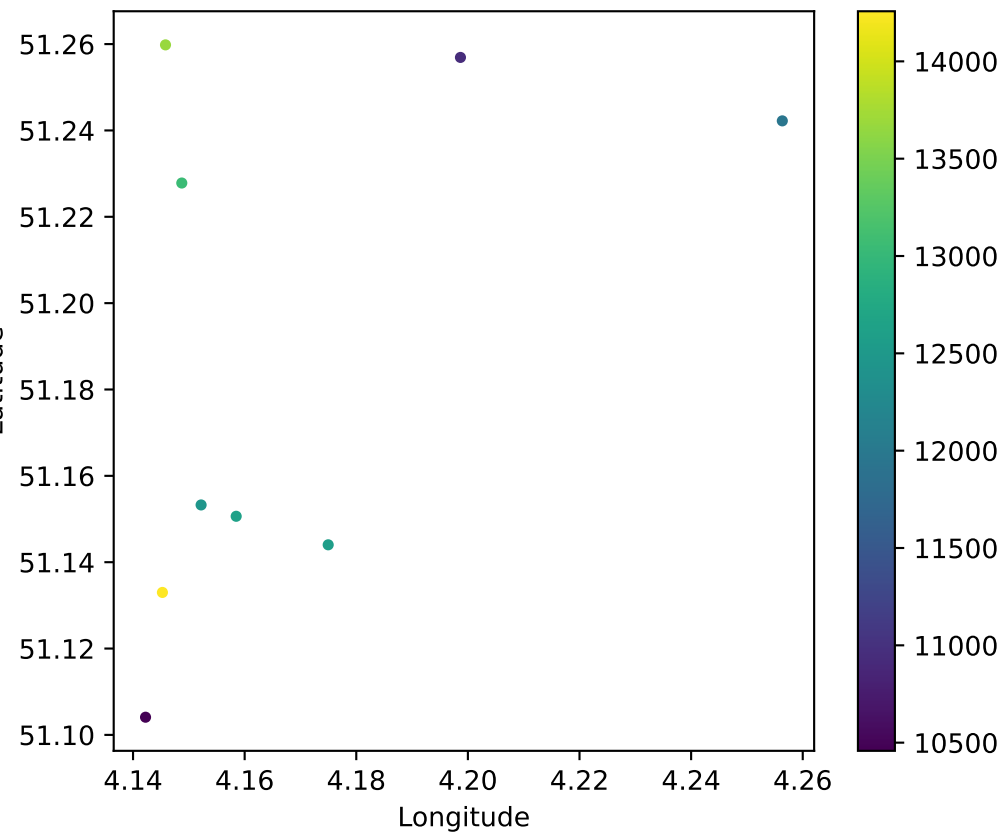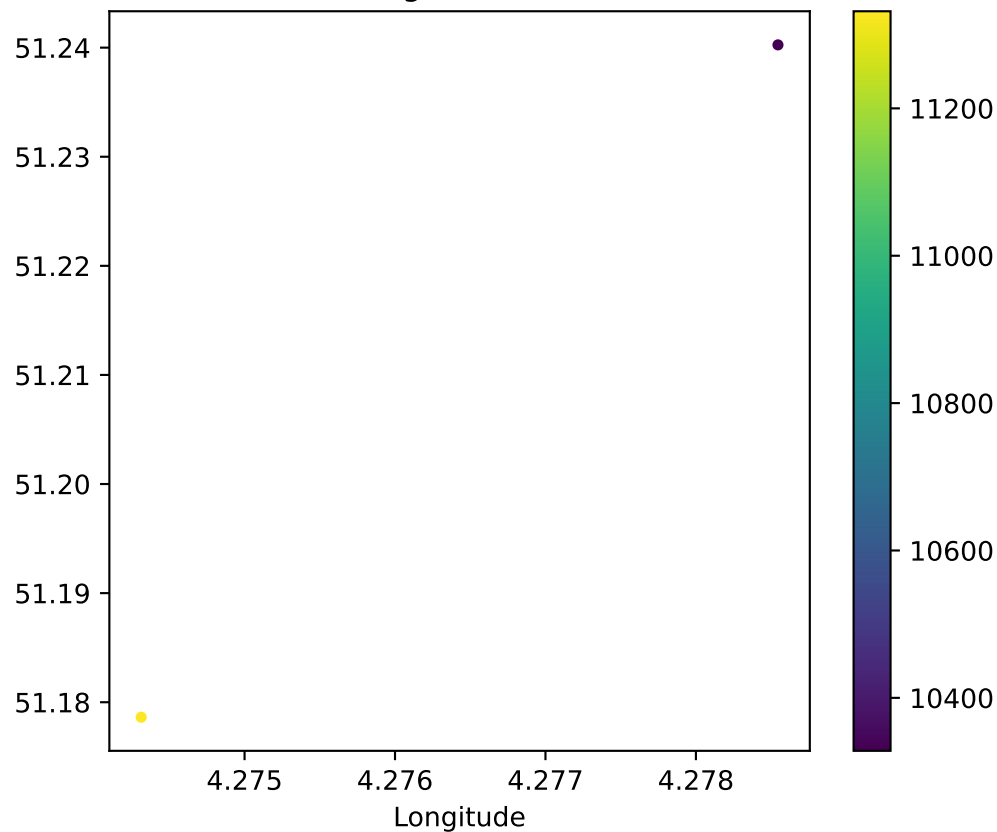Error Distribution for Range 10000 to 20000