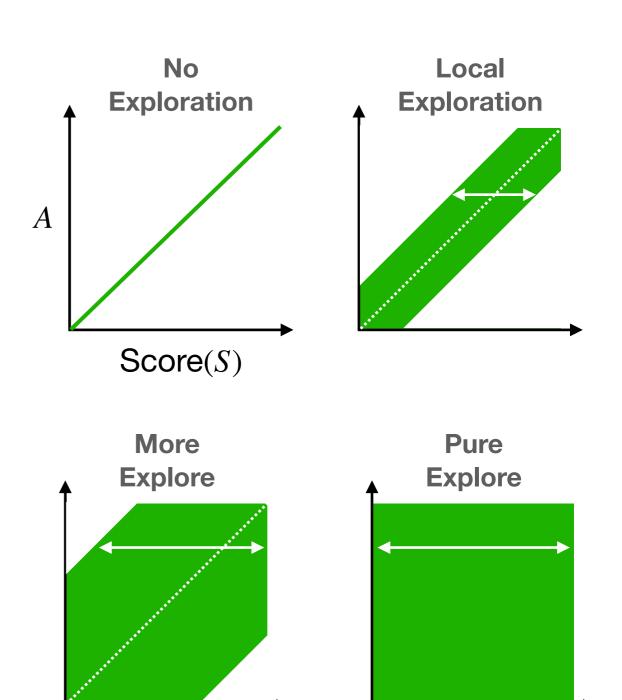
- Typically we only put highest scoring items in top positions.
- We can never know if lower scoring items might be useful for users in higher positions without exploration.
- Exploration bears costs: we have to sometimes take actions that are sub-optimal.
- Decouples A from S, allowing us to estimate effect of setting A: E[Y|S, do(A)]



Overlap in SpAce

