Sta 478 Project 1

Matthew Flanders

2/6/2022

Effect of Weekend Alcohol Consumption on Final Grade
Survey results of weekend alcohol consumption are from 1 – very low to 5 – very high
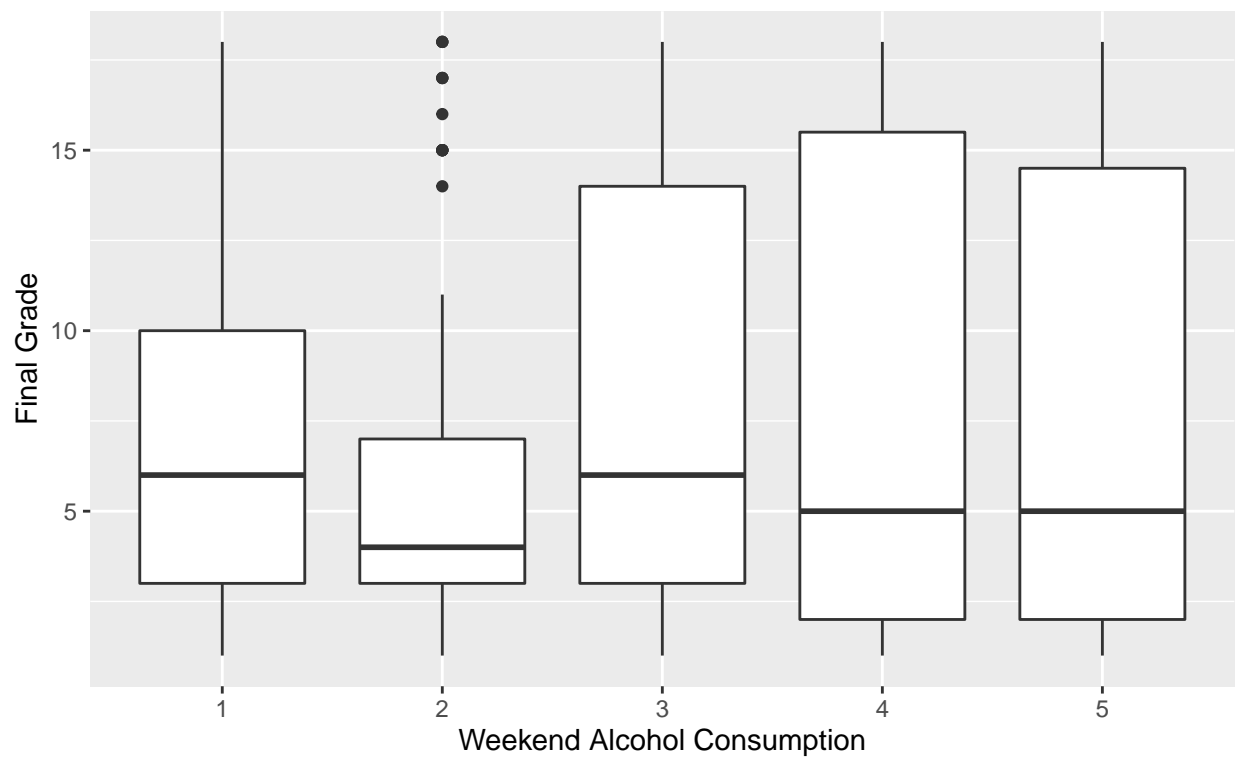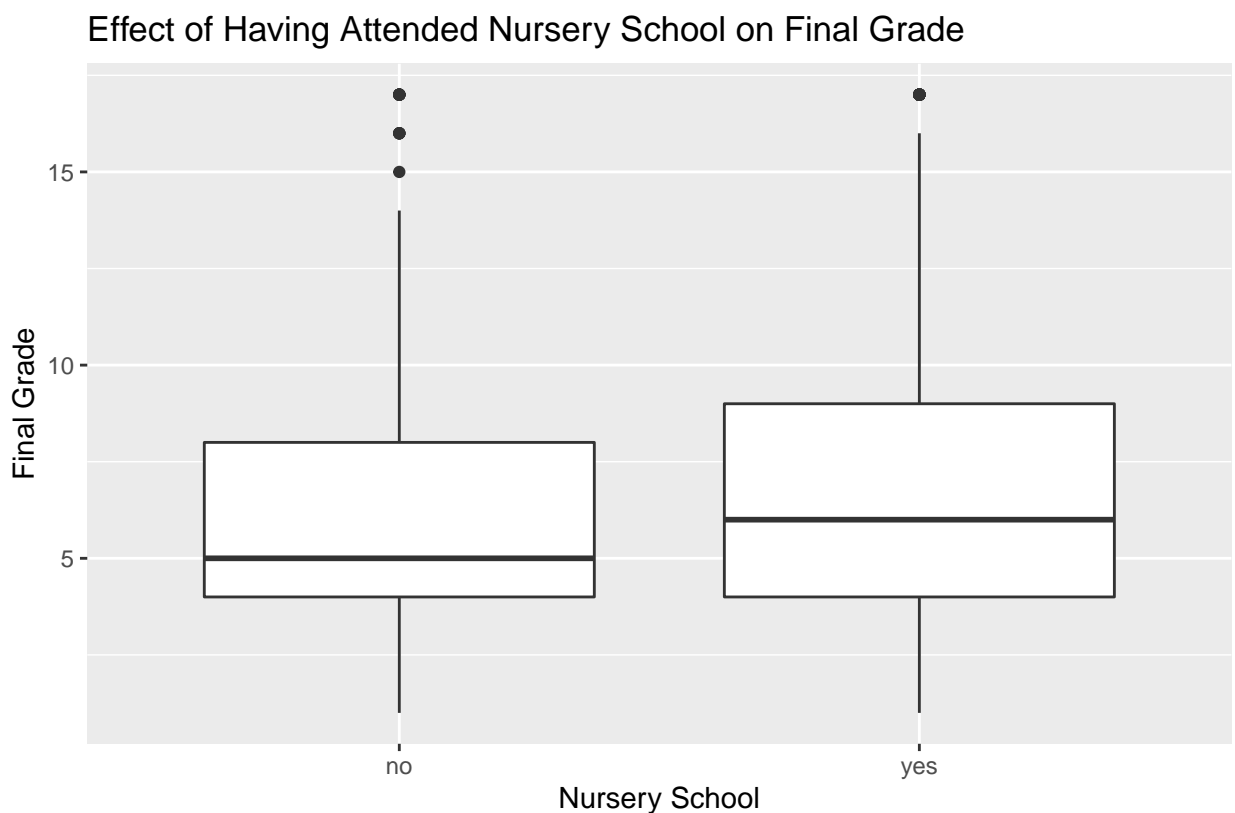

Table 1: 1-Way ANOVA Results(Final Grade ~ Weekend Alcohol Consumption)

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
Walc	4	190.5869	47.64672	1.469466	0.2107179
Residuals	390	12645.5650	32.42453	NA	NA

Effect of Having Attended Nursery School on Final Grade

abc

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
nursery	1	6.947937	6.947937	0.3972265	0.5287476
Residuals	647	11316.756223	17.491122	NA	NA

Effect of Attended Different Schools on Final Grade

abc
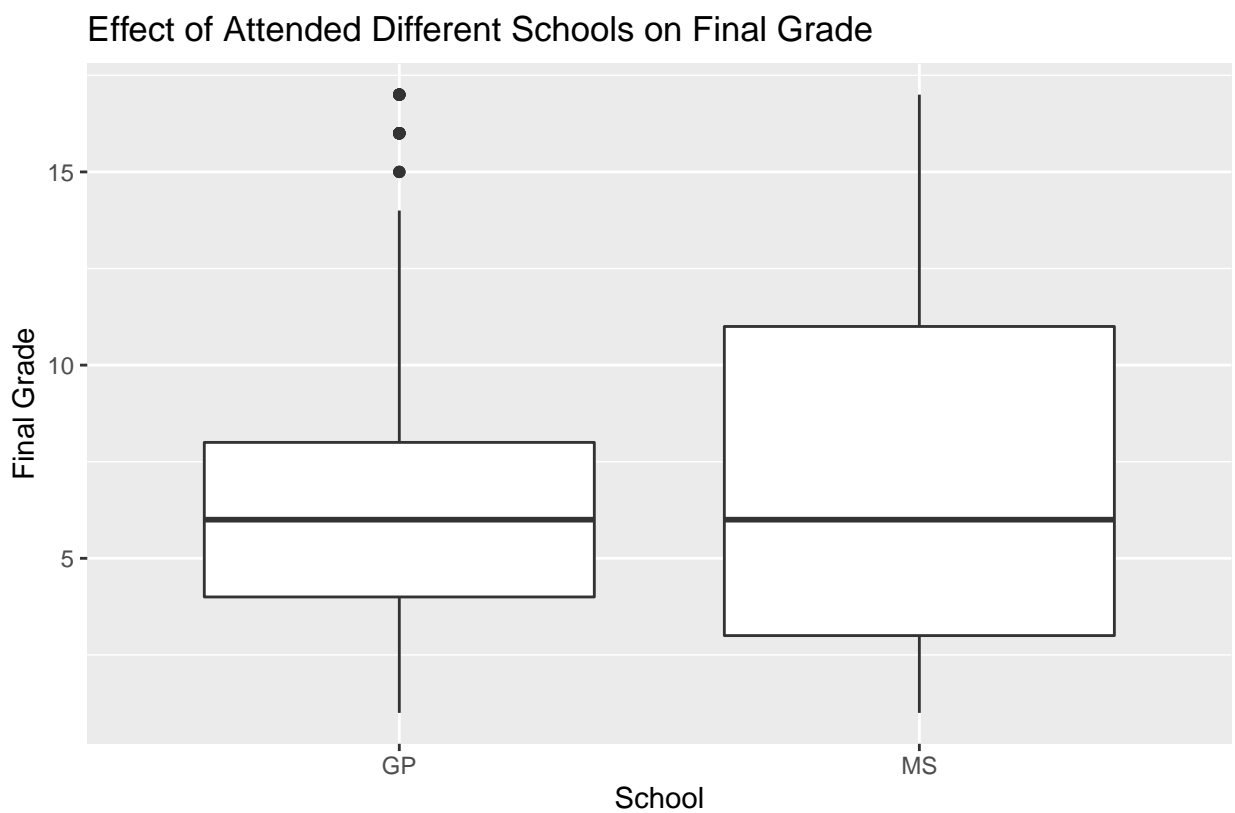
	Df	Sum Sq	Mean Sq	F value	Pr(>F)
school	1	162.8945	162.89453	9.443111	0.0022085
Residuals	647	11160.8096	17.25009	NA	NA

Effect of Having Extra Educational Support on Final Grade
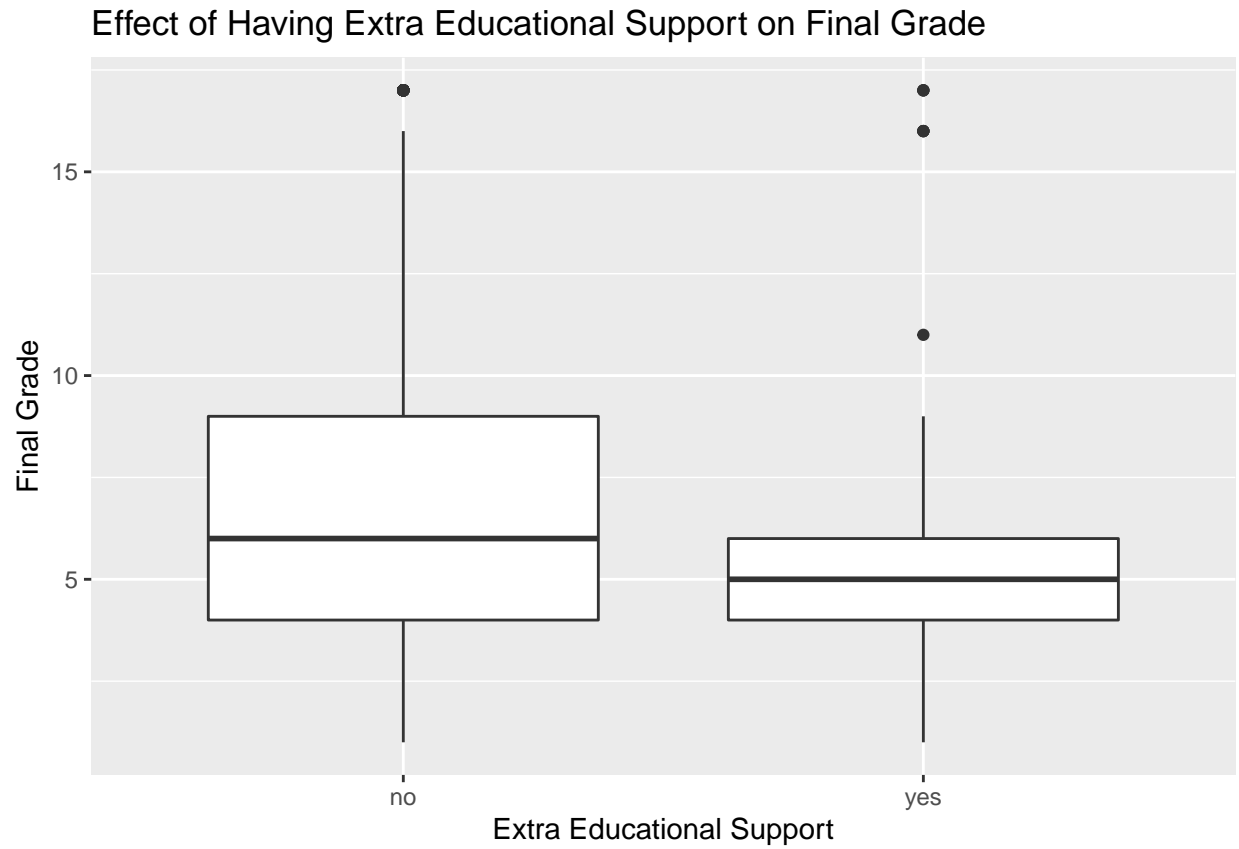
	Df	Sum Sq	Mean Sq	F value	Pr(>F)
schoolsup	1	92.49711	92.49711	5.328513	0.0212937
Residuals	647	11231.20705	17.35890	NA	NA

Effect of Having Attended Nursery School on Final Grade

abc

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
nursery	1	6.947937	6.947937	0.3972265	0.5287476
Residuals	647	11316.756223	17.491122	NA	NA