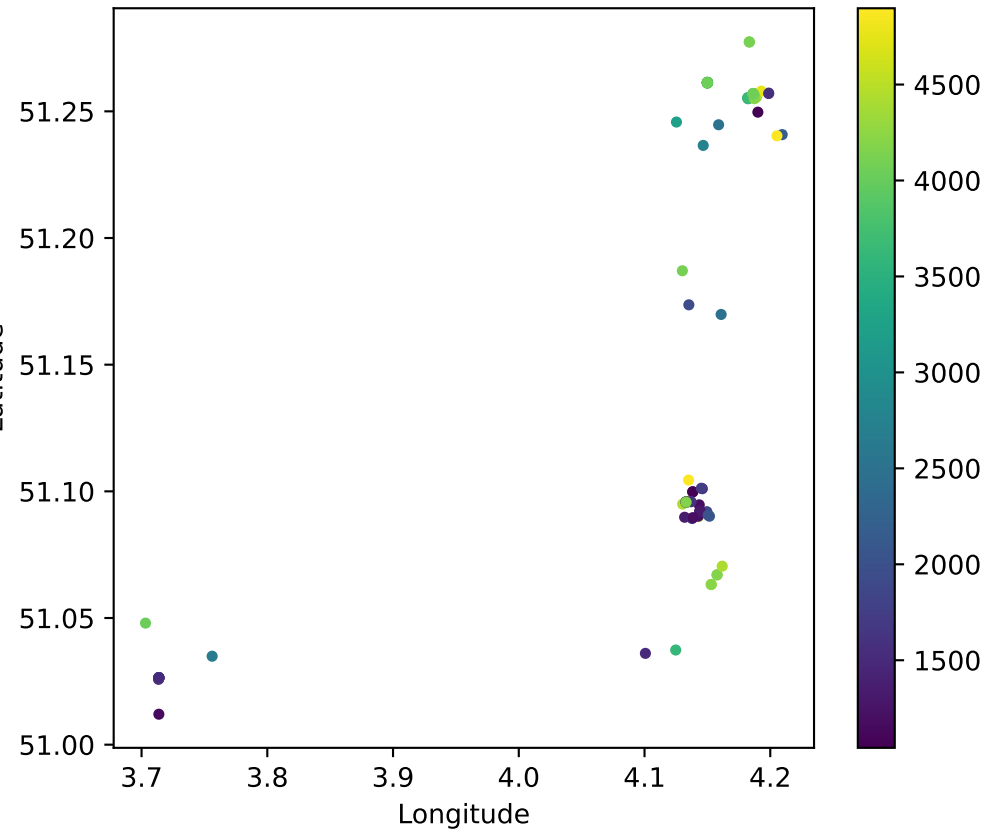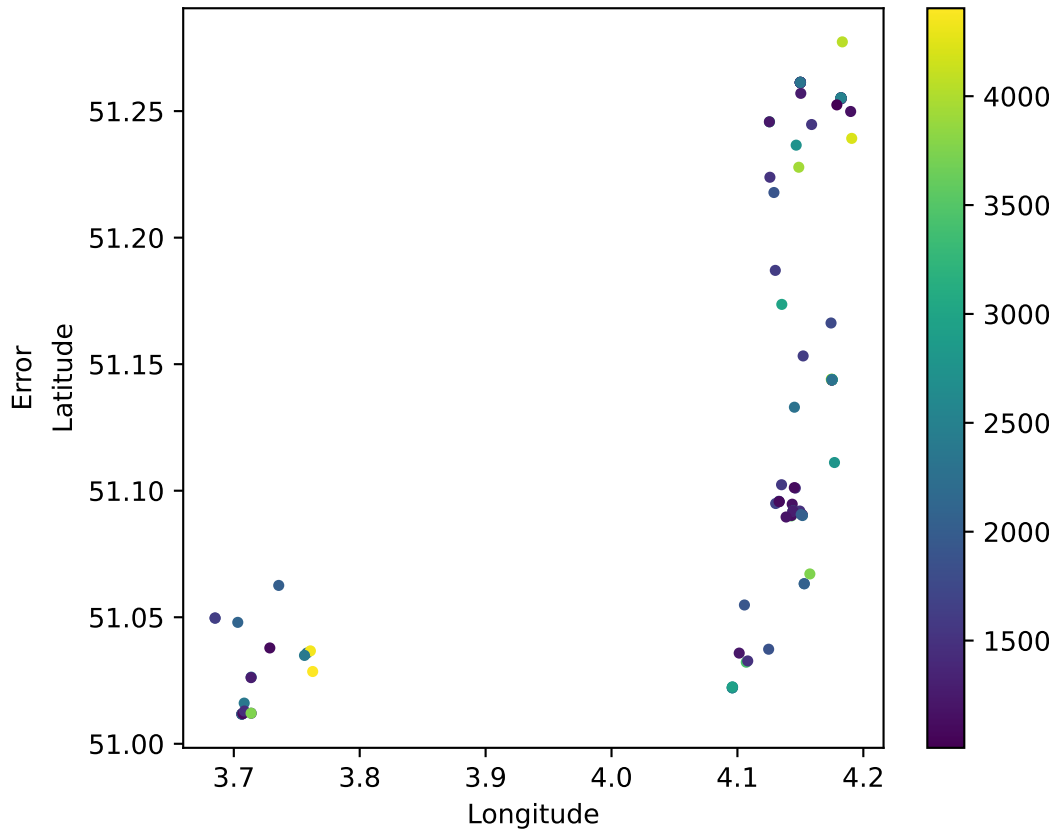Error Distribution for Range 1000 to 5000