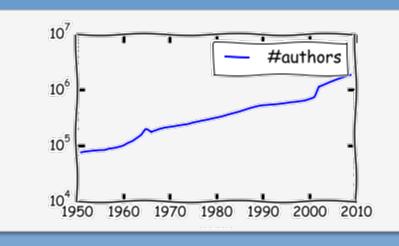
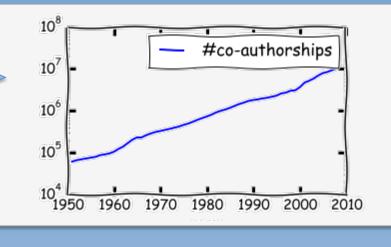
PUBMED DATASET VISUALISATION 21.5 MILLION PAPERS 10.8 MILLION AUTHORS

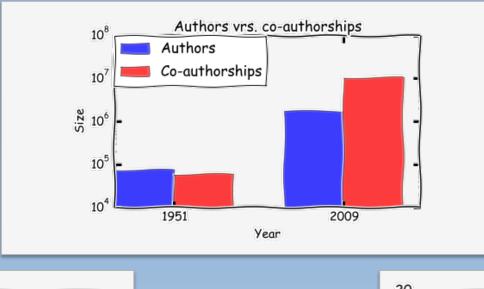


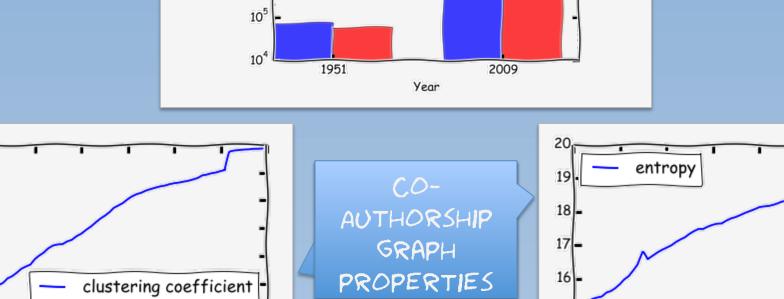


SINCE 1950, THE NUMBER OF RESEARCHERS INCREASED 23 TIMES

AT THE SAME TIME, THE NUMBER OF CO-AUTHORSHIPS INCREASED 172 TIMES







ACADEMIC THROUGHPUT & RETENTION

RESEARCH OUTPUT GROWS AND BECOMES MORE COLLABORATIVE

1960 1970 1980 1990 2000 2010

0.8

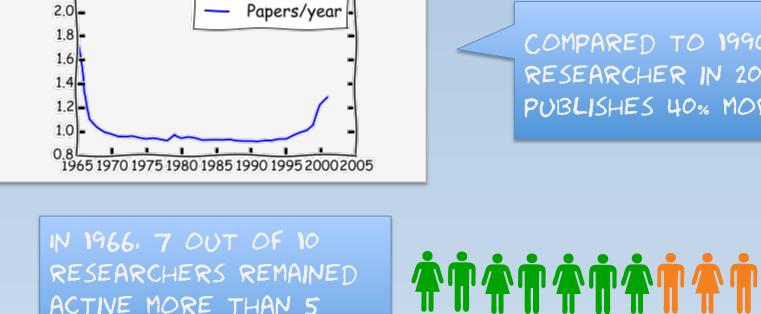
0.7

0.6

0.5

0.4

0.3



PUBLISHES 40% MORE

malaria'

poliomyelitis'

COMPARED TO 1990, A

RESEARCHER IN 2001

1960 1970 1980 1990 2000

ACTIVE MORE THAN 5 YEARS 80 70 60

10 1965

TERMINOLOGY - EVOLUTION

0.0010

0.0015

0.0010

0.0004

0.0003

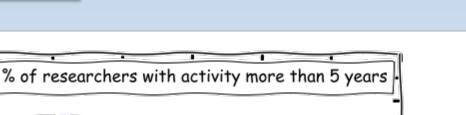
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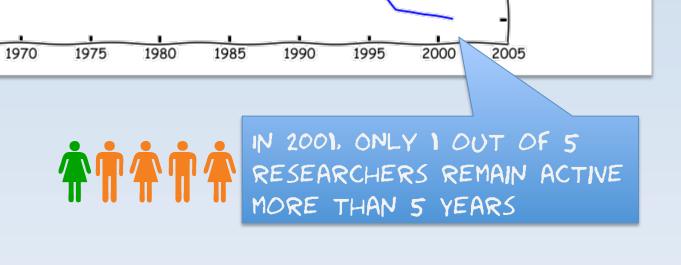
0.0001

0.0000

1960-1965

1970-1975

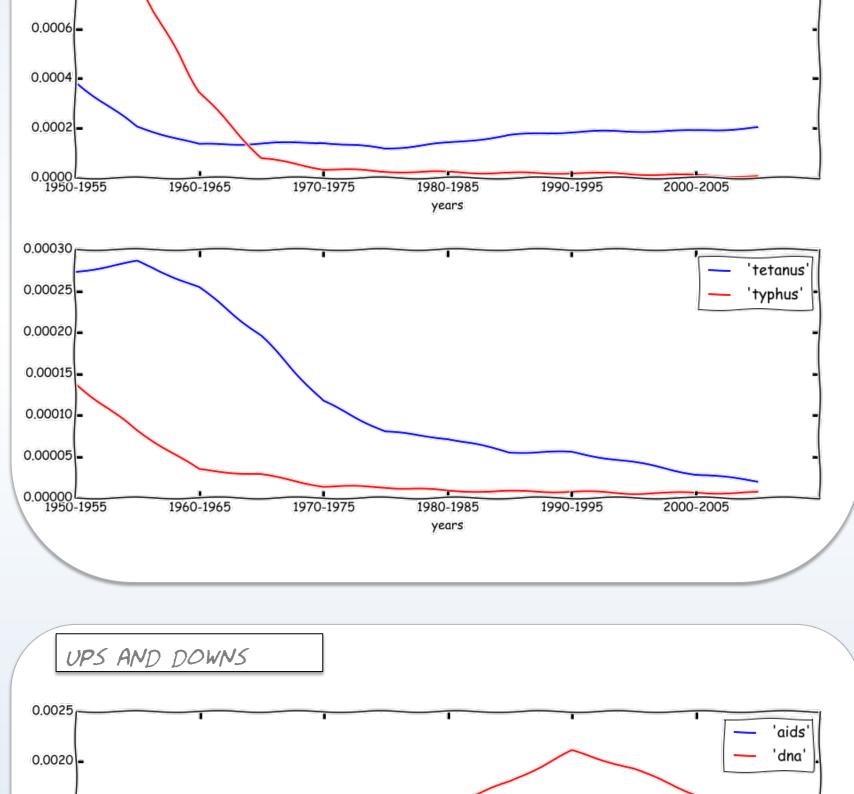


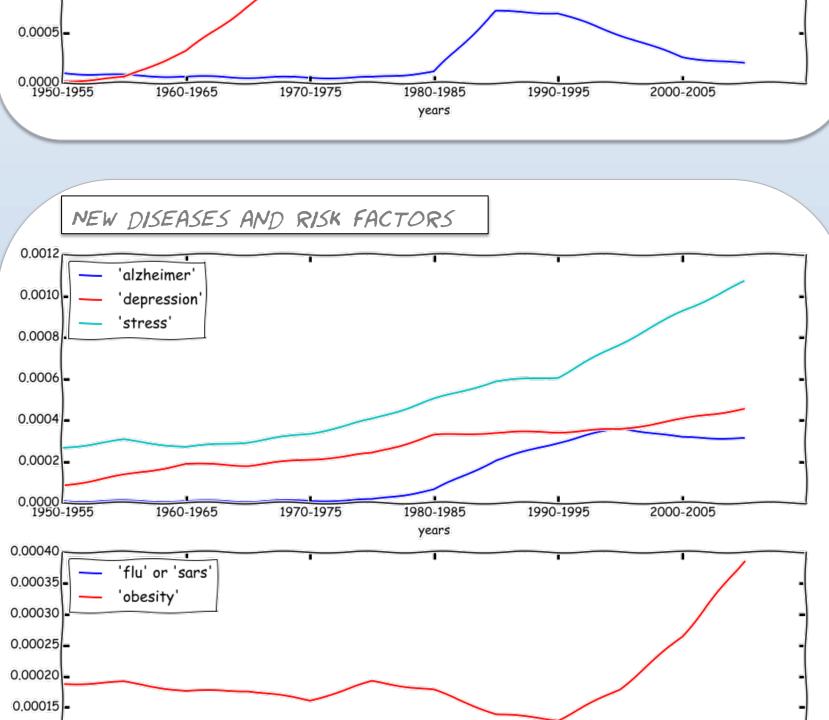


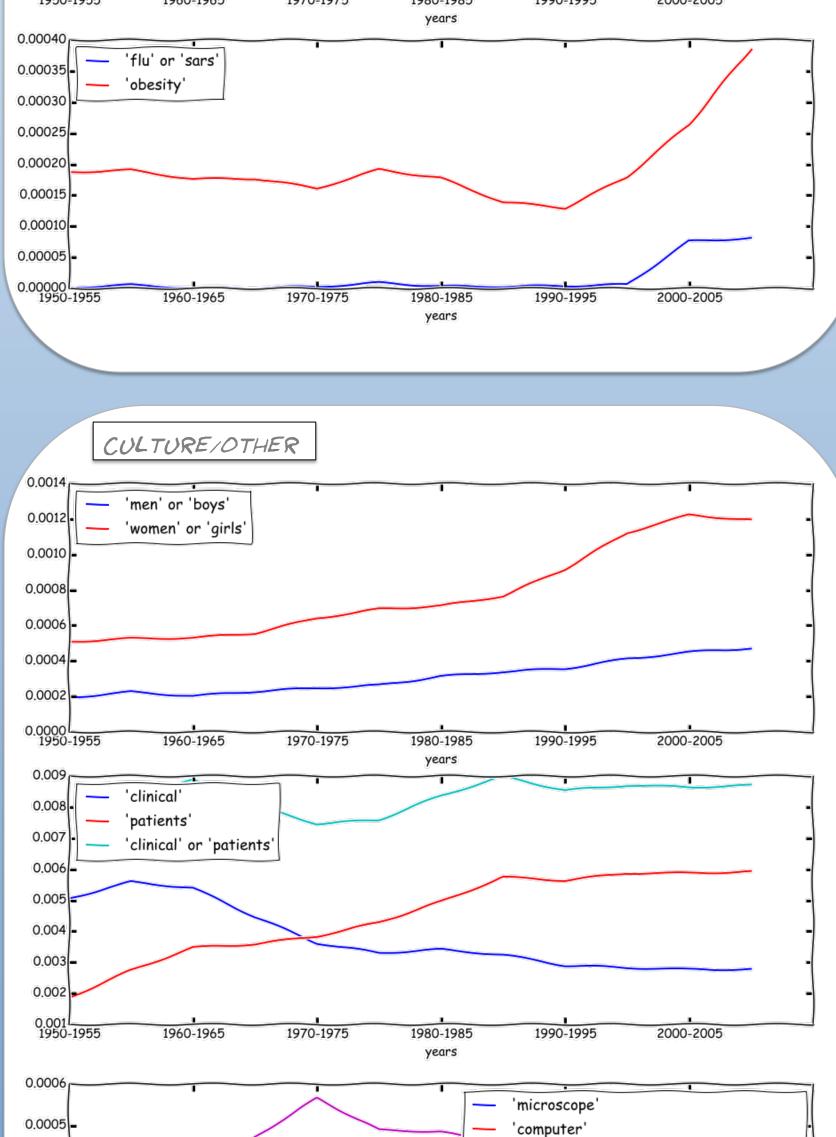
DISEASES ARE CURED

RESEARCHERS PUBLISH MORE BUT LEAVE ACADEMIA SOONER









1980-1985

years

'algorithm'

1990-1995

'microscope' or 'computer' or 'algorithm'

2000-2005