3. When to Stop beam search
The highest scorny beam By scores marse than or equal to bester
Define S(Bt) be to score of a beam Be. Then
$S(Re) \leq best_{\leq t}$
Assuming at another time t' that t'>t. and S(Bt) SS(Bt) as probability value are always SI
S(Bei) S S(Be)
MANCE
$S(Be') \leq (bests t)$
proved.