A3 Q1.2

If $\frac{\lambda_r}{\lambda_s} = 0$, then $1 - \frac{\lambda_r}{\lambda_s} = 1$. Therefore, we always reject.

If $\frac{\lambda_r}{\lambda_s} = 1$, then $1 - \frac{\lambda_r}{\lambda_s} = 0$. Therefore we never reject

As we increase $\frac{\lambda_r}{\lambda_s}$ from 0 to 1, we are less likely to reject.