

Management Information Systems, Fall 2017, Assignment 3 (max 4 points)

Conduct a simple research profiling ('big picture') study on scientific research articles related to **any MIS lecture or book chapter or trend report topic**.

Your search should result in an adequate number of hits (>100) for the profiling to be meaningful. You may first scroll through two examples of broader research profiling studies (utilizing advanced text-mining and visualization tools) on digital games at www.digra.org/dl/db/07311.26413.pdf or on aesthetics research at <http://www.tandfonline.com/doi/full/10.3402/jac.v8.30072> to get the idea of research profiling. Required report length is ca. 4-5 pages (in addition to text, use plenty of illustrations, such as top-10 tables and trend graphs).

- 1) Go to our library's Business guide at <http://libguides.aalto.fi/business> and click **Articles**
- 2) Scroll all the way down, select **Scopus OR Web of Science (WoS)** database from the list under **Reference databases**
 - In case you are *off-campus*, log in with your Aalto ID and password when prompted.
- 3) Conduct a basic search with a relevant search phrase related to the MIS topic you chose. Remember to use quotation marks in all "multi-word terms" such as "enterprise resource planning" or "artificial intelligence".
 - Using the dropdown menu, you may target your search to the article titles only, or also to keywords and abstracts (in WoS the latter option is called a *Topic* search)
- 4) From the left panel, you may limit to / refine your search results e.g. to include only English language publications, or only journal articles, or a specific time interval of your choice, etc.
- 5) Report your search results (i.e. profile the research on the MIS topic you selected):
 - a) **First basics**: Describe which database (Scopus or WoS) you selected, and what was your exact search phrase, how many articles resulted overall / after possible refinement, what was the publication year span of the results, etc. general info.
 - b) **More detailed results**, study e.g. who are the top-10 authors, what are the top-10 journals (source titles), what are the top-10 affiliations/institutions, what are the top-10 keywords (available only in Scopus), which are the most cited articles in this set.
 - **For seeing the most cited articles, use the Sort menus above the results:** in Scopus, sort the search results based on "Cited by (highest)". In WoS sort the search results by "Times Cited – highest to lowest" (or press the "Create Citation Report" icon - under which you can also get the "Published items in each year" graph, which you may save as an image and utilize in your report).
 - **For drawing top-10 tables and trend graphs in WoS**, download the data to a txt-file clicking the "Analyze results" icon first. After selecting the analysis option wanted and clicking "Analyze", save the results via "Save Analysis Data to File". Open the txt-data file with or from Excel. *Repeat for the other top-10 tables.* In Scopus use the "Export refine" link (left panel, scroll down to the bottom) to save all results into a .CSV-file, which you can open with/from Excel for further analyses. Sort data based on frequency, if needed. (In case you don't get the .CSV-data neatly in columns when opening it in Excel, activate the first (A) column, and choose "Data" tab, and then choose "Text to Columns").
NOTE: You may also utilize the graphs that Scopus draws when pressing the "Analyze search results" tab (chart icon in the panel above the search results).
 - c) **Concluding words of the research profiling study** (summary + lessons learned)

INSTRUCTIONS FOR RETURNING THE ASSIGNMENT Return the assignment report to MyCourses – Assignments **by 25.9.2017 at 23:55** (midnight).

Note that -1 point is deducted from every late 24 hours of return