Properties of the degree sequences

```
write_summary <- function(language,file) {
  degree_sequence = read.table(file, header = FALSE)
  return (c(language, length(degree_sequence$V1), max(degree_sequence$V1), sum(degree_sequence$V1)/leng
            length(degree_sequence$V1)/sum(degree_sequence$V1)))
}

degree_sequence <- data.frame("Language" = character(), "N" = integer(), "Max degree" = double(),
                              "Mean degree (M/N)" = double(), "Inverse mean degree (N/M)" = double(), cl

source = read.table("list_out.txt", header = TRUE, as.is = c("language","file"))

for (x in 1:nrow(source)) {
  degree_sequence[x,] <- write_summary(source$language[x], source$file[x])
}

degree_sequence
```

```
##     Language     N Max degree Mean degree (M/N) Inverse mean degree (N/M)
## 1     Arabic 15678       4896  4.50242377854318         0.222102593888566
## 2     Basque  6188       2097  4.18164188752424         0.239140516308548
## 3    Catalan 24727       6622  8.25393294778987         0.121154364389133
## 4    Chinese 23946       7537  7.72625908293661         0.129428742845097
## 5      Czech 41912      12671  6.25639435006681         0.159836471943192
## 6    English 17775       7040   11.254064697609        0.0888567843592064
## 7      Greek  9280       2737  4.82413793103448         0.207290922087205
## 8  Hungarian 25534       1020  4.19746220725307         0.238239190878725
## 9    Italian 12285       1671  4.62588522588523         0.216174840310405
## 10   Turkish 15287       4488  3.08667495257408         0.323973212393507
```