\[ \text{sim}^{\text{avg}} \{A, B\}, T = (\text{sim}(A, A) + \text{sim}(B, B)) \times 0.5 = (0 + 2) \times 0.5 = 1 \]
\[ \text{sim}^{\text{avg}} \{A, C\}, T = (\text{sim}(A, A) + \text{sim}(C, C)) \times 0.5 = (0 + 4) \times 0.5 = 2 \]
\[ \text{sim}^{\text{avg}} \{A, D\}, T = (\text{sim}(A, A) + \text{sim}(D, C)) \times 0.5 = (0 + 4) \times 0.5 = 2 \]
\[ \text{sim}^{\text{avg}} \{B, C\}, T = (\text{sim}(B, B) + \text{sim}(C, C)) \times 0.5 = (2 + 4) \times 0.5 = 3 \]
\[ \text{sim}^{\text{avg}} \{B, D\}, T = (\text{sim}(B, B) + \text{sim}(D, C)) \times 0.5 = (2 + 4) \times 0.5 = 3 \]
\[ \text{sim}^{\text{avg}} \{C, D\}, T = (\text{sim}(C, C) + \text{sim}(D, C)) \times 0.5 = (4 + 4) \times 0.5 = 4 \]