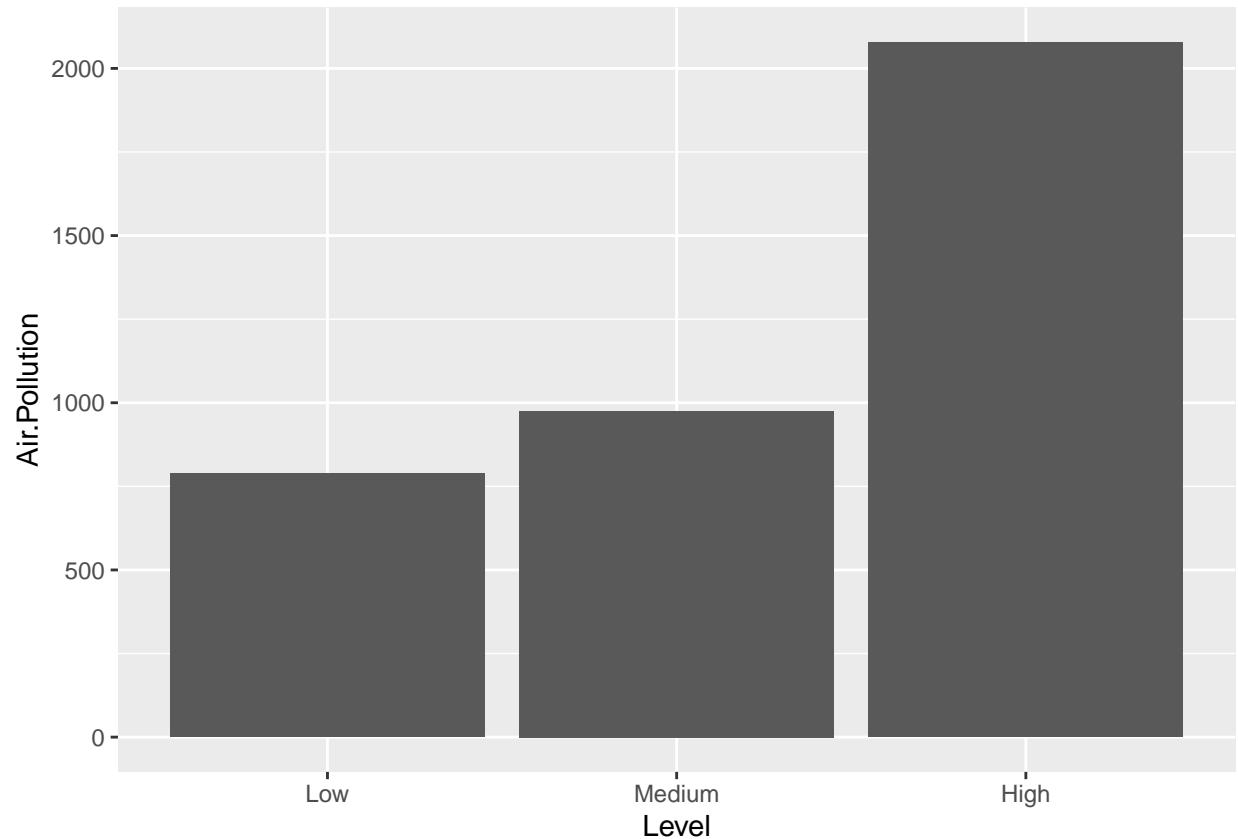


FinalProject

Eeman, Linda, Sofia

2025-11-06

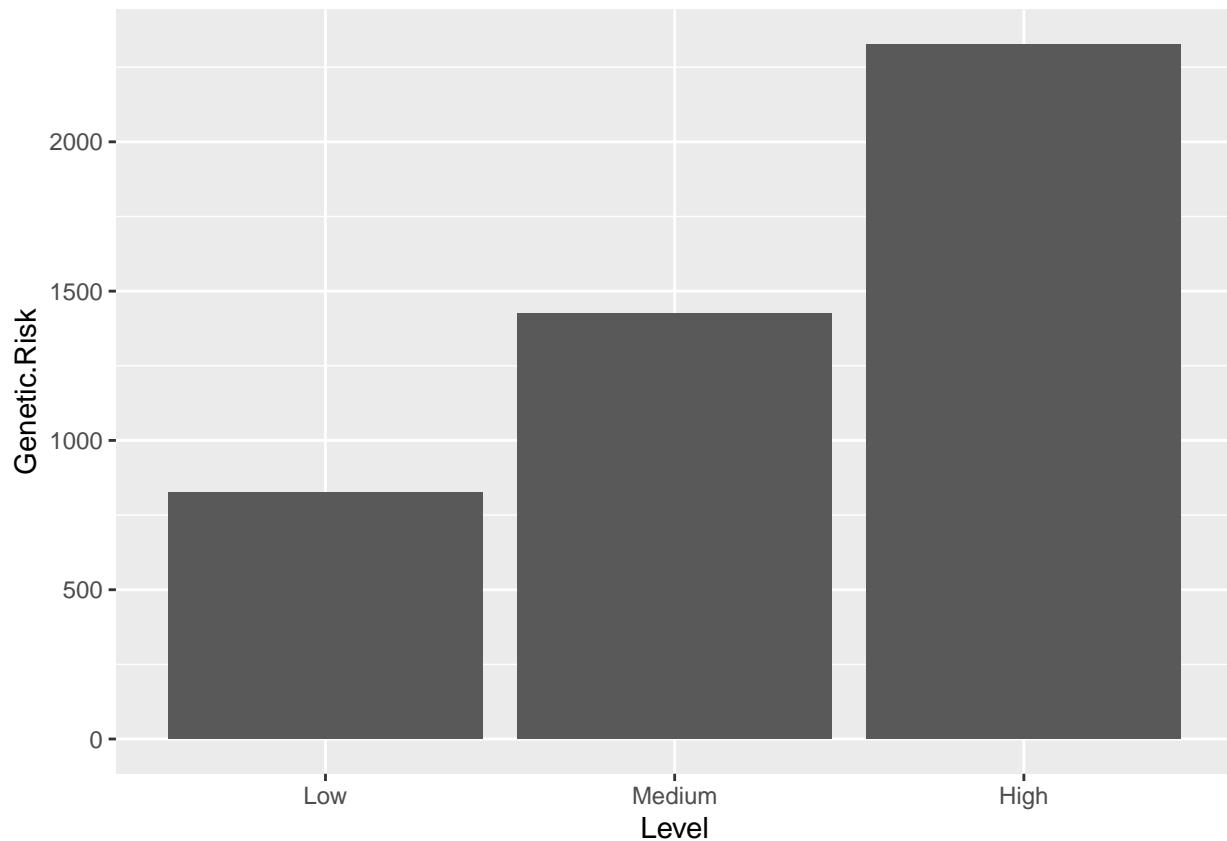


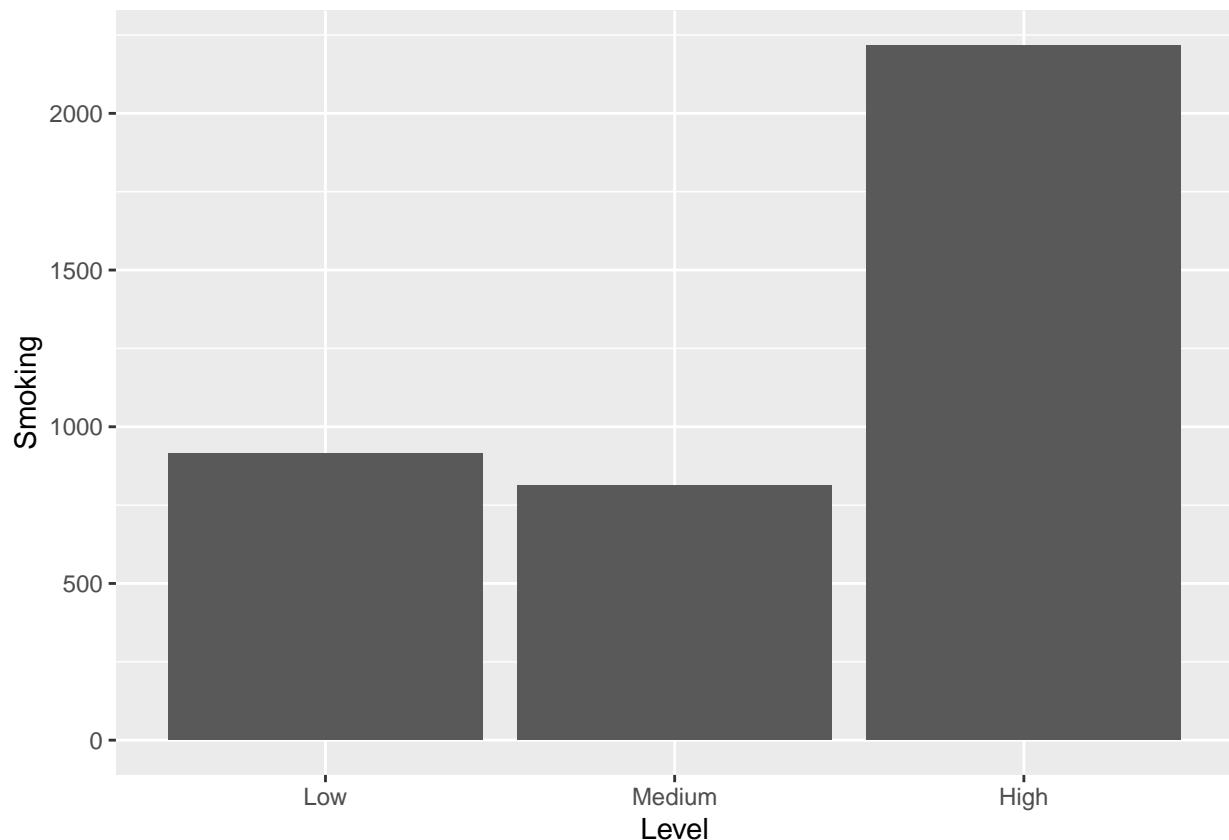
Logression Coefficients For Cancer Markers

	Estimate	Standard.Error	pValue
Intercept	-16.270	1.796	2.00e-16
Gender	1.928	0.476	5.14e-05
Genetic Risk	-0.258	0.142	7.10e-02
Age	-0.052	0.014	2.00e-04
Smoking	0.794	0.102	1.15e-14
Air Pollution	1.227	0.137	2.00e-16
Obesity	1.590	0.149	2.00e-16

Logression Coefficients For Cancer Symptoms

	Estimate	Standard.Error	pValue
Intercept	-9.427	0.6060	2.00e-16
Chest Pain	0.123	0.0810	1.27e-01
Coughing of Blood	1.291	0.1130	2.00e-16
Shortness of Breath	0.212	0.0666	1.00e-03





```
##  
##      Low Medium High  
## 1   40      0    0  
## 2  121     91    0  
## 3   92     81    0  
## 4   20     20    0  
## 5    0     20   80  
## 6   20     20   68  
## 7   10    100  217  
  
##  
## Pearson's Chi-squared test  
##  
## data: table(dat$Genetic.Risk, dat$Level)  
## X-squared = 632.14, df = 12, p-value < 2.2e-16
```

