

House Price Prediction

Team B

November 16, 2022

Table 1:

	<i>Dependent variable:</i>	
	AdjSalePrice	
	(1)	(2)
SqFtTotLiving	202.766*** (2.877)	202.906*** (2.857)
BldgGrade	97,573.830*** (2,227.820)	94,901.400*** (2,217.296)
ZipGroup	79,521.530*** (1,142.365)	
as.factor(ZipGroup)2		50,292.380*** (5,716.560)
as.factor(ZipGroup)3		108,101.700*** (5,019.663)
as.factor(ZipGroup)4		174,629.400*** (5,340.195)
as.factor(ZipGroup)5		327,892.000*** (4,898.939)
Constant	-852,923.100*** (13,351.420)	-729,031.600*** (13,436.110)
Observations	20,340	20,340
R ²	0.622	0.628
Adjusted R ²	0.622	0.627
Residual Std. Error	238,138.700 (df = 20336)	236,376.200 (df = 20333)
F Statistic	11,148.740*** (df = 3; 20336)	5,709.036*** (df = 6; 20333)

Note:

*p<0.1; **p<0.05; ***p<0.01

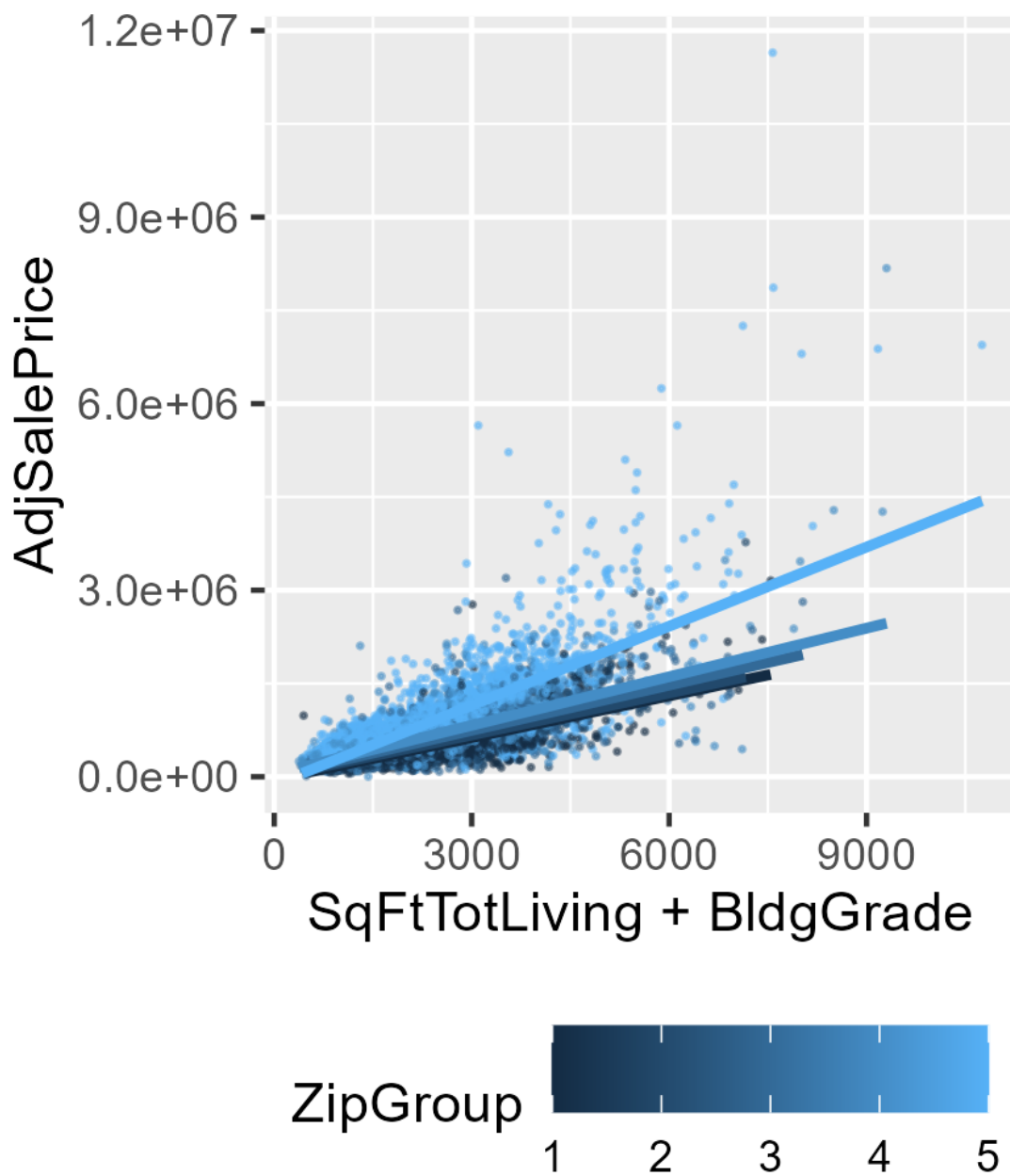


Figure 1: using building grade, living space and clustered ZipCode to predict house prices

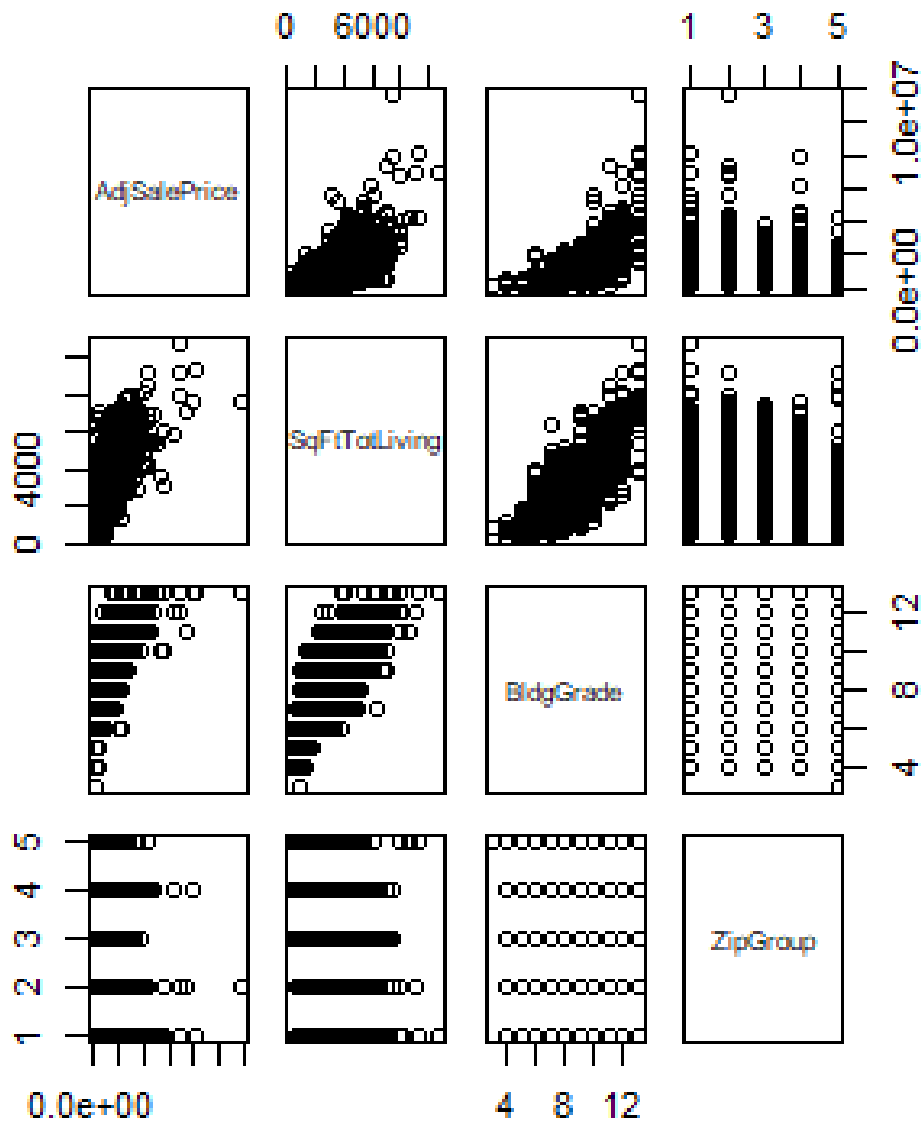


Figure 2: using building grade living space and ZipCode to predict house prices