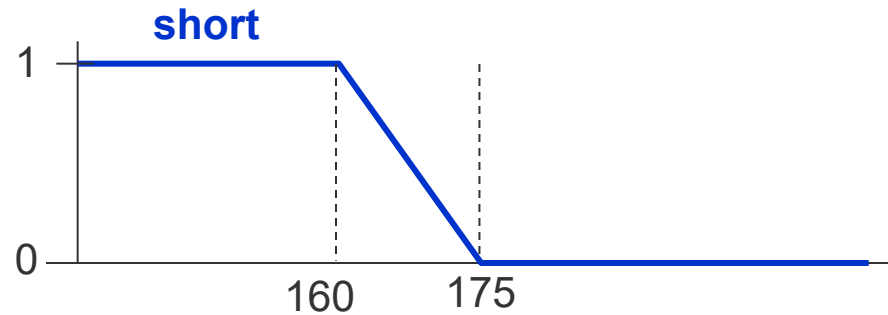


Exercise: Fuzzy Sets for Size of People (2)

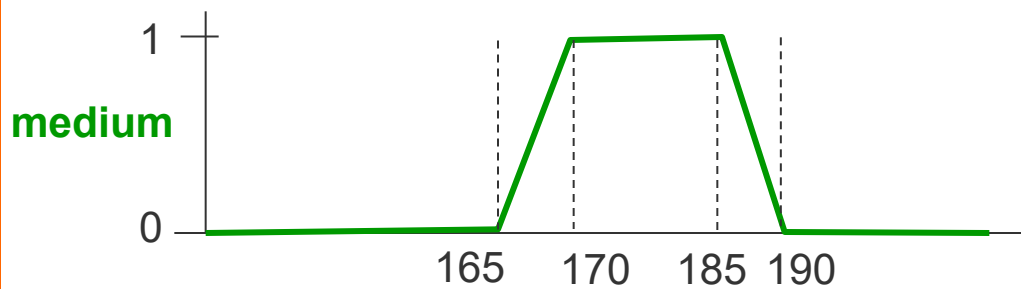
- Draw the following fuzzy sets of people:
 - ◆ NOT short
 - ◆ NOT medium
 - ◆ NOT tall
 - ◆ short UNION not tall
 - ◆ not short INTERSECTION not tall

- Is (NOT short INTERSECTION NOT tall) = medium?

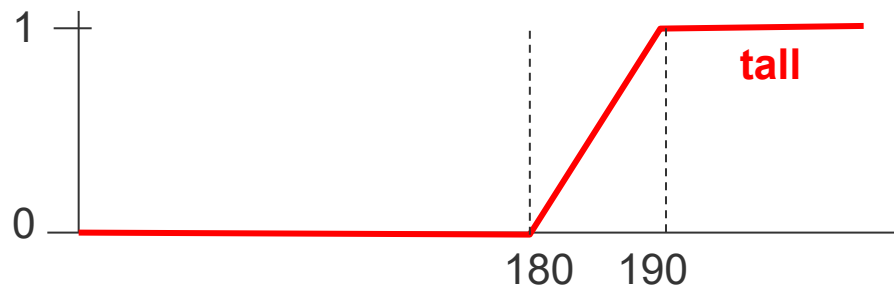
Solution: Fuzzy Sets for Size of People (2)



not short

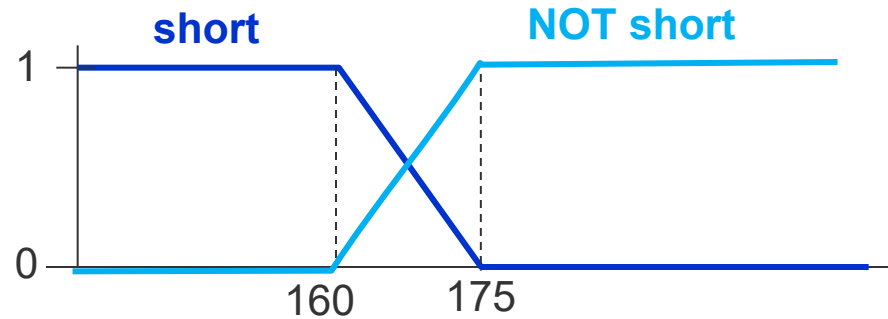


not medium

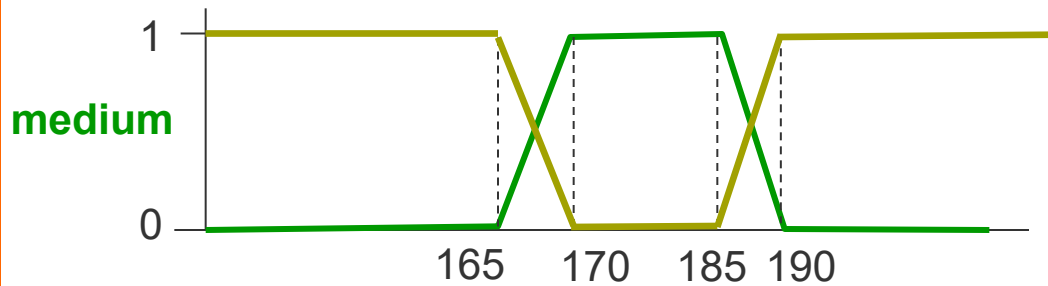


not tall

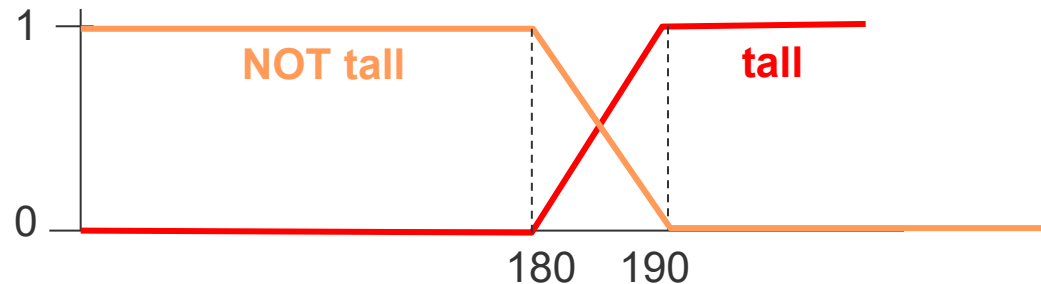
Solution: Fuzzy Sets for Size of People (2)



NOT short

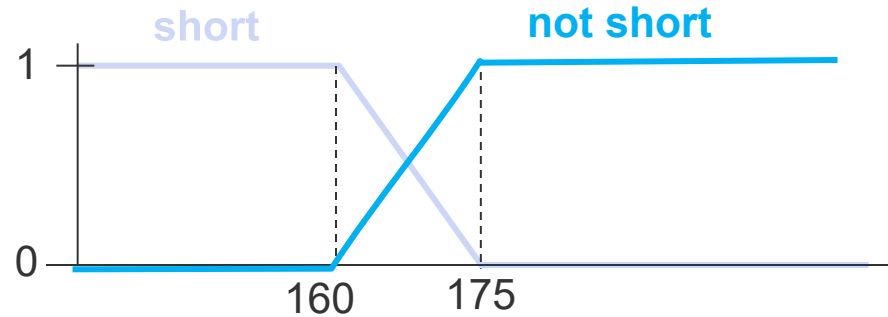


NOT medium

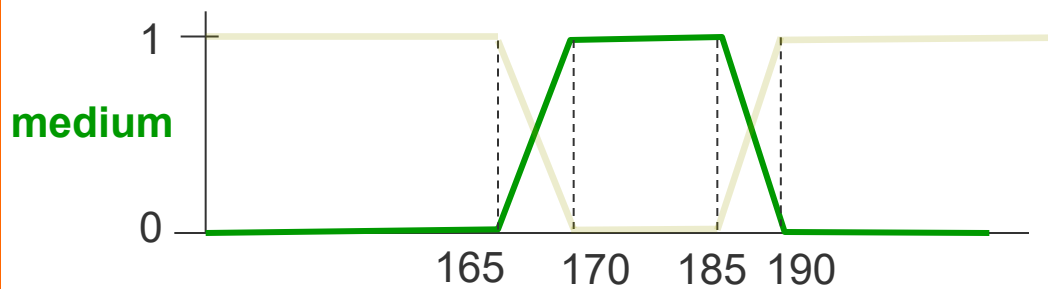


NOT tall

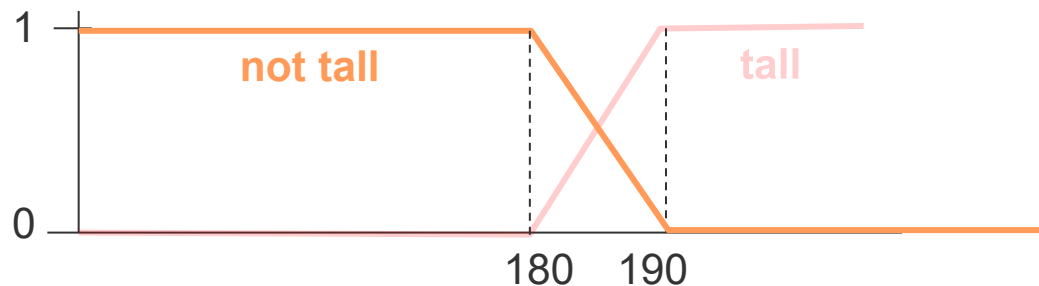
Solution: Fuzzy Sets for Size of People (2)



not short



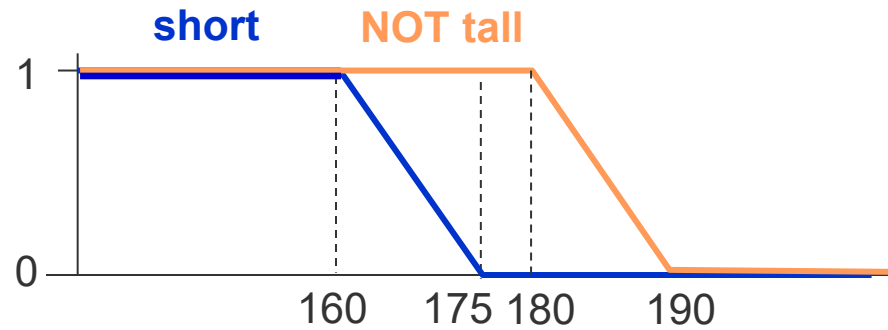
not medium



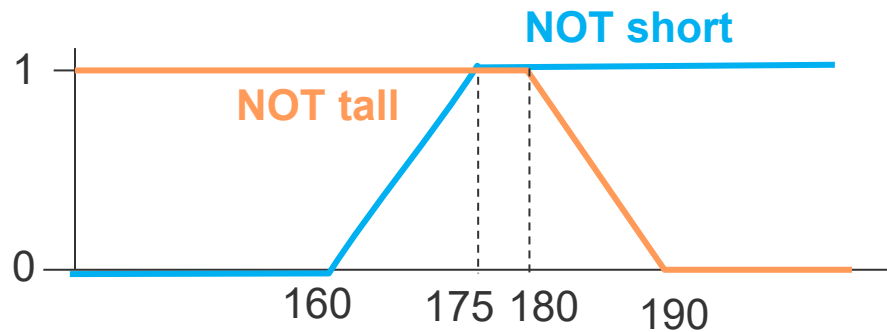
not tall



Solution: Fuzzy Sets for Size of People (2)



$(\text{short} \cup \text{NOT tall}) = \text{NOT tall}$



$(\text{NOT short} \cap \text{NOT tall})$

$\neq \text{medium} !$

