Decision for instance: **Fairness-Based Reject**

(1)

Instance #235

race = White, **sex = Male**

age = *50-59*
marital_status = *Married*
education = *High School or GED Diploma*
workinghours = *More than 50*
workclass = *private*
occupation = *Transport*

income = *high*

GLU score = 1.63

(2)

Uncertainty
❓
The **probability** for the predicted label is **0.51**

Group Unfairness
👥 vs. 👥
Relevant subgroup:
marital status = Married, **workinghours** = More than 50,
workclass = private, **sex** = Male, **race** = White
→ **income** = high
confidence : 0.78 **slift**: 0.34

Local Unfairness
🧍 vs. 🧍
Situation Testing Score: **0.8**
See analysis below

(3)

Similar Instances from Non-Favoured Group (White Women, Black Women, Black Men)
Out of 10 similar instances, 20.00% have a high income

50-59	Married	High School or GED Diploma	40-49	private	Transport	White	Female	low
50-59	Married	Started High School, No Diploma	More than 50	private	Transport	Black	Male	low
40-49	Married	Started High School, No Diploma	More than 50	private	Transport	White	Female	low
50-59	Married	High School or GED Diploma	40-49	private	Transport	White	Female	low
50-59	Married	Started College, No Diploma	40-49	private	Transport	Black	Female	low
50-59	Married	High School or GED Diploma	More than 50	private	Transport	Black	Male	low
50-59	Married	High School or GED Diploma	40-49	private	Transport	Black	Female	low

(4)

Similar Instances from Favoured Group (White Men)
Out of 10 similar instances, 100.00% have a high income

age	marital_status	education	workinghours	workclass	occupation	race	sex	income
50-59	Married	Started College, No Diploma	More than 50	private	Transport	White	Male	high
40-49	Married	High School or GED Diploma	More than 50	private	Transport	White	Male	high
50-59	Married	High School or GED Diploma	More than 50	private	Transport	White	Male	high
40-49	Married	High School or GED Diploma	More than 50	private	Transport	White	Male	high
50-59	Married	Started High School, No Diploma	More than 50	private	Transport	White	Male	high
40-49	Married	High School or GED Diploma	More than 50	private	Transport	White	Male	high