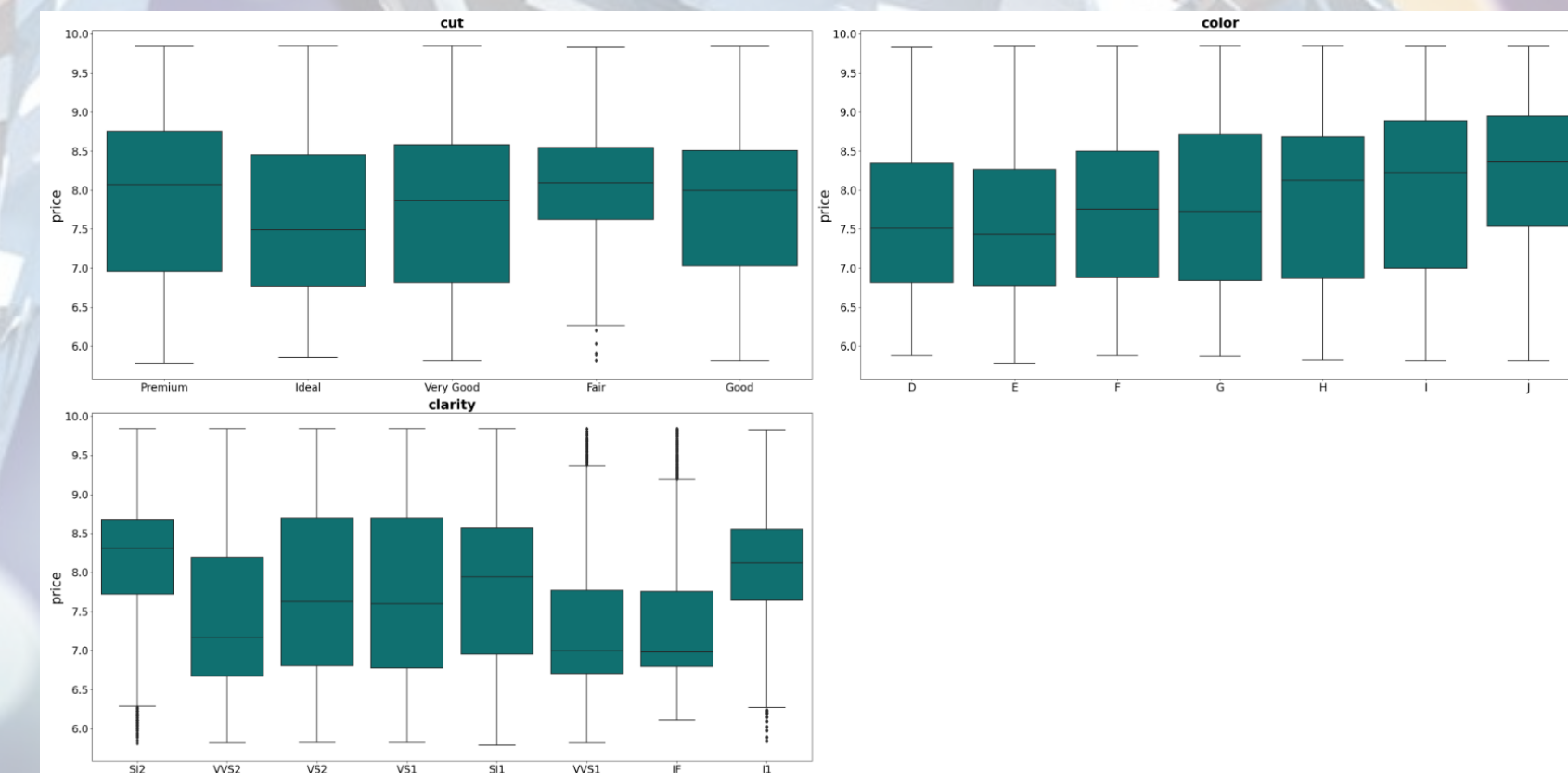
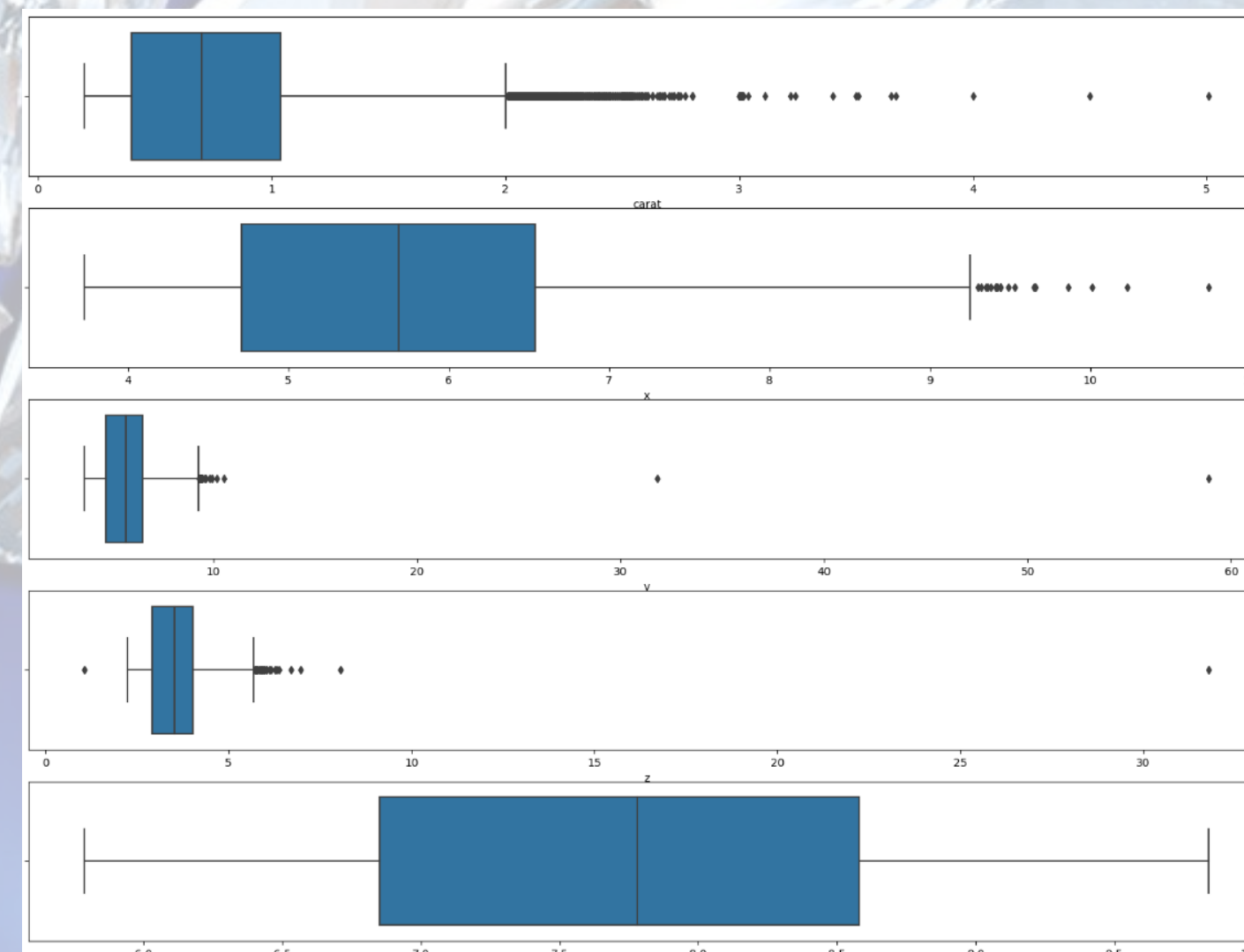
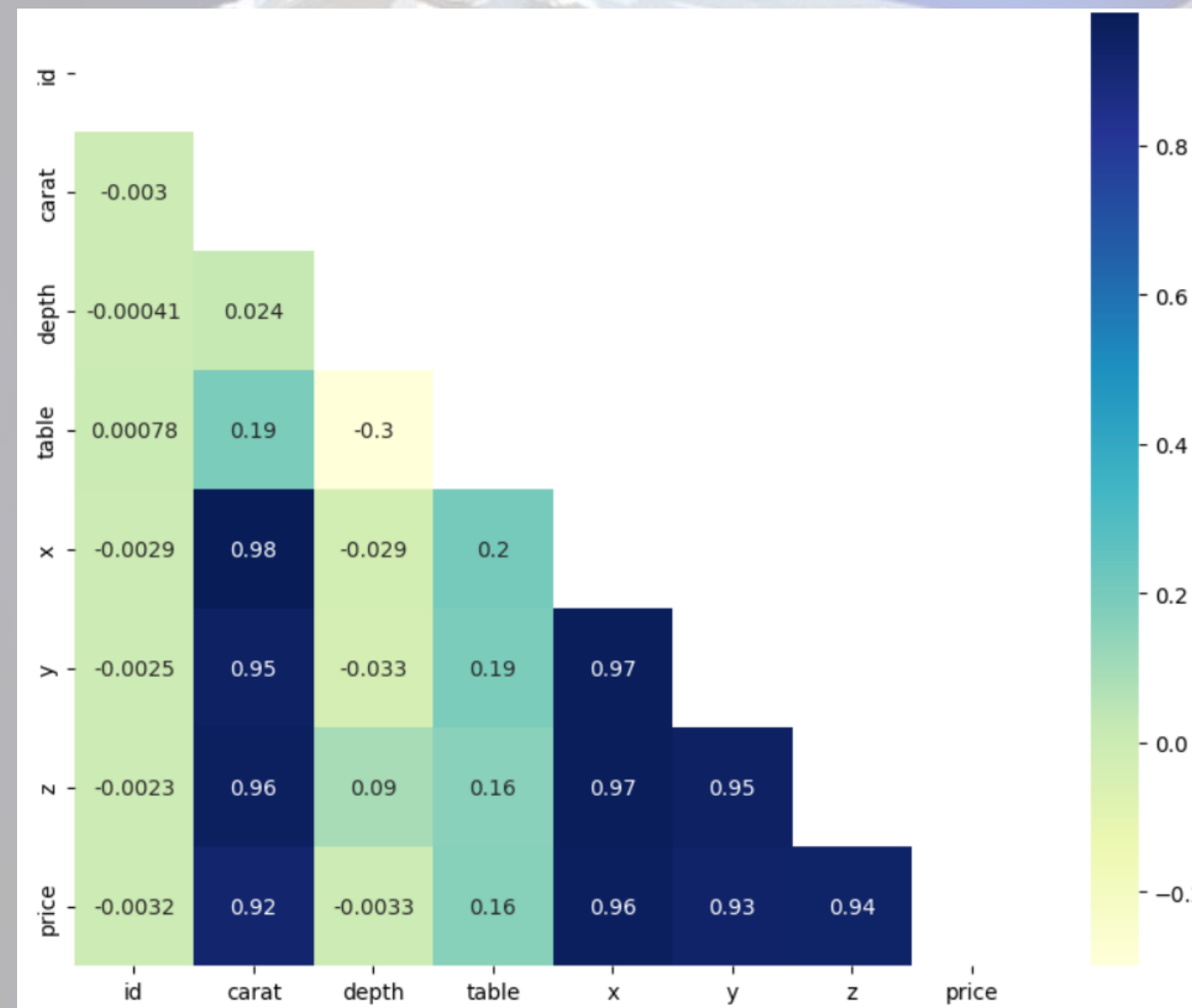


Preprocessing en la predicción del precio de diamantes

1-. Eliminación de variables predictoras numéricas ("Depth" y "Table")

2-. Outliers por la mediana

3-. Encoding sin orden para todas las variables



Predicción del precio de diamantes

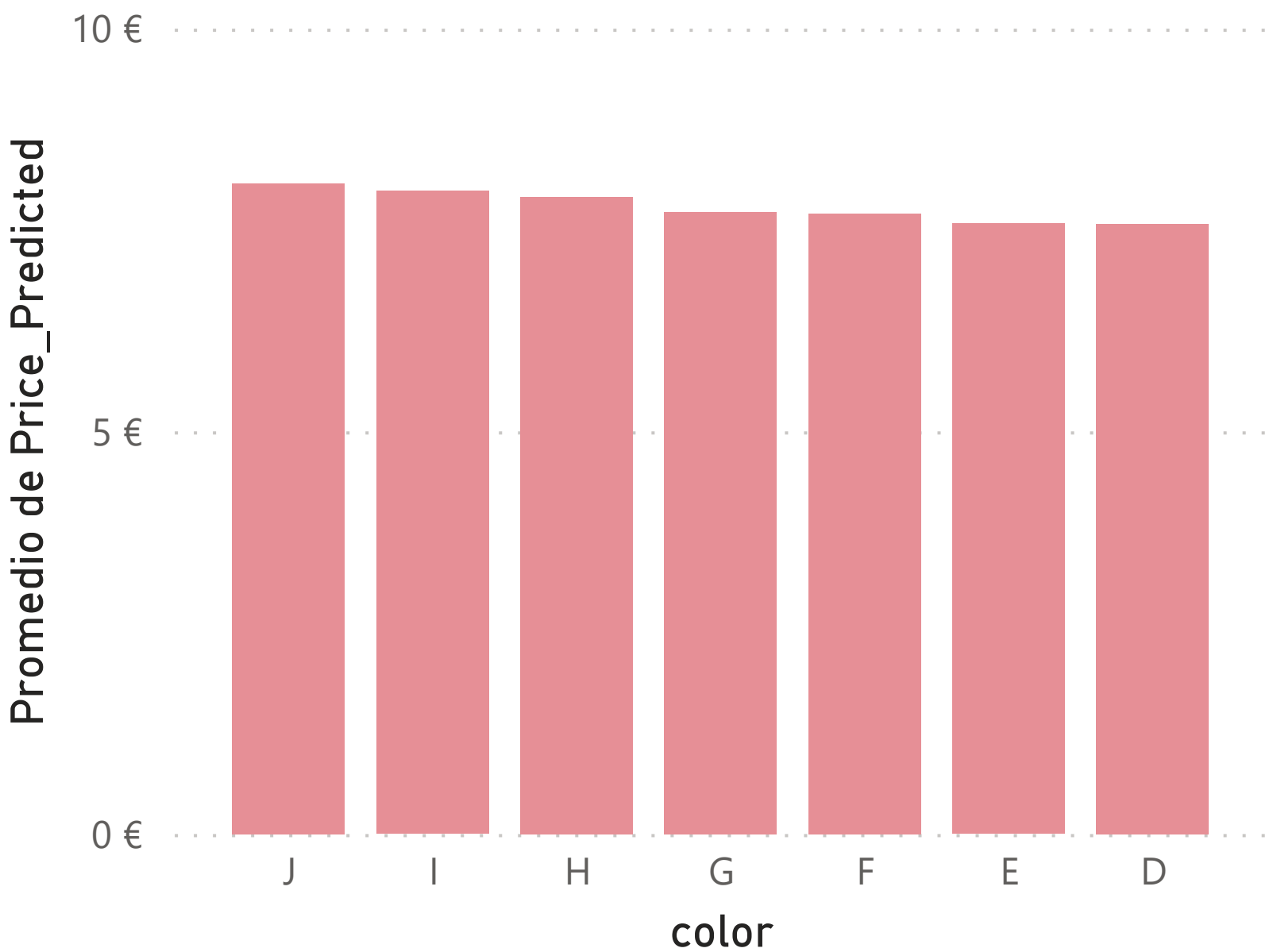
Métricas del modelo

	MAE	MSE	RMSE	R2	set	modelo
0	0.087138	0.018922	0.137557	0.981472	test	Decission Tree I
1	0.000375	0.000033	0.005704	0.999969	train	Decission Tree I
0	0.121457	0.026257	0.162039	0.974290	test	Decission Tree II
1	0.121044	0.026485	0.162743	0.974461	train	Decission Tree II
0	0.079406	0.014935	0.122209	0.985376	test	KNN2
1	0.042938	0.004607	0.067878	0.995557	train	KNN2
0	0.079406	0.014935	0.122209	0.985376	test	KNN2
1	0.042938	0.004607	0.067878	0.995557	train	KNN2
0	0.091223	0.015150	0.123086	0.985165	test	Random Forest
1	0.089039	0.014643	0.121010	0.985880	train	Random Forest
0	0.064557	0.008585	0.092654	0.991594	test	Gradient
1	0.058685	0.007103	0.084278	0.993151	train	Gradient

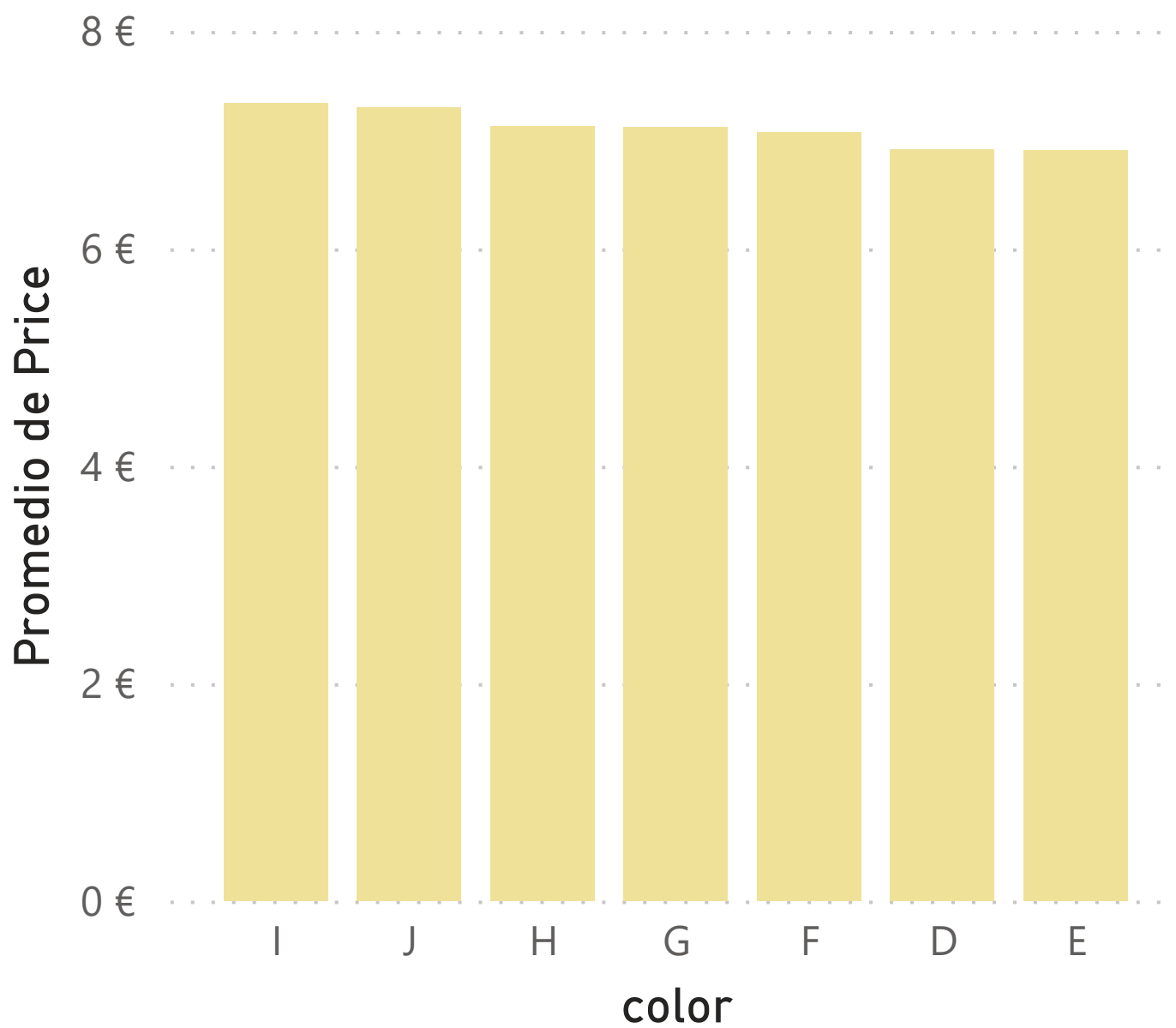


Comparaciones según variables predictoras

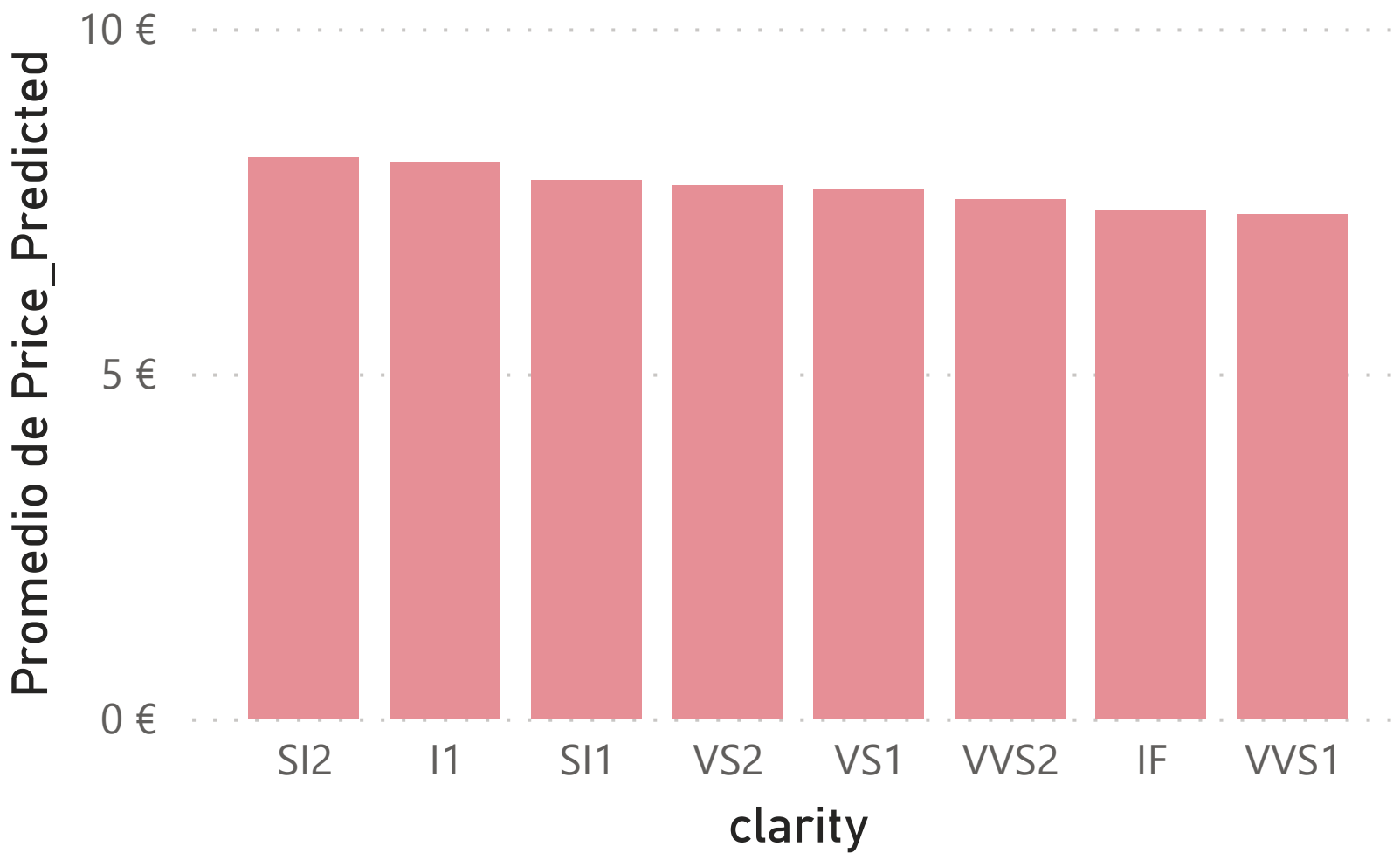
Promedio de Price_Predicted por color



Promedio de Price por color



Promedio de Price_Predicted por clarity



Promedio de Price por clarity

