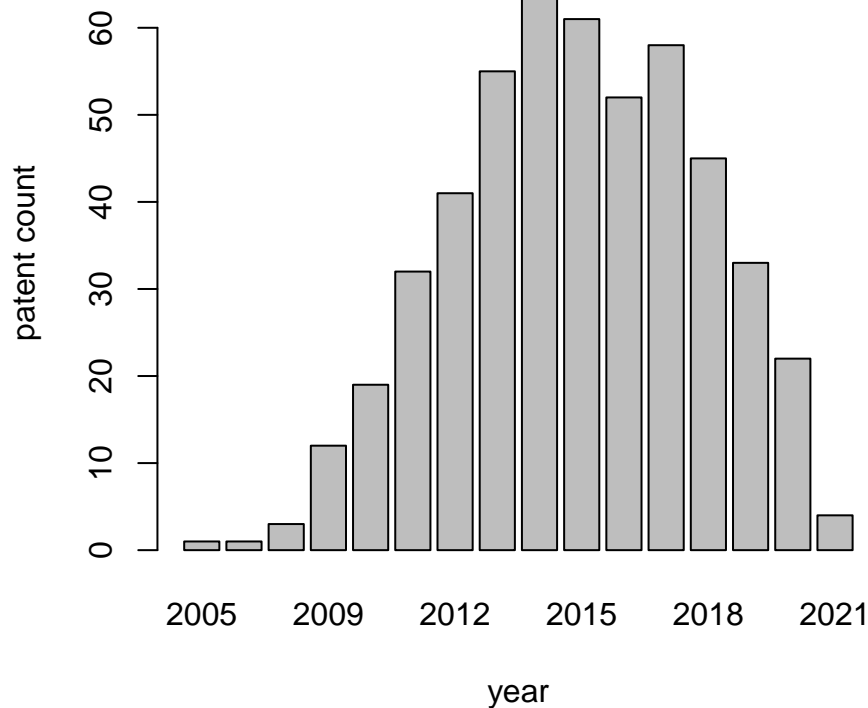
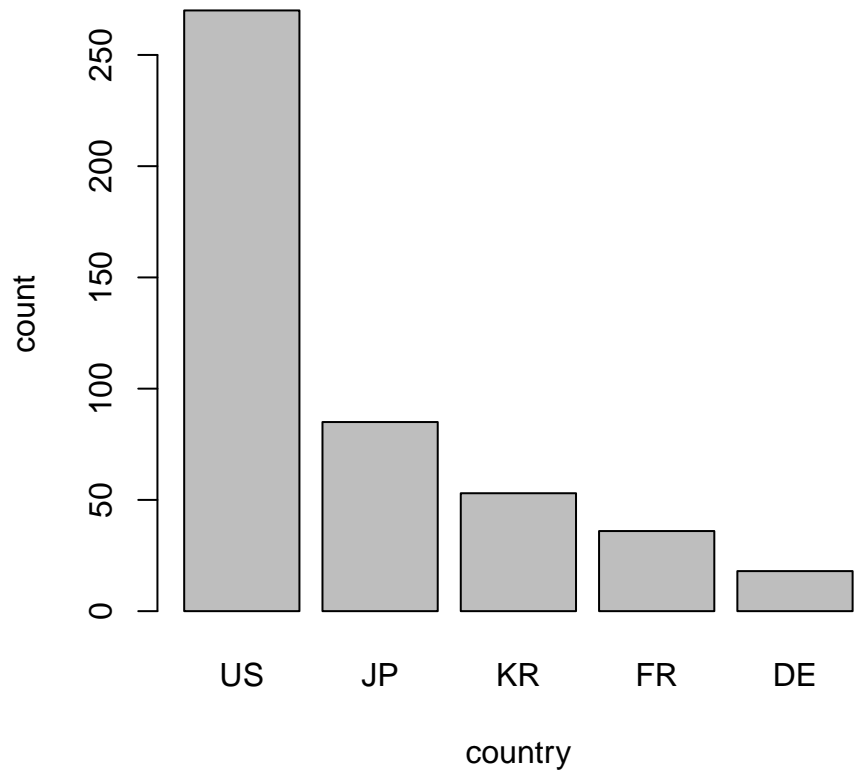


# Patent applications by year (G21D)



## TOP5 counties (G21D)



# TOP5 countries by year (G21D)

