

```

def minimum_changes_to_breakfasts(T):
    for _ in range(T):
        N = int(input())
        changes = 0
        breakfasts = []

        for _ in range(N):
            A, C, L, R = map(int, input().split())
            breakfasts.append((A, C, L, R))

        breakfasts.sort(key=lambda x: x[0])

        max_attractiveness = -1

        for breakfast in breakfasts:
            A, C, L, R = breakfast
            if C > max_attractiveness:
                if not (L <= A <= R):
                    changes += 1
                    max_attractiveness = R
            else:
                changes += 1

        print(changes)

# Read the number of test cases
T = int(input())

# Call the function to solve the problem
minimum_changes_to_breakfasts(T)

```