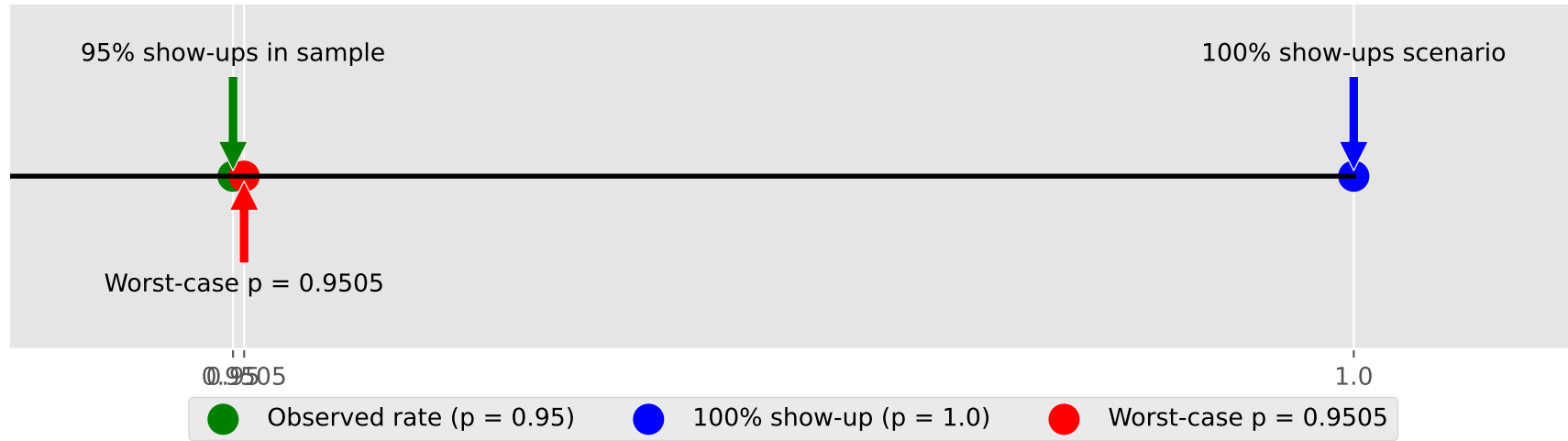


[0,1] Interval Visualization (as Suggested in the Hint)



Joint Probability of Both Events (Maximum at p = 0.950495)

