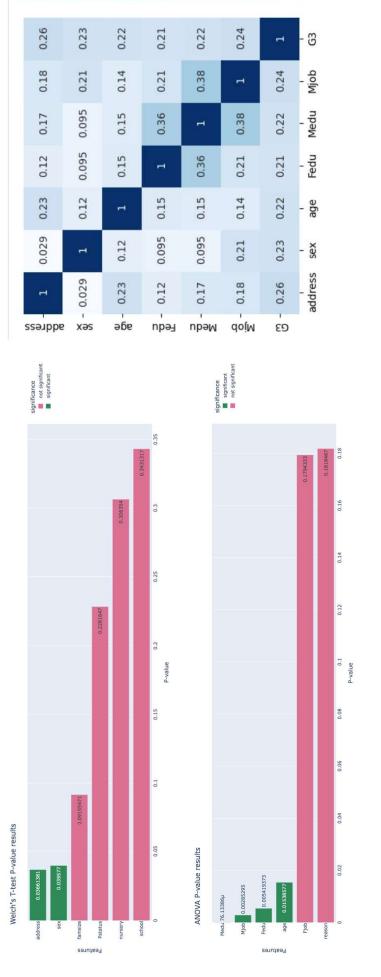
## Hypothesis 1 Confirmed:

Student's address, gender, age, father's education, mother's education, mother's job are background attributes that have statistical differences to a student's grades.



9.0

-0.4

- 0.2

1.0

Mother's Job and Mother's education level are moderately correlated.

correlated to each other.

• Mother's and father's education level (Medu & Fedu) are moderately

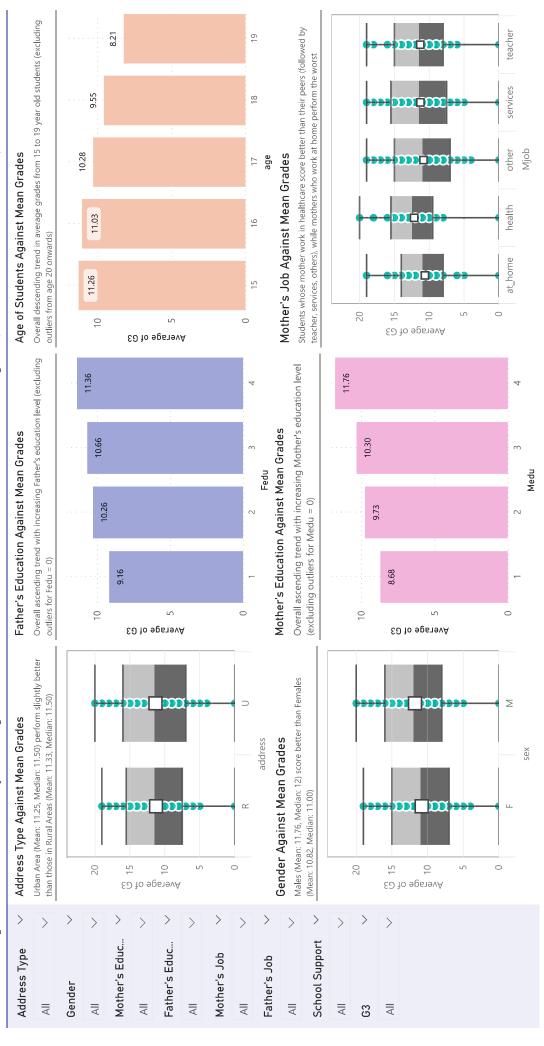
Further Correlation between Independent Variables:

- 0.8

Hypothesis 2 Debunked: Providing extra educational support to students does not result in them scoring better than their peers (T-Test).

Students with Different Background have Varying Levels of Mathematics Grades

Address, Gender, Age, Parent's education, Mother's job are background attributes that have statistical differences to student's mathematics grades (Outliers are indicated due to low count)



Students who received current additional school education support did not score better in Mathematics compared to their peers

Existing school support program will require reformations

