WINE SAS

Multiple Regression

1. *T_phenols and Flavanoid*
   $R^2 = 0.719$

Variable	Type I Sum of Squares	Type II Sum of Squares
T_phenols	54.98839	0.07732
Flavanoid	21.45366	21.45366

2. *T_phenols, Flavanoid, and Alcalinity*
   $R^2 = 0.7748$

Variable	Type I Sum of Squares	Type II Sum of Squares
T_phenols	54.98839	0.13514
Flavanoid	21.45366	17.62682
Alcalinity	5.93246	5.9346

3. *Flavanoid, Alcalinity, and nofav_phenols*
   $R^2 = 0.7737$

Variable	Type I Sum of Squares	Type II Sum of Squares
Flavanoid	76.3672	42.60773
Alcalinity	5.87465	5.72561
Nofav_phenols	0.01627	0.01627

4. *Ash, Magnesium, and Alcohol*
   $R^2 = 0.1261$

Variable	Type I Sum of Squares	Type II Sum of Squares
Ash	0.26202	0.29061
Magnesium	4.40243	1.90739
Alcohol	8.74037	8.74037

5. *Flavanoid, Alcalinity, and Alcohol*
   $R^2 = 0.7791$

Variable	Type I Sum of Squares	Type II Sum of Squares
Flavanoid	76.36472	51.02089
Alcalinity	5.87465	4.64037
Alcohol	0.59740	0.59740

Random Forest