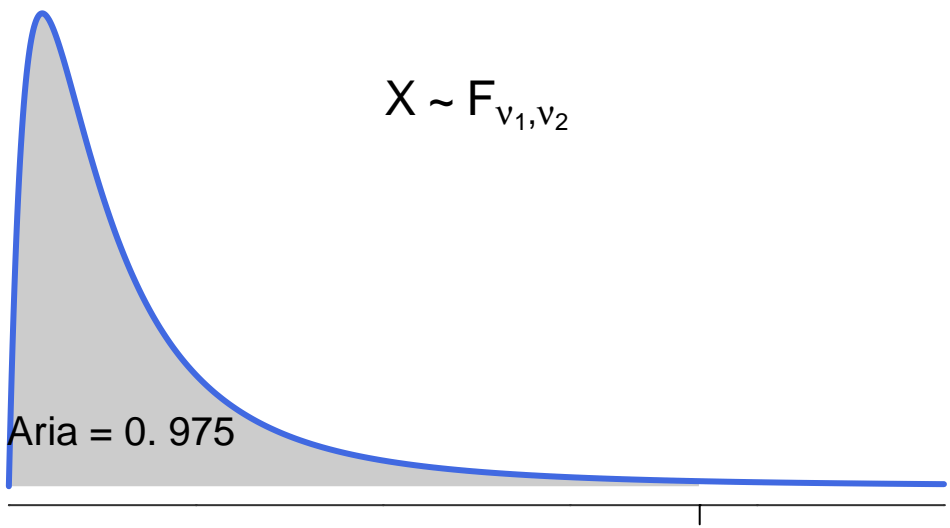


$$X \sim F_{v_1, v_2}$$

Aria = 0.975

$F_{v_1, v_2, 0.975}$



The figure shows a probability density function (PDF) of an F-distribution, $X \sim F_{v_1, v_2}$. The curve is blue and starts at a high value on the y-axis, decreases rapidly, and then levels off as it approaches the x-axis. The area under the curve from the y-axis to a point on the x-axis is shaded in light gray. This shaded area is labeled 'Aria = 0.975'. The point on the x-axis is marked with a vertical line and labeled $F_{v_1, v_2, 0.975}$. The x-axis is represented by a horizontal line with a tick mark at the critical value.