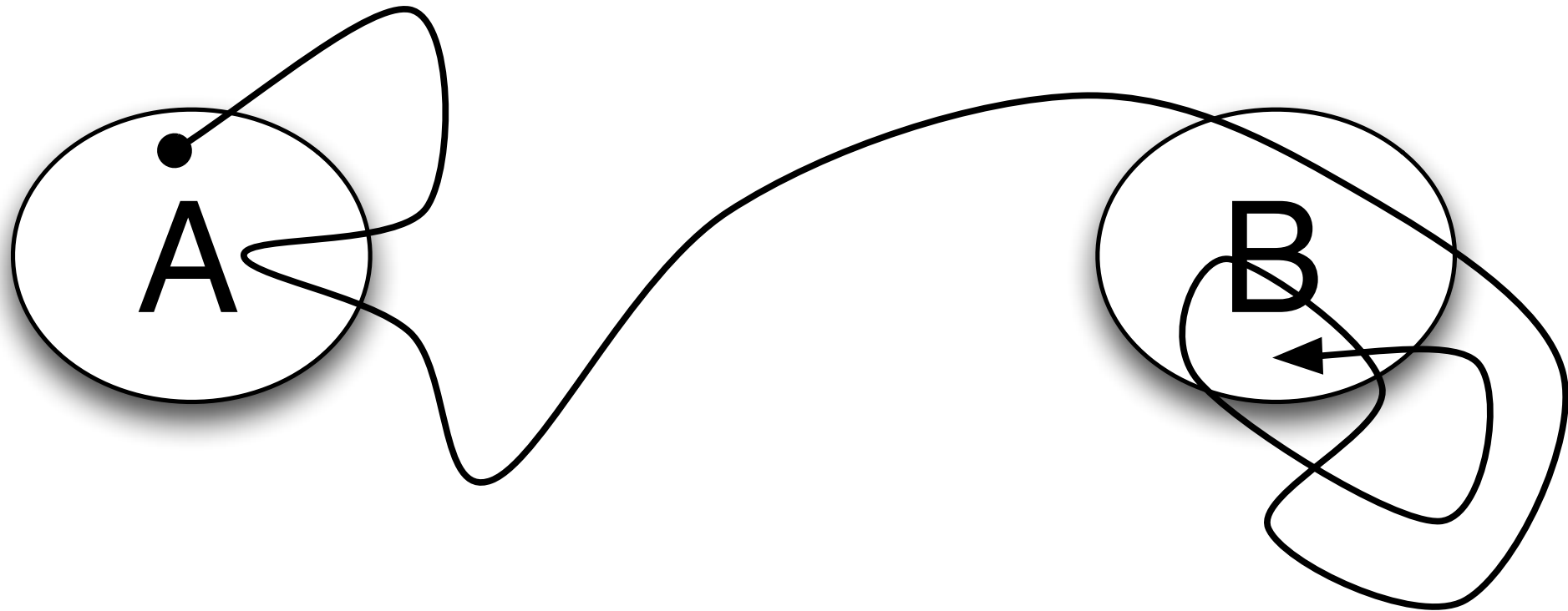
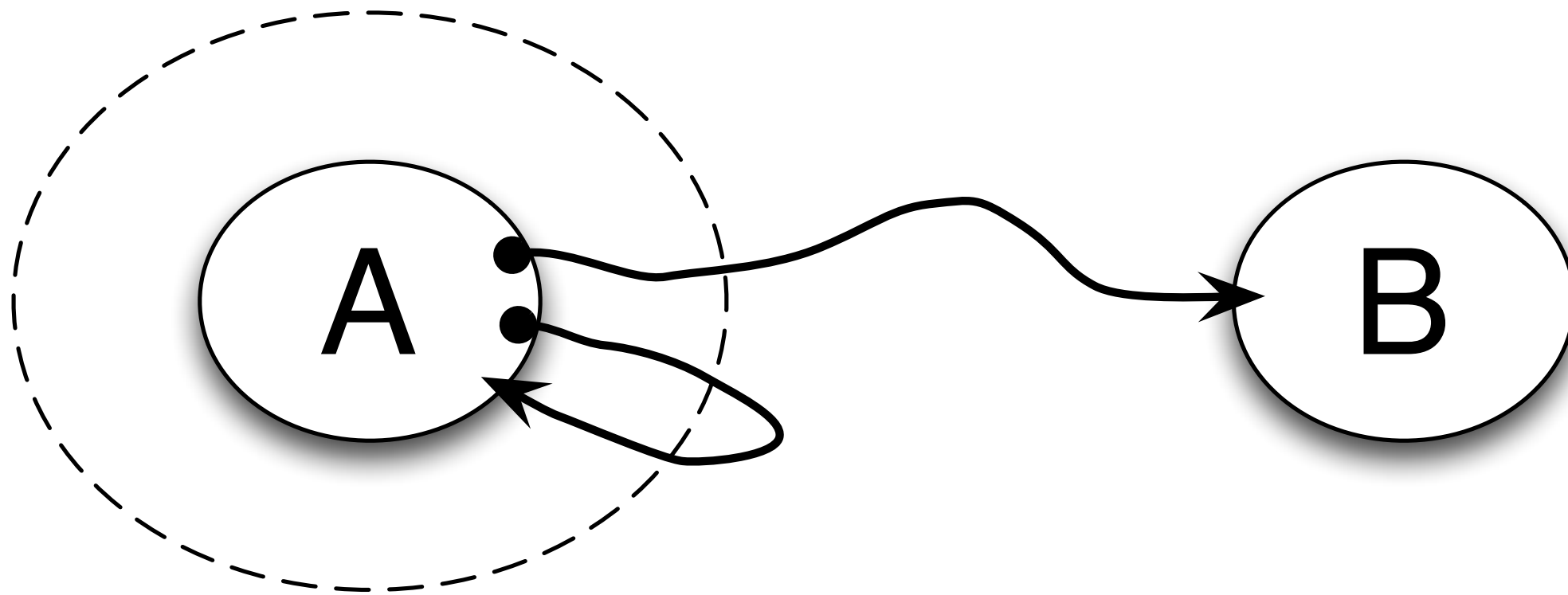


Path ensemble: TPS



Length(1) & AllIn(A),
Length(L-2),
Length(1) & AllIn(B)

Path ensemble: TIS



$\text{Length}(1) \ \& \ \text{AllIn}(A),$
 $\text{AllOut}(A \mid B) \ \& \ \text{PartOut}(\text{interface}),$
 $\text{Length}(1) \ \& \ \text{AllIn}(A \mid B)$