

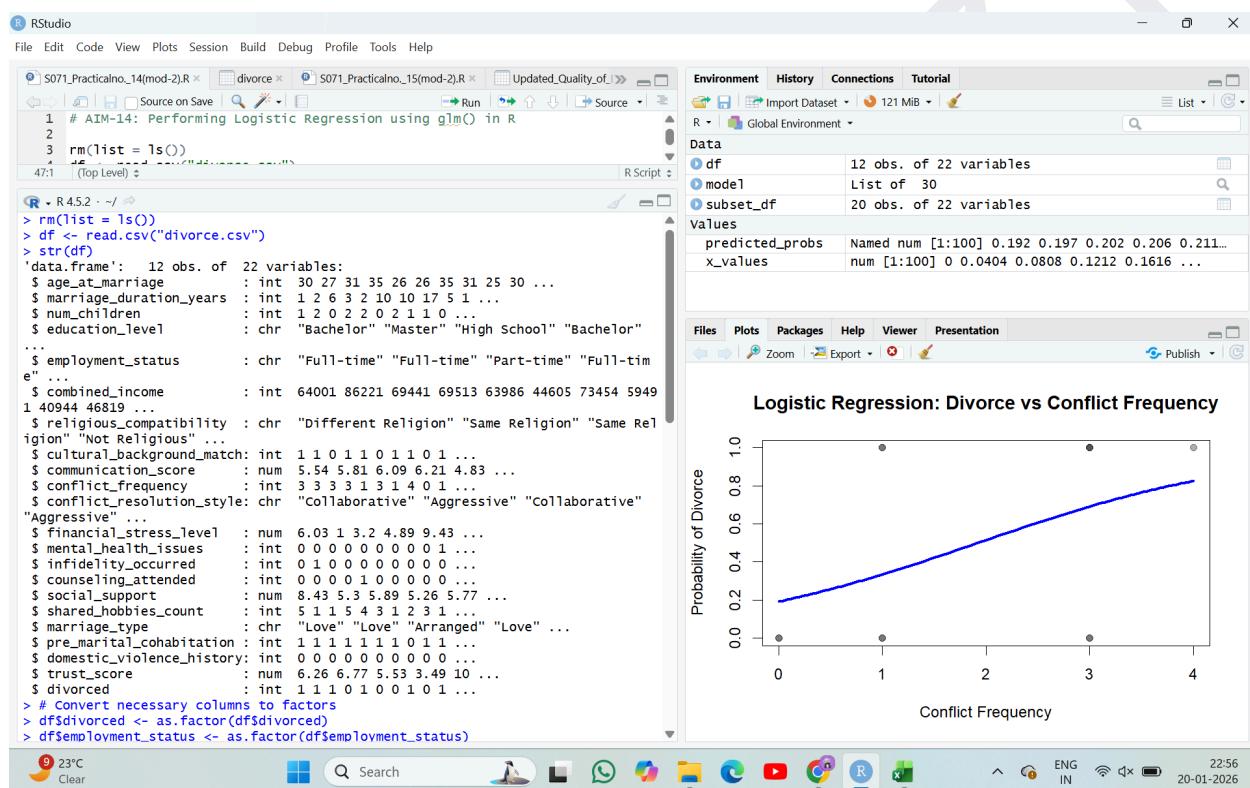
SHETH L.U.J AND SIR M.V COLLEGE

Subject: Data Analysis with SAS / SPSS /R

Practical no. 14

Aim: Performing logistic regression using `glm()` (R).

Outputs→



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RStudio interface showing R code and environment:

```
# AIM-14: Performing Logistic Regression using glm() in R
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```

Environment pane:

- df: 12 obs. of 22 variables
- model: List of 30
- subset_df: 20 obs. of 22 variables

Values pane:

- predicted_probs: Named num [1:100] 0.192 0.197 0.202 0.206 0.211...
- x_values: num [1:100] 0 0.0404 0.0808 0.1212 0.1616 ...

Plot titled "Logistic Regression: Divorce vs Conflict Frequency":

Conflict Frequency	Probability of Divorce
0	0.0
1	0.0
3	0.0
0	1.0
4	1.0

