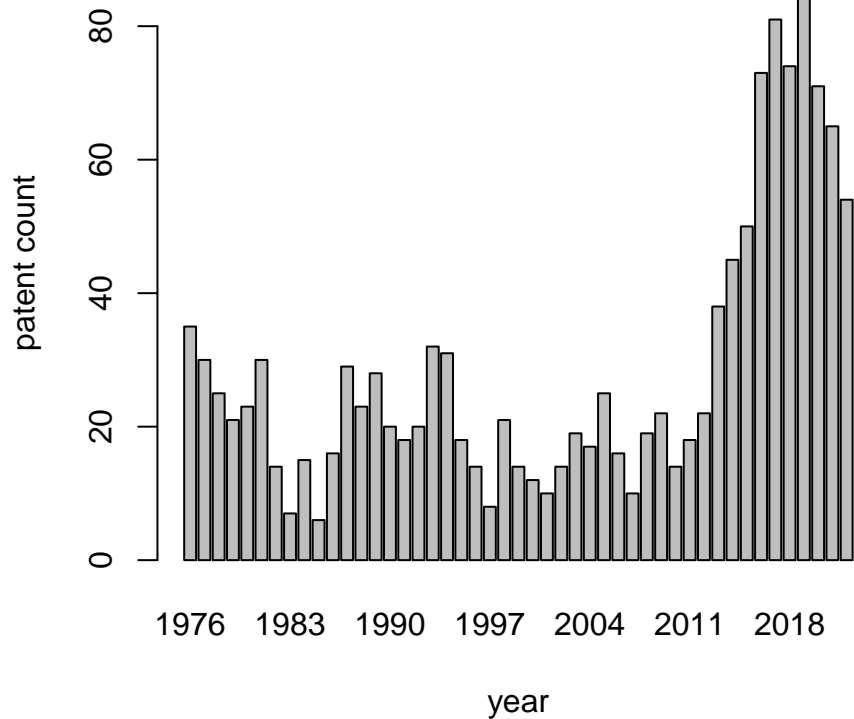
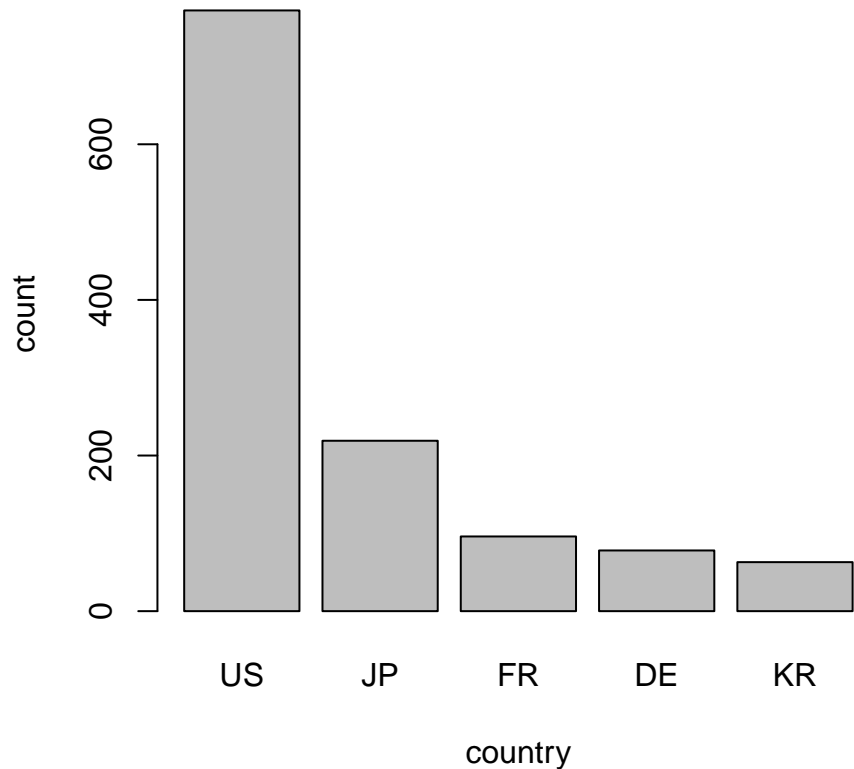


# Patent registration by year (G21D)



## TOP5 patent inventors' counties (G21D)



# TOP5 countries' patents by year (G21D)

