Closest Points

• Why do you only need to check next and not previous?
• Next ___ points? (Remember no two points in L or R are closer than $\delta$)
• We assume no two points have the same x-coordinate. Where did we use this assumption?
Exchange Argument

1. If $\sigma^*$ has objective value $A_{\sigma^*}$ and $\sigma^{*'}$ has objective value $A_{\sigma^{*'}}$, write as simple an expression as possible relating $A_{\sigma^*}$ and $A_{\sigma^{*'}}$ (using $w_i$’s and $t_i$’s).