

Mixed ANOVA R Report

Within-subject factor: Grade_Period = G1, G2, G3
Between-subject factor: studytime

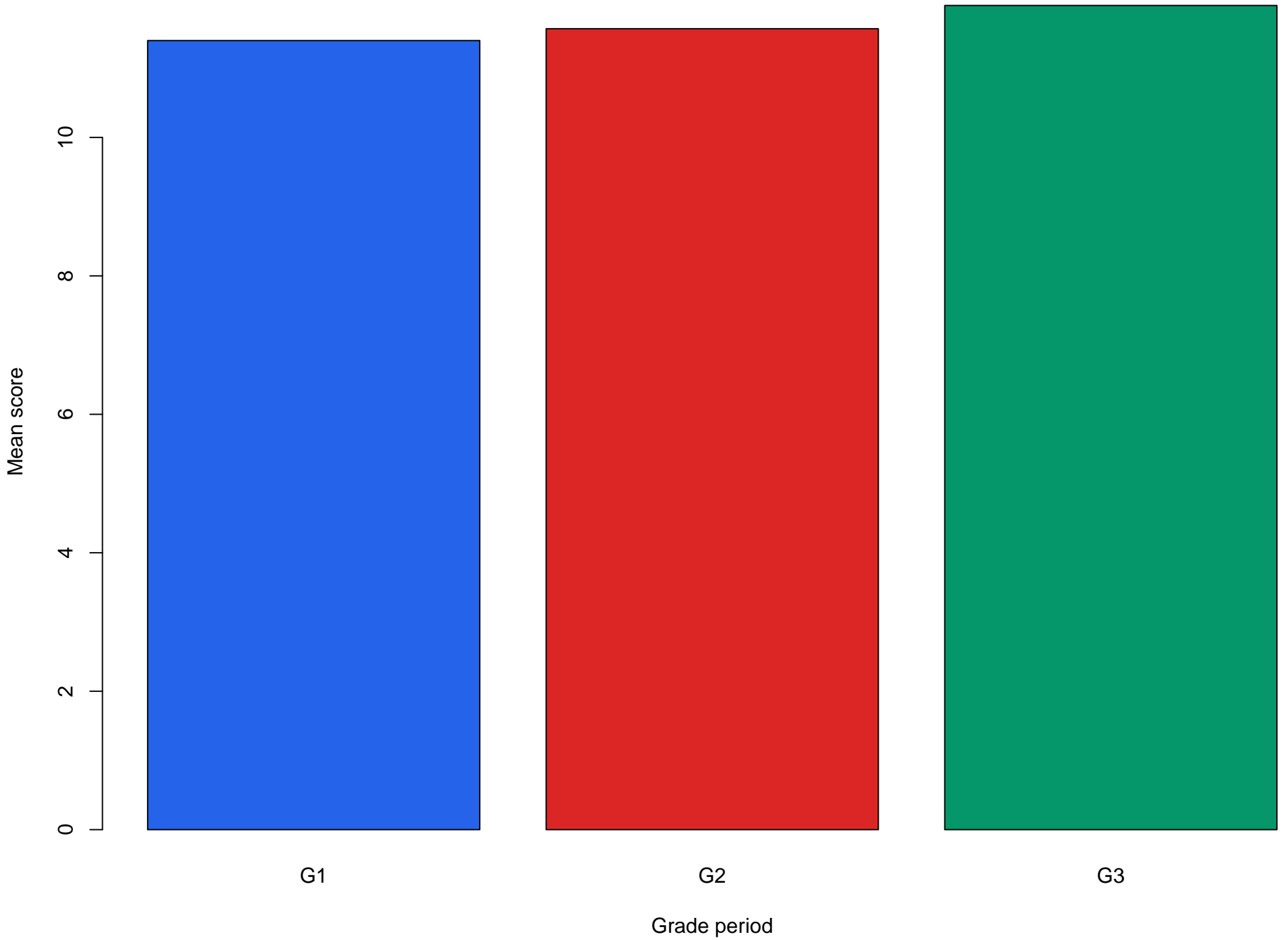
Model summary:

Model	Repeated_Measures	Within_Factor	Between_Factor	Subjects	Between_Groups
Mixed ANOVA / split-plot ANOVA		G1, G2, G3	Grade_Period	studytime	649
Within_Levels	Grand_Mean				4
	3	11.62506			

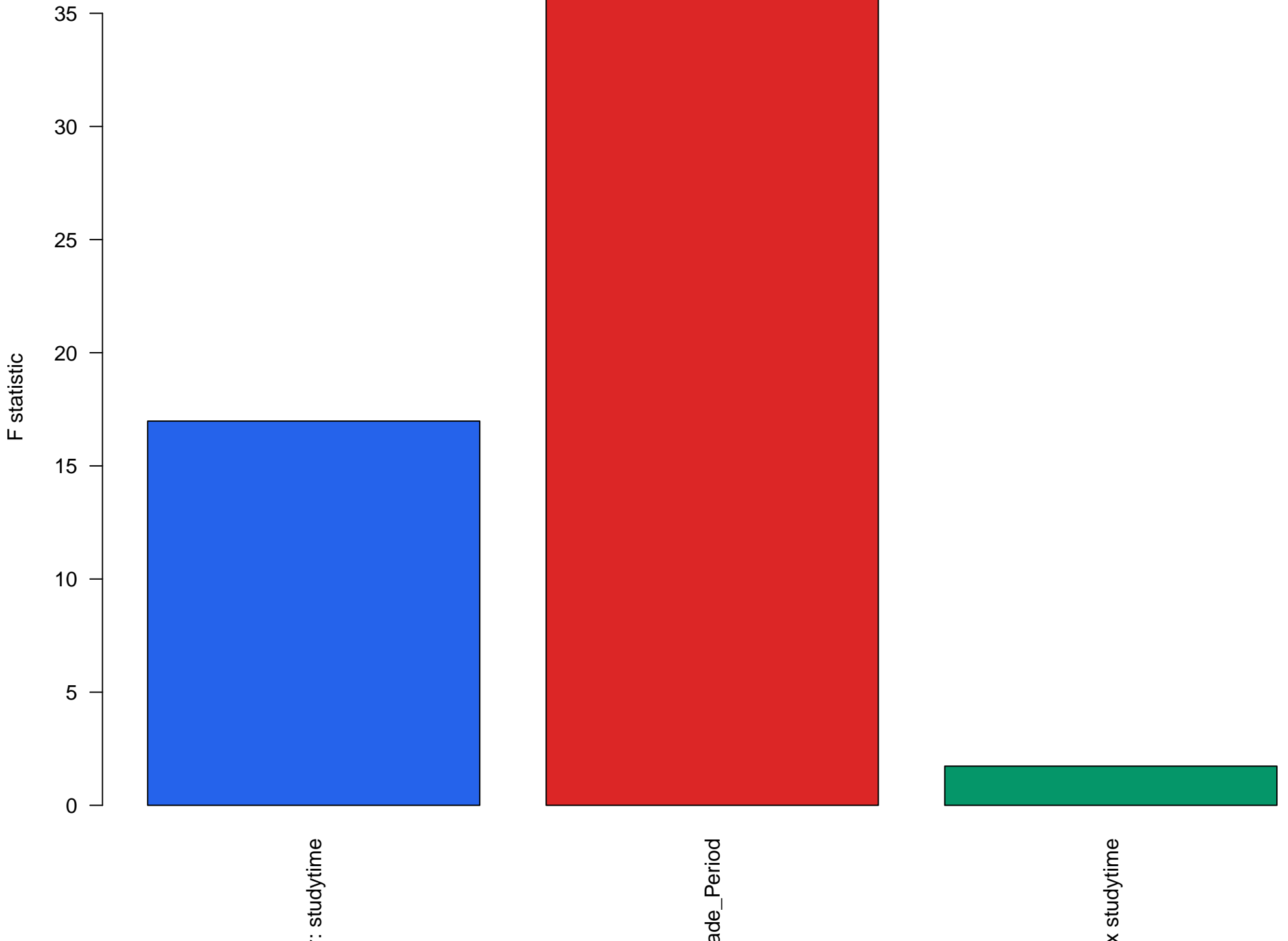
ANOVA tests:

Source	SS	df	MS	Error_Term	Error_SS	Error_df
Between factor: studytime	1142.26933	3	380.756443	Subject(studytime)	14464.028	645
Within factor: Grade_Period	86.33077	2	43.165383	Grade_Period x Subject(studytime)	1529.357	1290
Grade_Period x studytime	12.31241	6	2.052069	Grade_Period x Subject(studytime)	1529.357	1290
Error_MS	F	P_Value	Partial_Eta_Squared	Decision_alpha_0_05		
22.424849	16.979220	1.264142e-10	0.073192849	Reject H0		
1.185548	36.409648	4.146449e-16	0.053432833	Reject H0		
1.185548	1.730903	1.102930e-01	0.007986416	Fail to reject H0		

Mixed ANOVA: Overall Within-Subject Means



Mixed ANOVA: F Statistics



Mixed ANOVA: Overall Mean Trajectory

