

Digital preservation researches - European situation

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Context

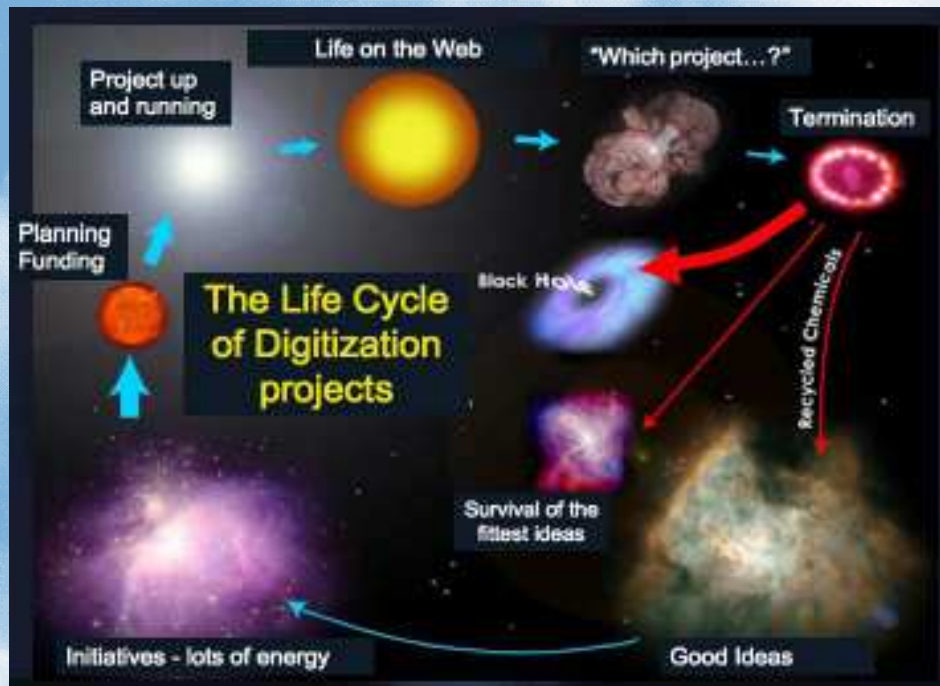
digitalpreservationEurope



- This research is part of DPE project, “Research roadmap”
- More information:

<http://www.digitalpreservationeurope.eu/>

Why digital preservation?

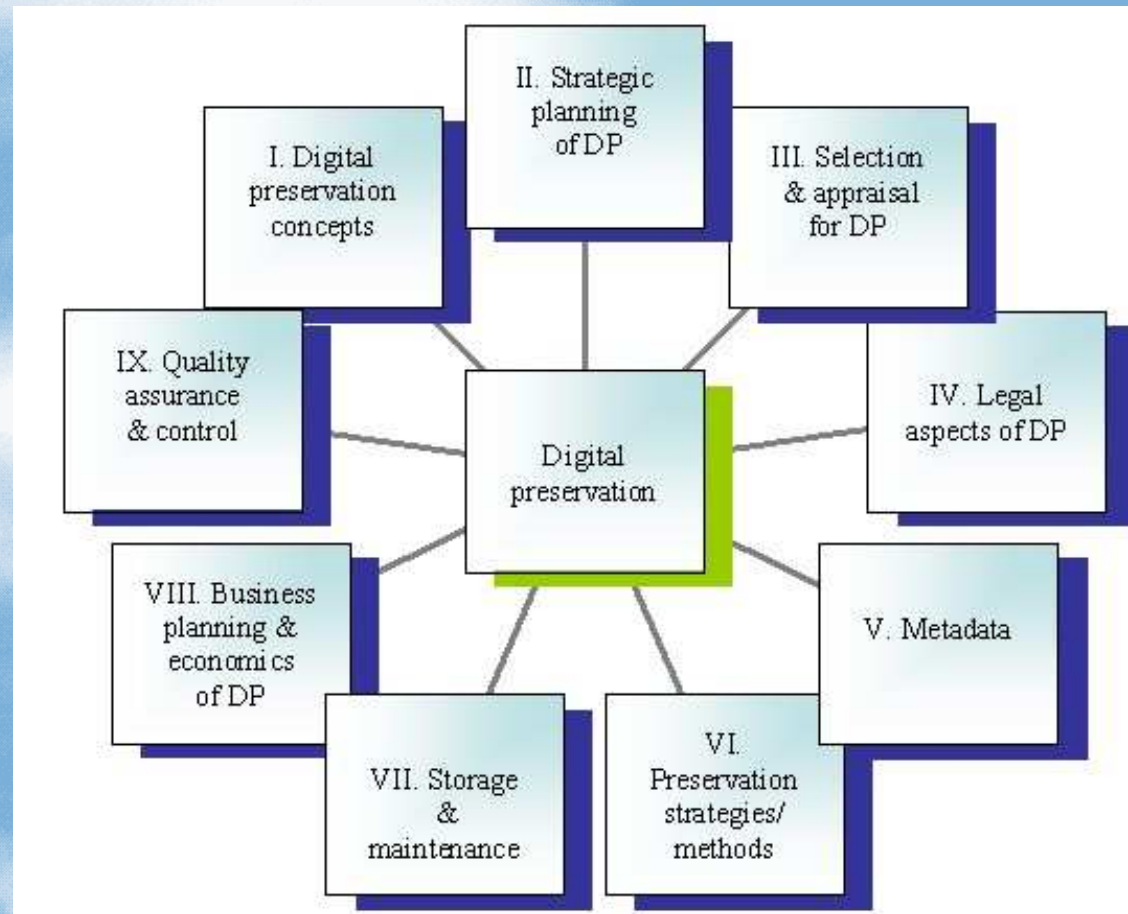


- Jonas Palm “The digital black holes”

But frequently.....

- projects costs:
 - for creating the digital materials – 99 %
 - for preserving of the digital materials- 1 %
- real costs:
 - for creating the digital materials – 10 %
 - for preserving the digital materials- 90 %

Digital preservation thematic model I



Digital preservation thematic model II



Countries

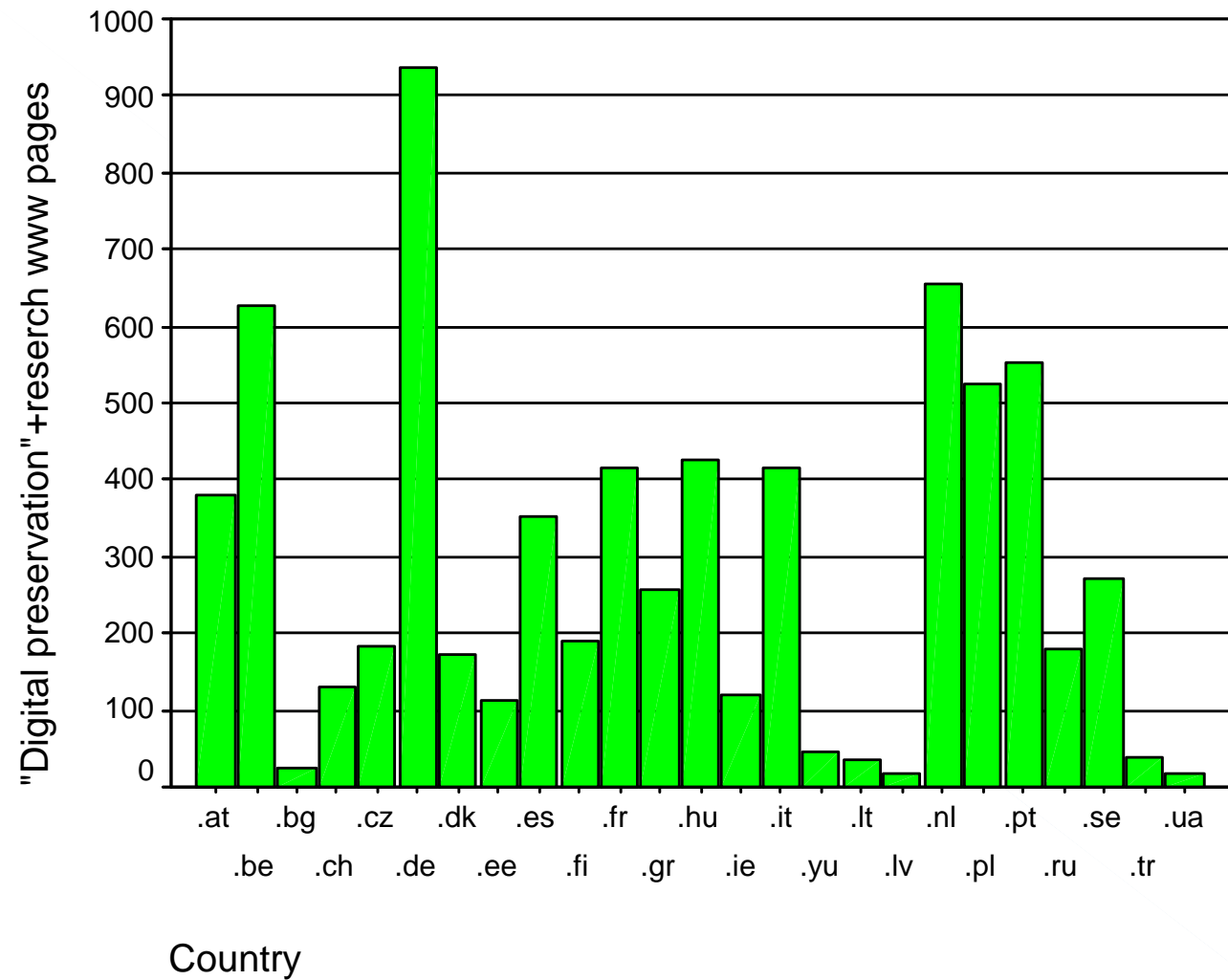


Methods

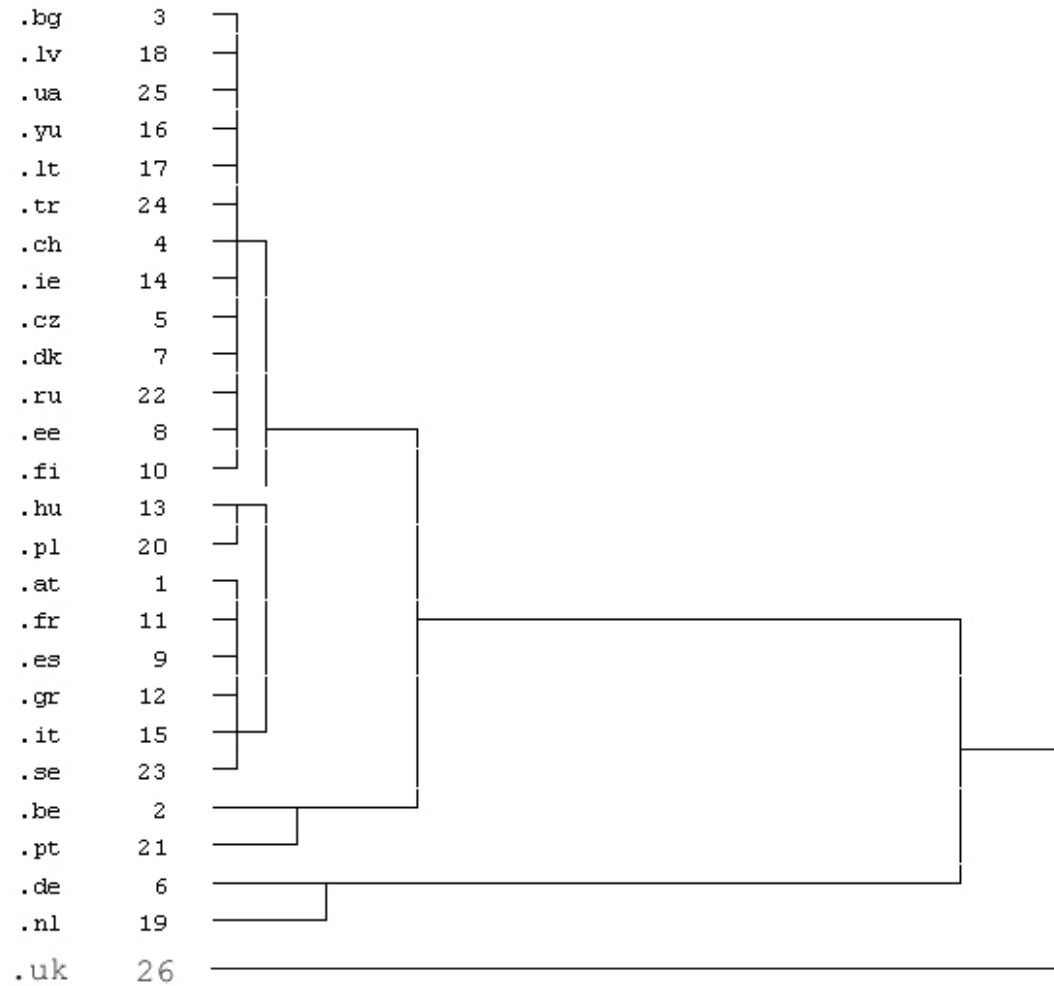
- *Domain* – search results were filtrated by European countries domain name zones and DP topics
- *Independent criteria* - research results were compared to independent variables: population (Eurostat), Gross Domestic Product (International Monetary Fund), total amount of web in corresponding internet domain zones, Euro-creative index (R. Florida, I Tinagli), Research and development intensity coefficient (Towards a European Research Area Science, Technology and Innovation, Key Figures 2005)

By countries

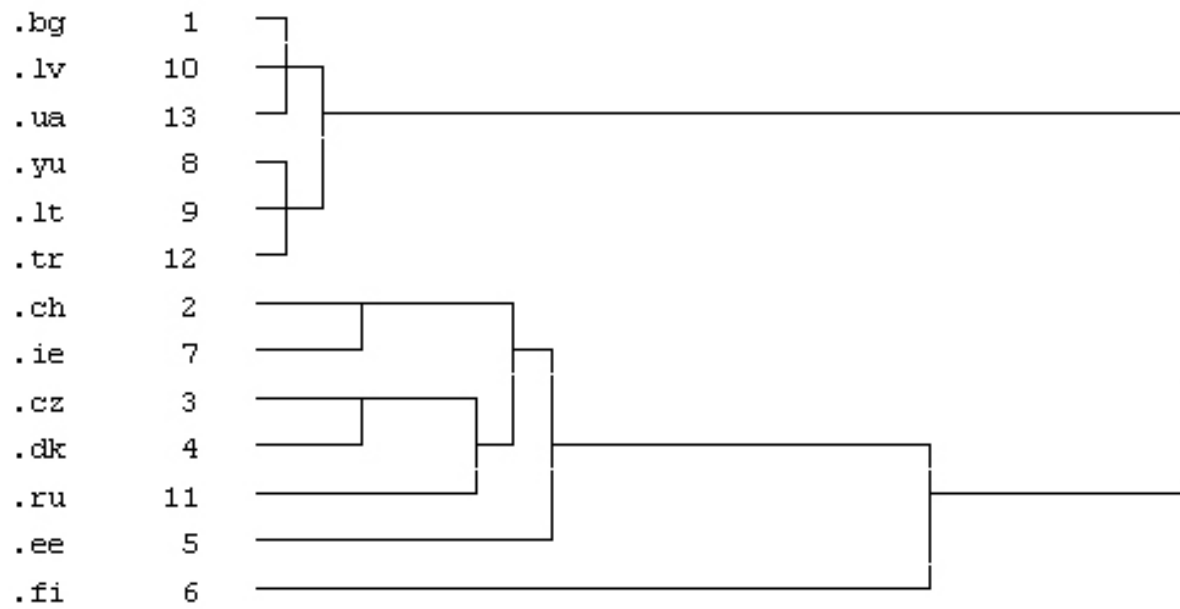
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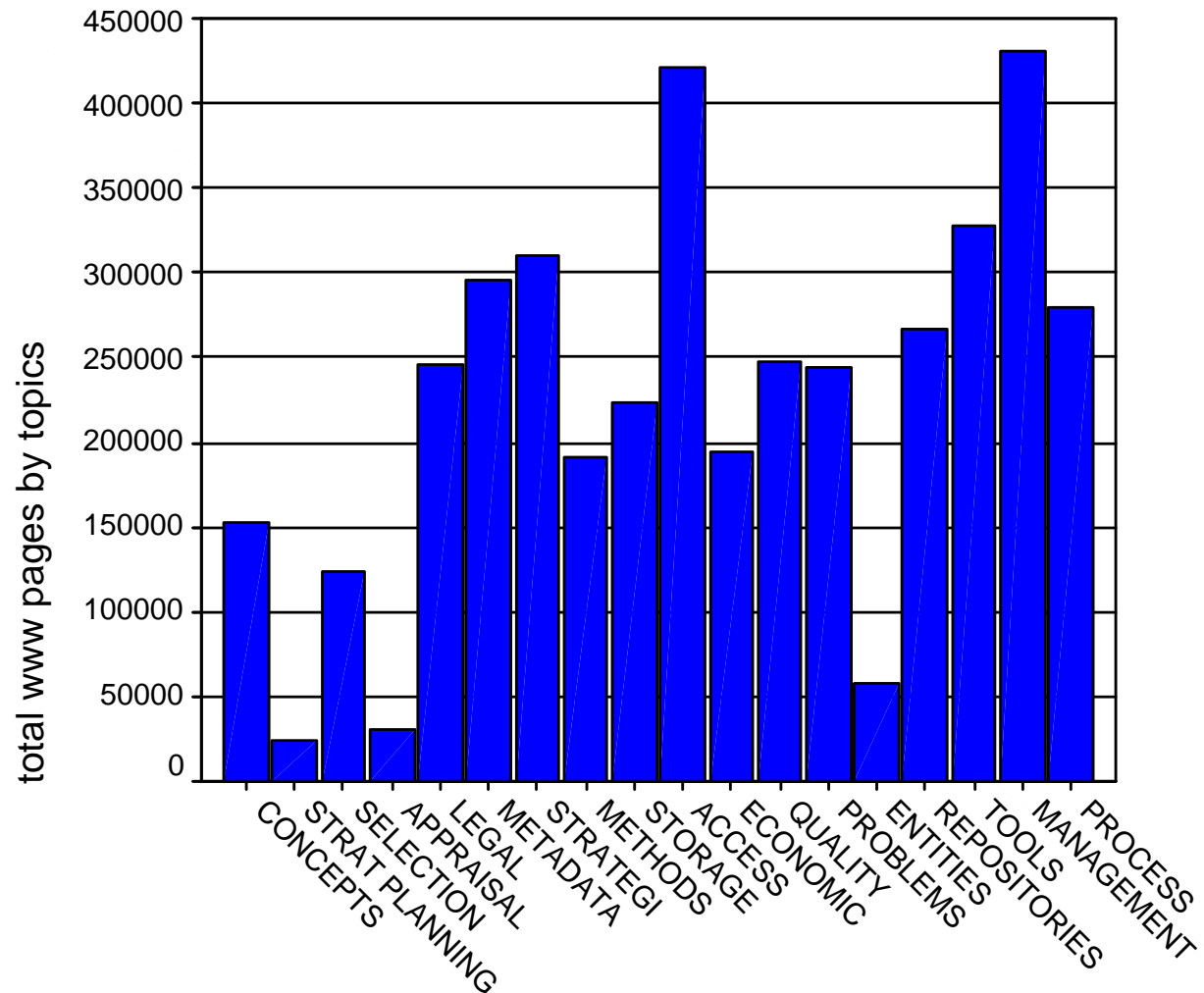
Countries clusters



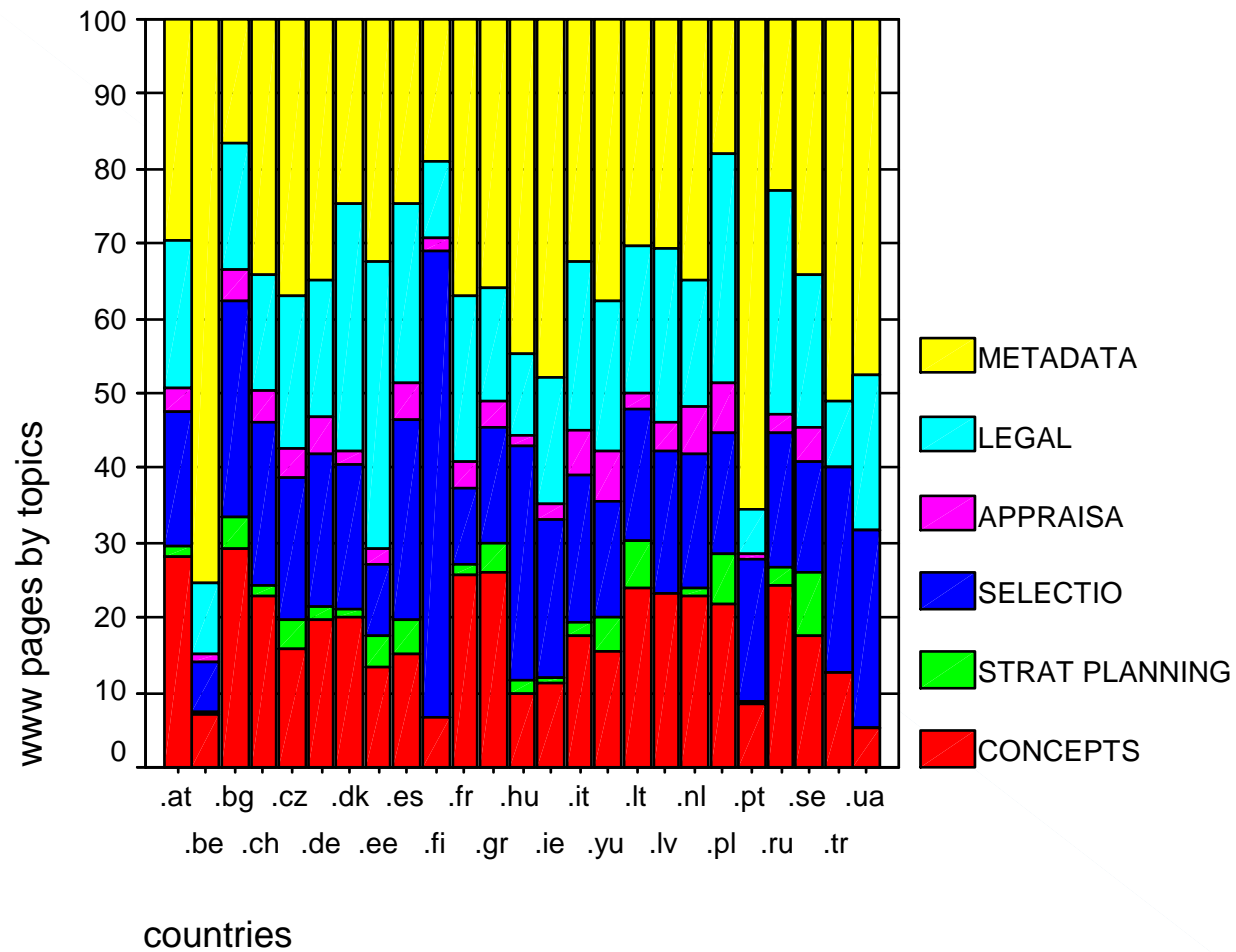
Subcluster



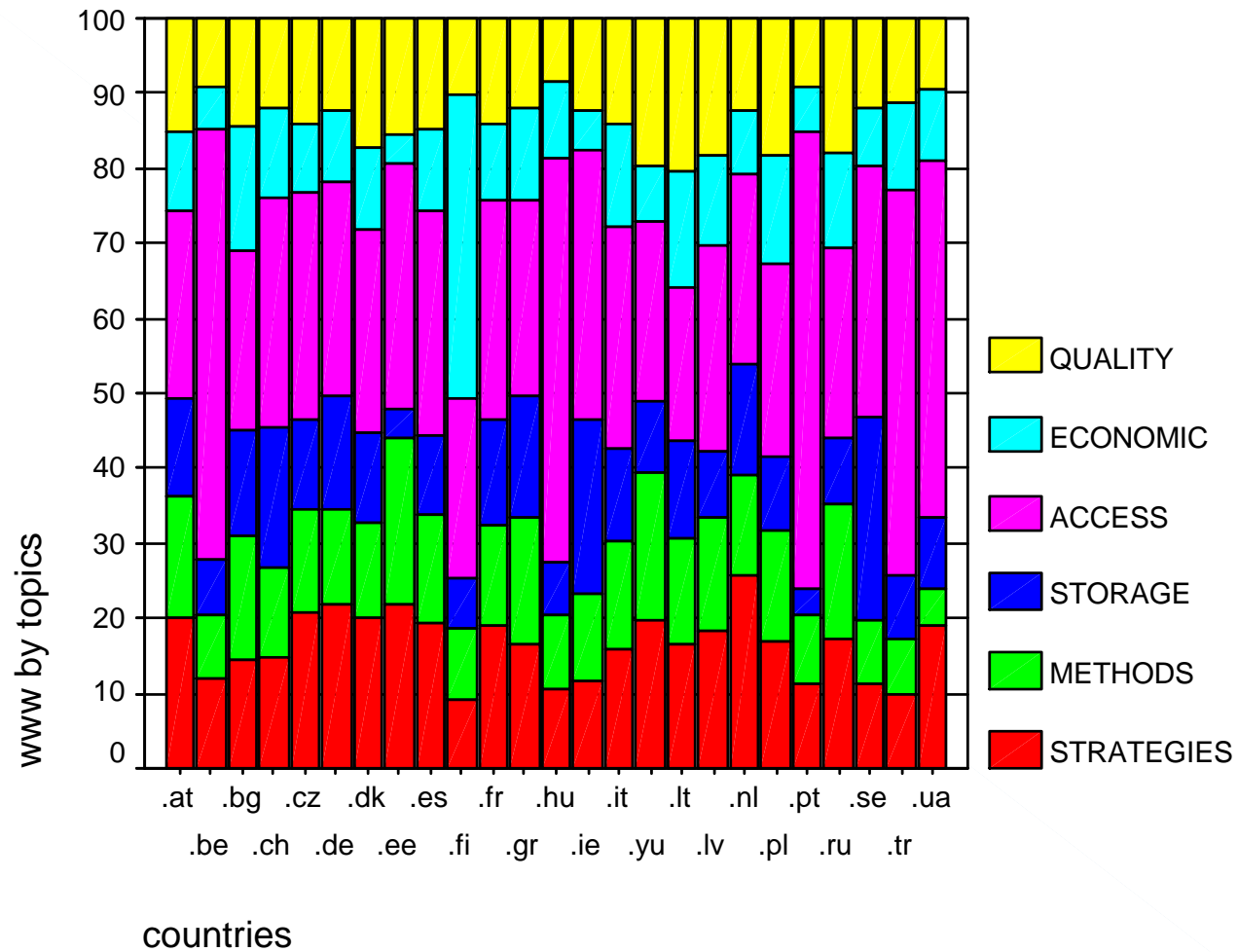
By topics



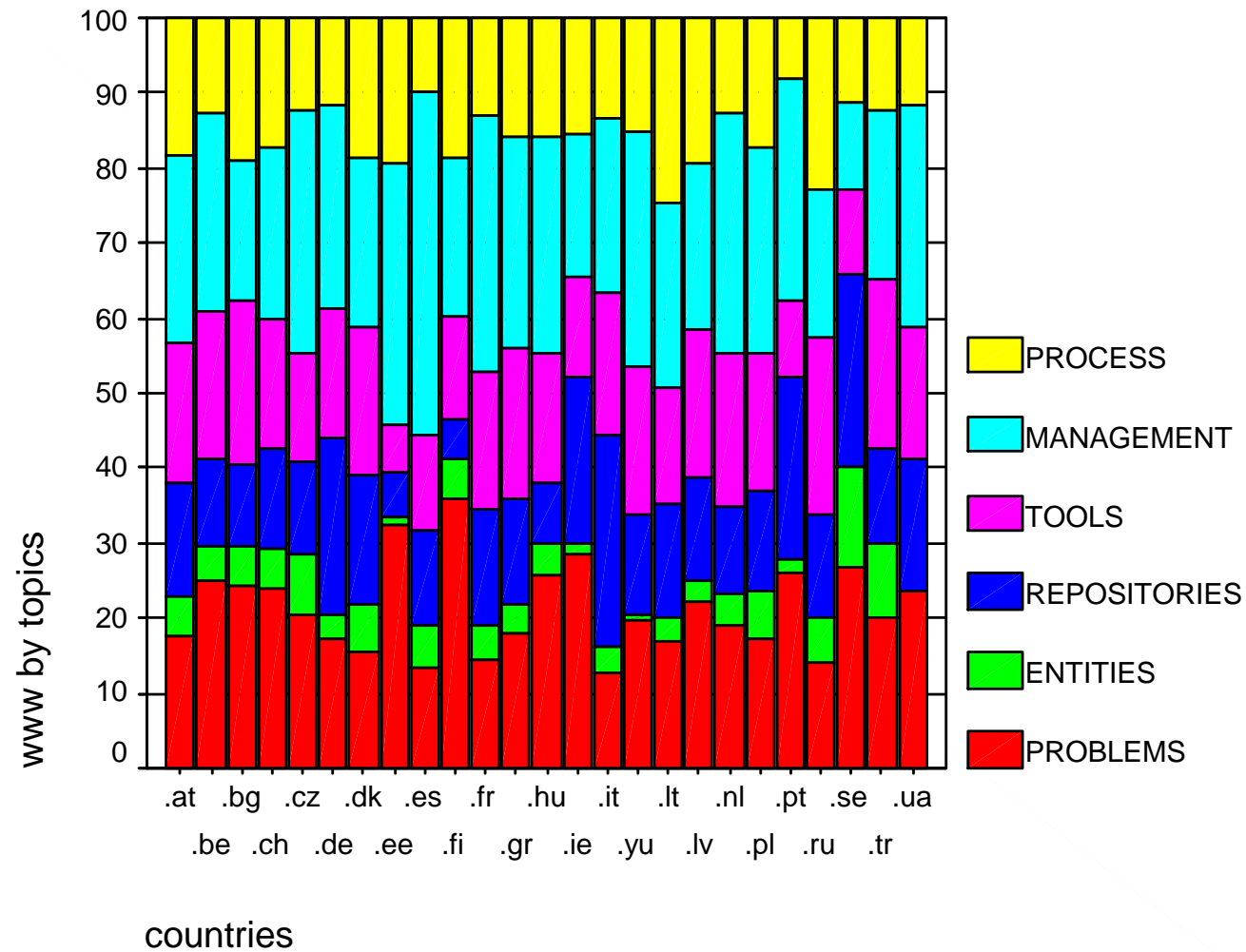
Topics by countries I



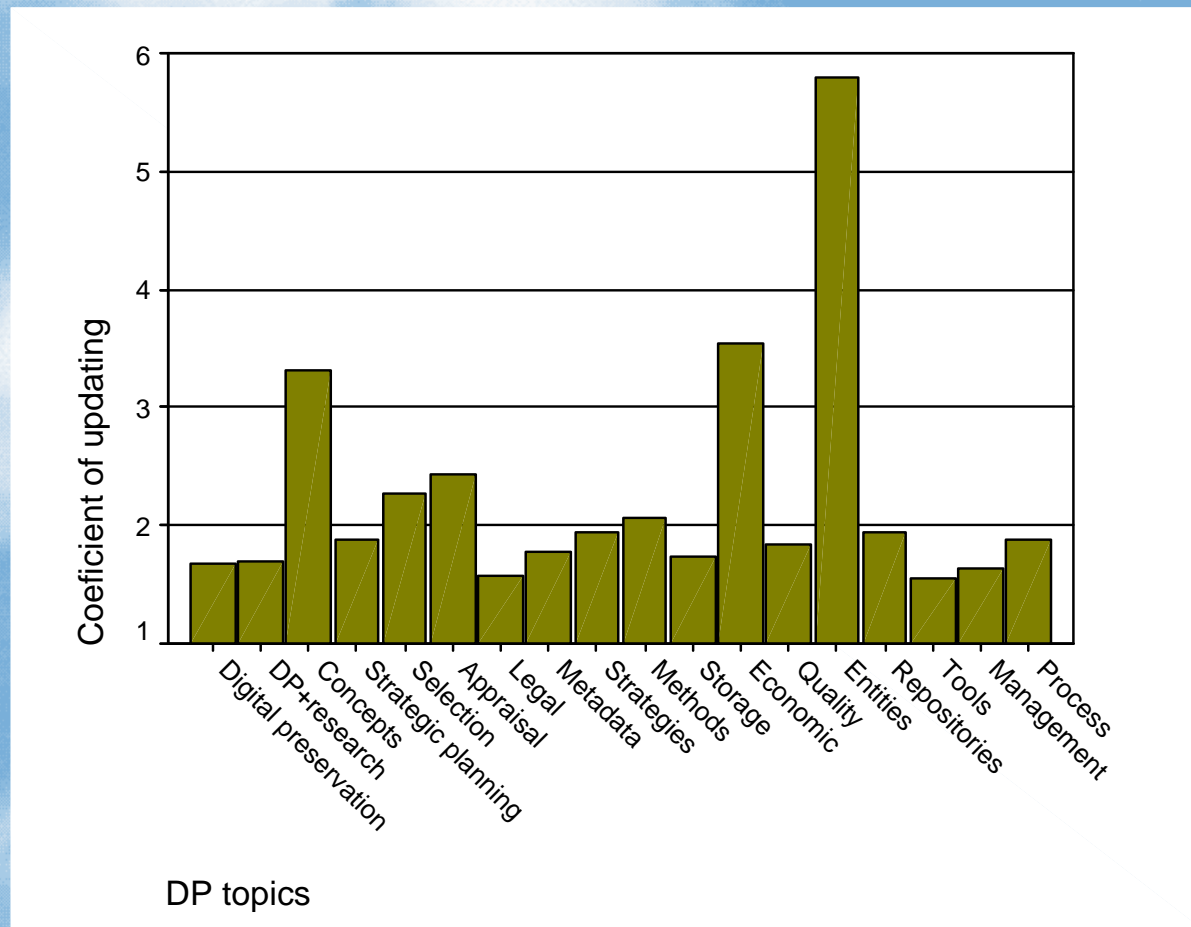
Topics by countries II



Topics by countries III



Updating coefficient = total number of web pages / number pages, that was updated within the past 3 months

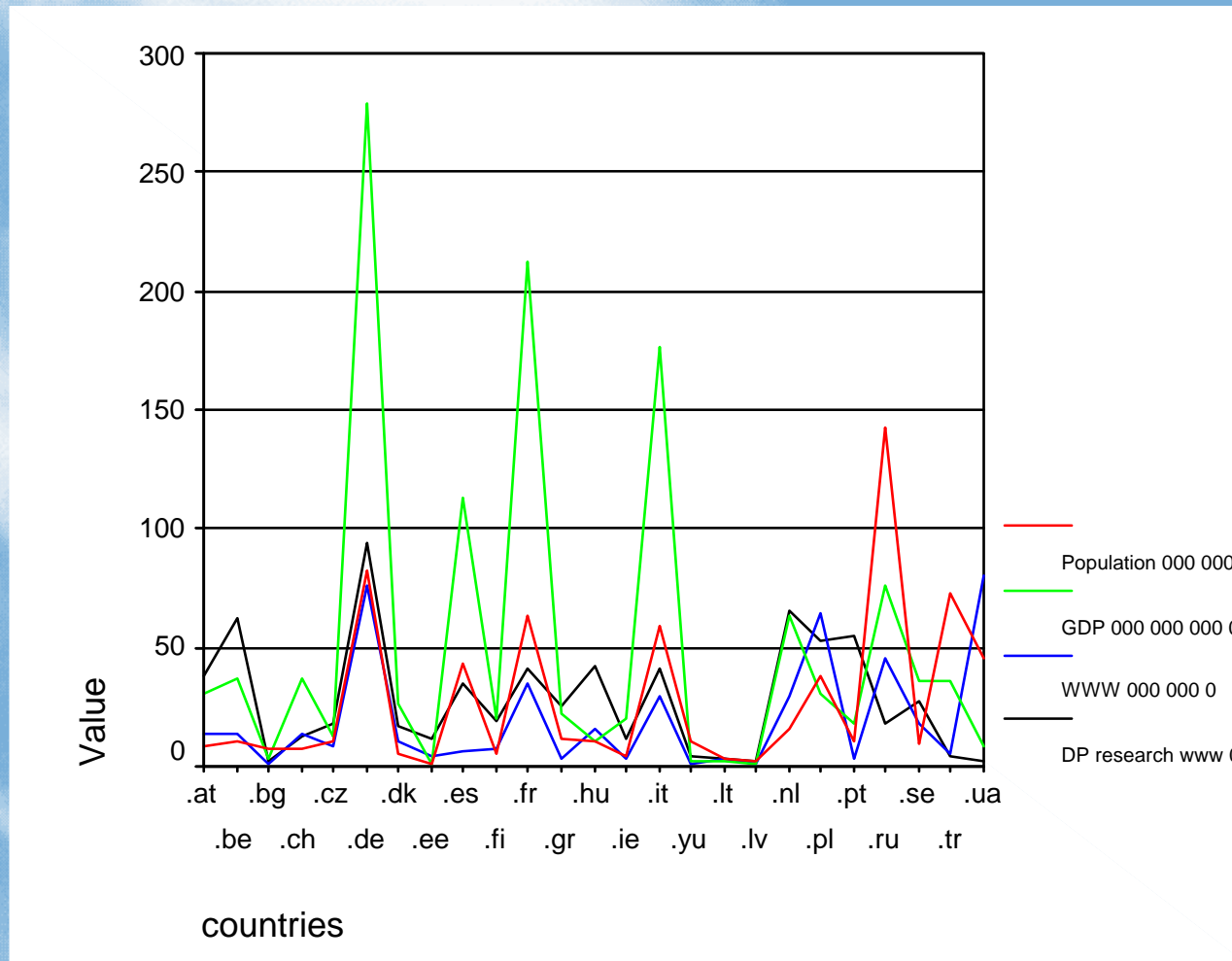


Pearson correlation with independent criteria

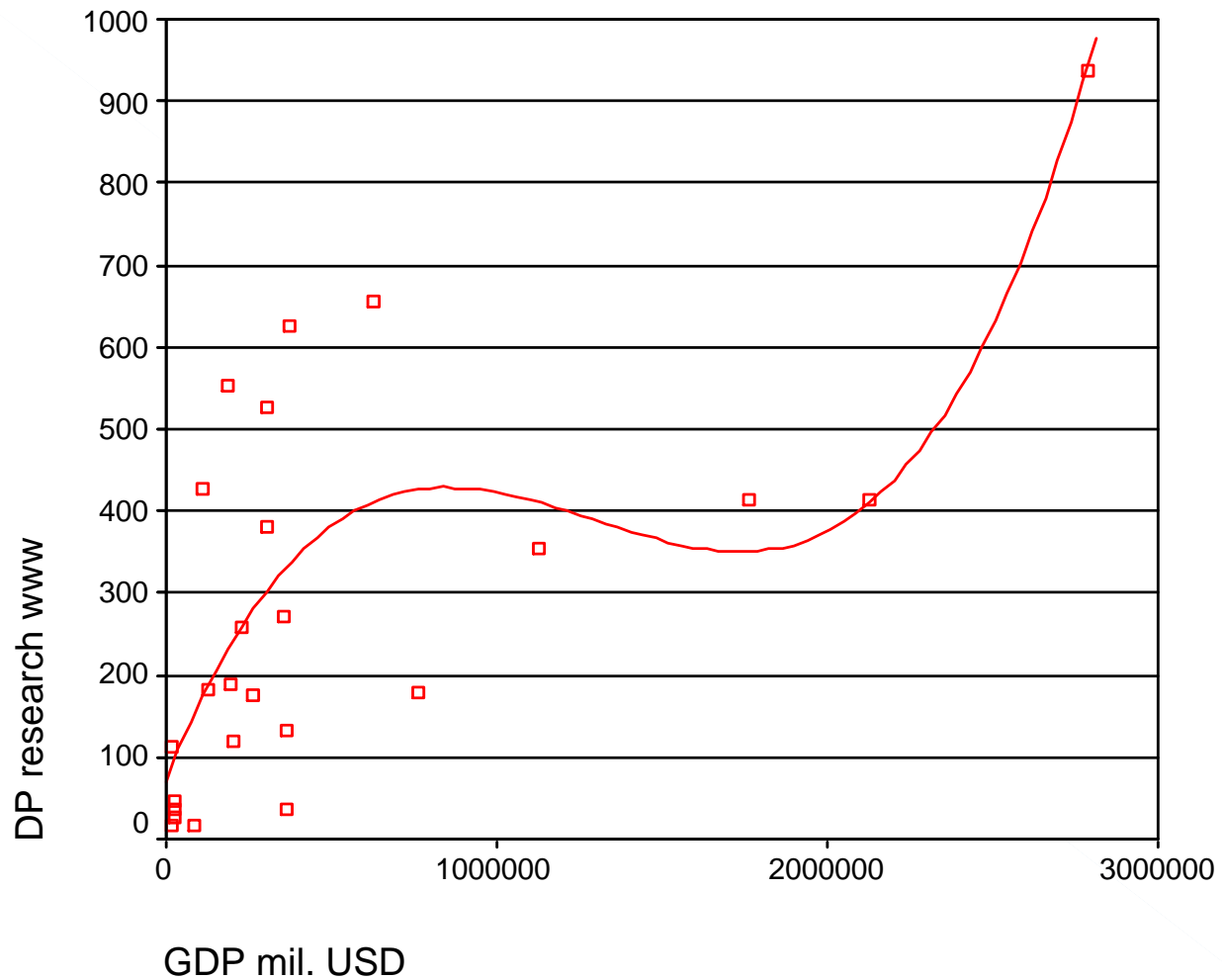
Correlation is significant at the 0.01 level (2-tailed).

Independent criterias	Digital preservation research total
Population (mil)	0,194314987
GDP (mil USD)	0,444154179
WWW (mil)	0,26447852
Euro creative class index	0,102069214
Research and development intensity coeficient	0,058405648

Relation between independent criteria and DP researches



Regression between GDP and DP researches



The background of the slide is a photograph of a bright blue sky filled with soft, white, fluffy clouds. The clouds are scattered across the frame, with some appearing more prominent than others. The overall tone is bright and positive.

Thank You