

August 27, 2024

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> wdir <- "C:/Users/vlado/work/OpenAlex/API"</pre>
> setwd(wdir)
> library(httr)
> library(jsonlite)
> source("https://raw.githubusercontent.com/bavla/Rnet/master/R/Pajek.R")
> source("https://raw.githubusercontent.com/bavla/OpenAlex/main/code/OpenAlex4.R")
> # source("OpenAlex4.R")
> CD <- read.csv2("ISO2codes.csv",head=TRUE,na.strings="--")
> CN <- CD$name; CC <- CD$code
> # sequence of networks for selected Years
> Years <- as.character(1990:2023)
> # Years <- c("1991-1995","1996-2000","2001-2005","2006-2010","2011-2015","2016-2020")
> S <- list()
> for(year in Years){
+ R <- coAuthorship(CC,year=year)
  S[[year]] <- R
+ # save(R,file=paste0("WrldCo",year,".Rdata"))
 matrix2net(R$M,Net=paste0("WrldCo",year,".net"))
vector2clu(R$G,Clu=paste0("WrldCo",year,"G.clu"))
   vector2vec(R$T,Vec=paste0("WrldCo",year,"T.vec"))
Year =1990 Tue Aug 27 19:39:20 2024
collected Tue Aug 27 19:40:01 2024
k = 0 a = 0
               dmax = 0
Year =1991 Tue Aug 27 19:40:01 2024
collected Tue Aug 27 19:40:43 2024
      a = 0
               dmax = 0
Year =1992 Tue Aug 27 19:40:43 2024
collected Tue Aug 27 19:41:24 2024
k = 0  a = 0  dmax = 0
Year =1993 Tue Aug 27 19:41:24 2024
collected Tue Aug 27 19:42:05 2024
k = 0  a = 0  dmax = 0
Year =1994 Tue Aug 27 19:42:06 2024
collected Tue Aug 27 19:42:47 2024
k = 0 a = 0 dmax = 0
Year =1995 Tue Aug 27 19:42:47 2024
collected Tue Aug 27 19:43:28 2024
k = 0  a = 0  dmax = 0
Year =1996 Tue Aug 27 19:43:29 2024 collected Tue Aug 27 19:44:10 2024
k = 0 a = 0 dmax = 0
Year =1997 Tue Aug 27 19:44:10 2024
collected Tue Aug 27 19:44:53 2024
k = 0 a = 0
                dmax = 0
Year =1998 Tue Aug 27 19:44:53 2024
collected Tue Aug 27 19:45:35 2024
      a = 0
                dmax = 0
Year =1999 Tue Aug 27 19:45:36 2024
collected Tue Aug 27 19:46:18 2024
k = 0   a = 0   dmax = 0
Year =2000 Tue Aug 27 19:46:18 2024
collected Tue Aug 27 19:47:11 2024
k = 3 a = 0 dmax = 0
Year =2001 Tue Aug 27 19:47:11 2024
collected Tue Aug 27 19:47:56 2024
k = 6 a = 0 dmax = 0
Year =2002 Tue Aug 27 19:47:57 2024
collected Tue Aug 27 19:48:38 2024
k = 6 a = 0 dmax = 0
Year =2003 Tue Aug 27 19:48:38 2024 collected Tue Aug 27 19:49:20 2024
k = 9 a = 0 dmax = 0
Year =2004 Tue Aug 27 19:49:21 2024
collected Tue Aug 27 19:50:02 2024
237 76 GB FR 4032 4033 -1
238 103 US IN 2403 2404 -1
238 110 US IT 6326 6325 1
k = 8 a = 3 dmax = 1
```

5. 9. 24, 02:08

Year =2005 Tue Aug 27 19:50:02 2024 collected Tue Aug 27 19:50:45 2024 k = 14 a = 0 dmax = 0

Year =2006 Tue Aug 27 19:50:45 2024 collected Tue Aug 27 19:51:28 2024 k = 19 a = 0 dmax = 0

Year =2007 Tue Aug 27 19:51:29 2024 collected Tue Aug 27 19:52:12 2024 k = 25 a = 0 dmax = 0

Year =2008 Tue Aug 27 19:52:13 2024 collected Tue Aug 27 19:52:57 2024 k = 20 a = 0 dmax = 0

Year =2009 Tue Aug 27 19:52:57 2024 collected Tue Aug 27 19:53:39 2024 k = 32 a = 0 dmax = 0

Year =2010 Tue Aug 27 19:53:40 2024 collected Tue Aug 27 19:54:21 2024 k = 36 a = 0 dmax = 0

Year =2012 Tue Aug 27 19:55:06 2024 collected Tue Aug 27 19:55:47 2024 k = 41 a = 0 dmax = 0

Year =2013 Tue Aug 27 19:55:47 2024 collected Tue Aug 27 19:56:30 2024 k = 78 a = 0 dmax = 0

Year =2014 Tue Aug 27 19:56:30 2024 collected Tue Aug 27 19:57:11 2024 k = 103 a = 0 dmax = 0

Year =2015 Tue Aug 27 19:57:12 2024 collected Tue Aug 27 19:57:54 2024 k = 117 a = 0 dmax = 0

Year =2016 Tue Aug 27 19:57:55 2024 collected Tue Aug 27 19:58:35 2024 k = 109 a = 0 dmax = 0

Year =2017 Tue Aug 27 19:58:36 2024 collected Tue Aug 27 19:59:17 2024 k = 123 a = 0 dmax = 0

Year =2018 Tue Aug 27 19:59:18 2024 collected Tue Aug 27 19:59:59 2024 k = 140 a = 0 dmax = 0

Year =2020 Tue Aug 27 20:00:43 2024 collected Tue Aug 27 20:01:25 2024 k = 269 a = 0 dmax = 0

Year =2021 Tue Aug 27 20:01:26 2024 collected Tue Aug 27 20:02:08 2024 k = 270 a = 0 dmax = 0

Year =2022 Tue Aug 27 20:02:09 2024 collected Tue Aug 27 20:02:50 2024 k = 333 a = 0 dmax = 0

Year =2023 Tue Aug 27 20:02:51 2024

collected Tue Aug 27 20:03:33 2024

k = 341 a = 0 dmax = 0

> save(S,file=paste0("MatList.Rdata"))
> cat("finished Years",date(),"\n"); flush.console()
finished Years Tue Aug 27 20:03:34 2024

> # complete OpenAlex for all years
> R <- coAuthorship(CC)</pre>

Complete search Tue Aug 27 20:23:50 2024 collected Tue Aug 27 20:24:31 2024 83 76 DE FR 273184 273183 1 168 40 NO CA 24307 24306 1 168 76 NO FR 36671 36670 1 180 11 PT AR 5956 5957 -1 180 40 PT CA 14666 14667 -1 185 76 RU FR 56709 56708 1 205 76 SI FR 8382 8381 1 208 46 ZA CN 14003 14004 -1 211 11 ES AR 36809 36810 -1 211 40 ES CA 57624 57625 -1

work:bib:alex:repo [vlado]

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217 76 SE FR 63245 63244 1
237 11 GB AR 18247 18248 -1
237 44 GB AU 261643 261642 1
237 40 GB CA 232250 232251 -1
238 11 US AR 55167 55168 -1
238 40 US CA 692495 692496 -1
238 76 US FR 485853 485852 1
240 11 UY AR 6188 6189 -1
240 40 UY CA 1385 1386 -1
k = 1854 a = 20 dmax = 1
> save(R,file="MatComp.Rdata")
> matrix2net(R$M,Net="WrldCoComp.net")
> vector2clu(R$G,Clu="WrldCoComp.clu")
> vector2cve(R$T,Vec="WrldCoComp.clu")
> cat("finished complete",date(),"\n"); flush.console()
finished complete Tue Aug 27 20:24:37 2024
```

work/bib/alex/repo.txt \cdot Last modified: 2024/08/27 20:38 by vlado