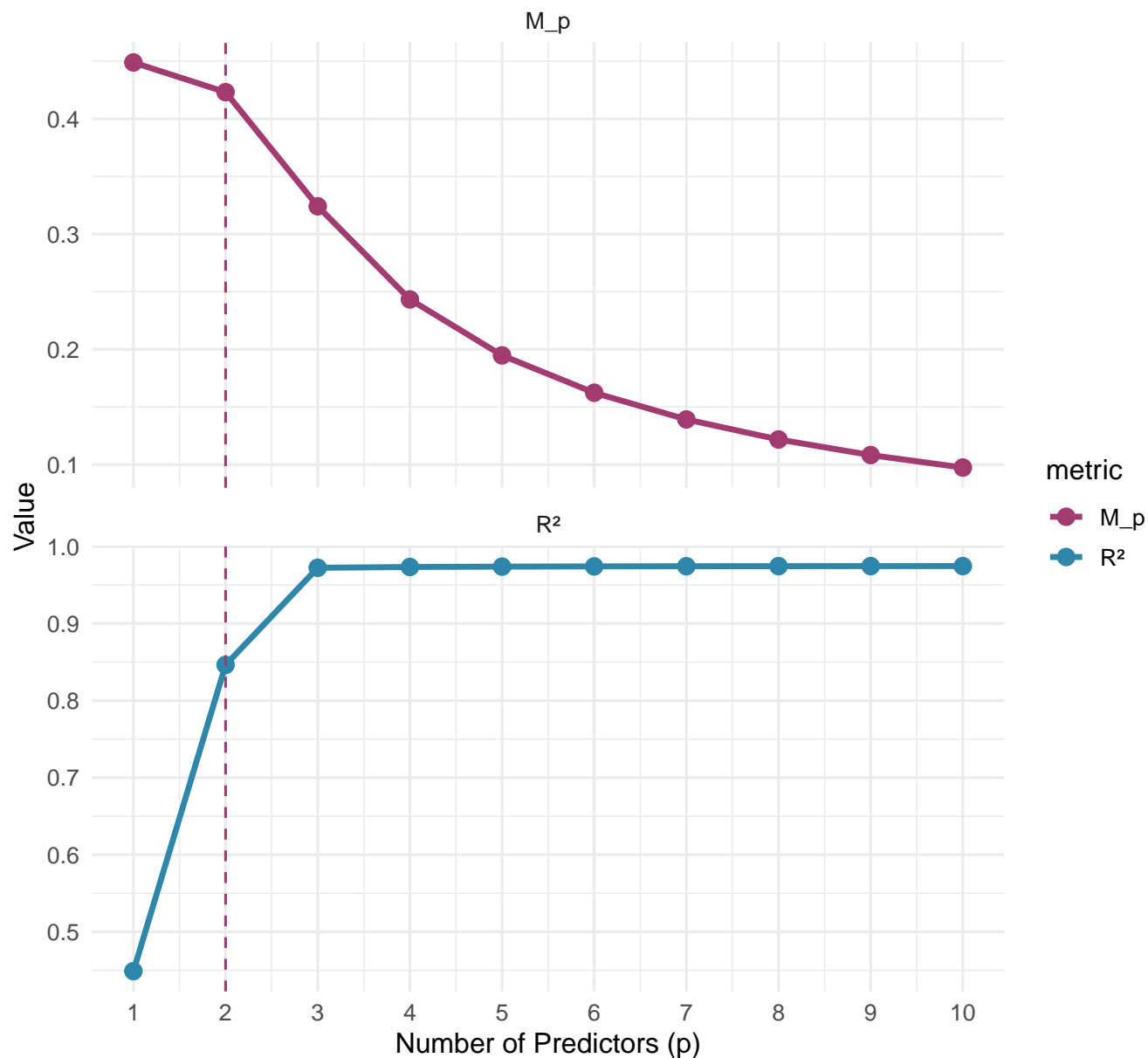


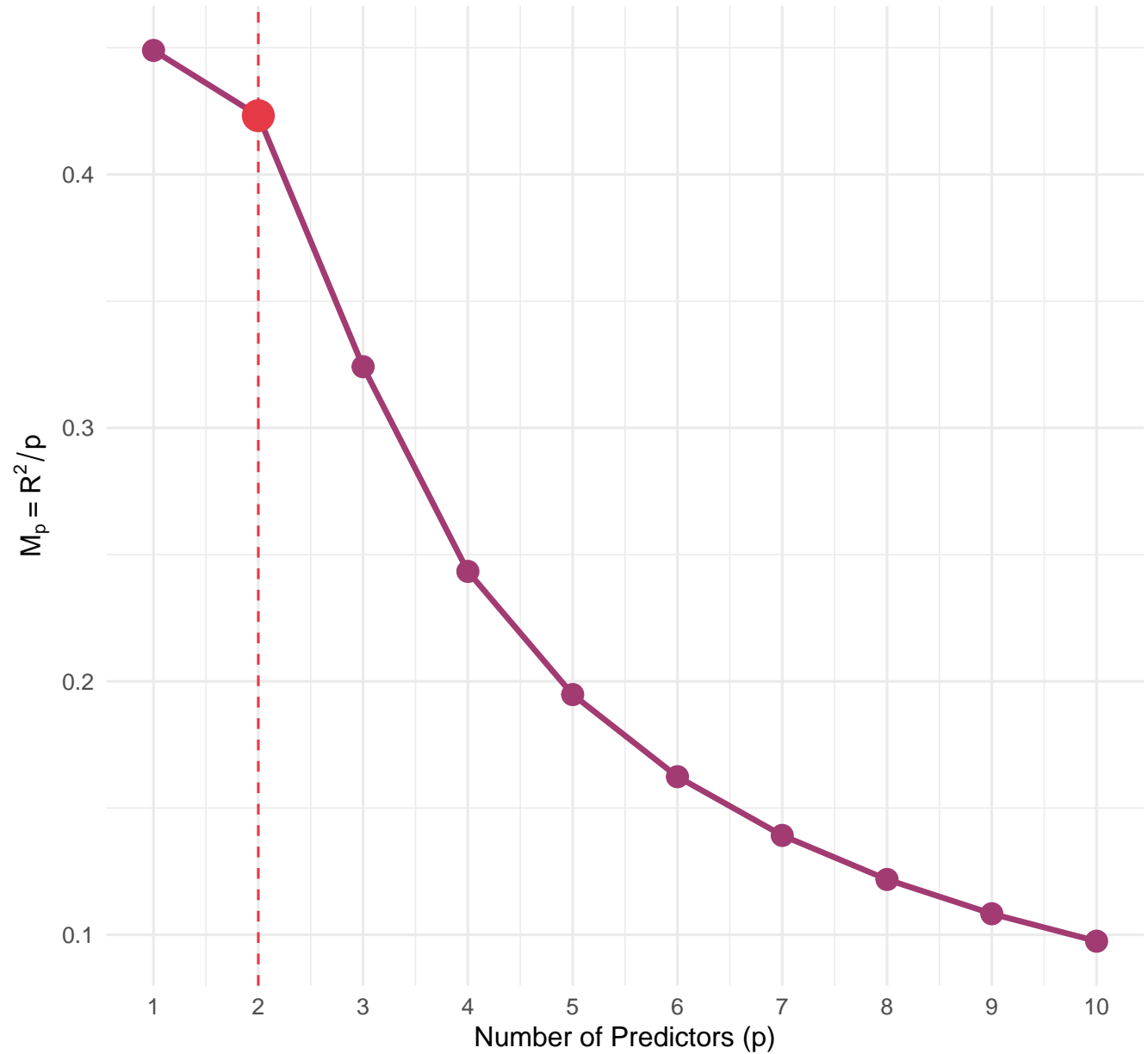
# Model Selection: $R^2$ and $M_p$ vs Model Complexity

Optimal complexity:  $p^* = 2$

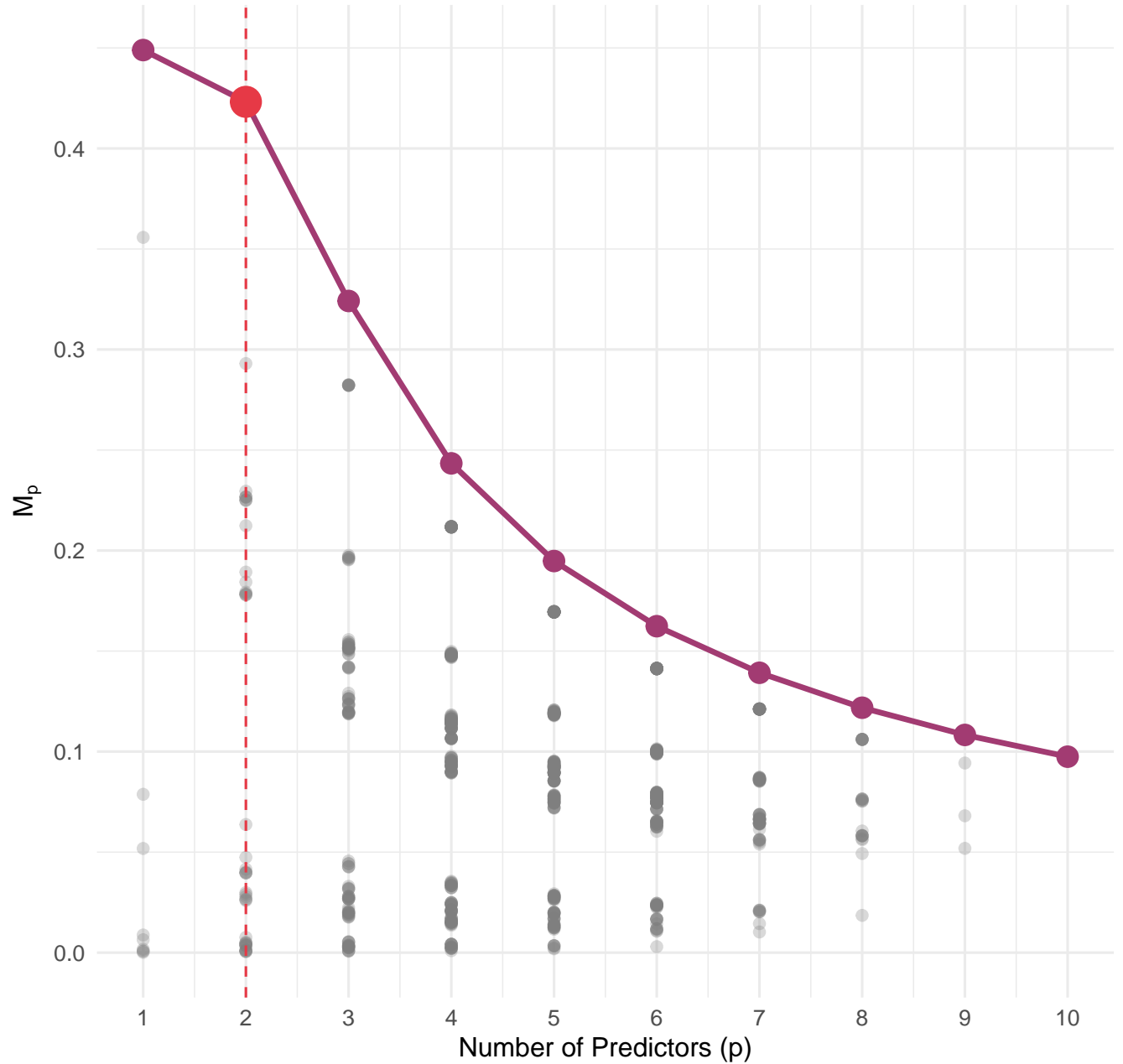


# M\_p Efficiency Curve

Explained variance per parameter vs. model complexity



M<sub>p</sub> Values for All Possible Models



# Model Selection Criteria Comparison

Optimal:  $M_p \rightarrow p=2$ , AIC  $\rightarrow p=4$ , BIC  $\rightarrow p=3$

