## **Evaluation of the Data Search functions**

Two evaluations were done, one for each of the Data Search functions. They can be found <a href="here">here</a> (Keyword-based Search) and <a href="here">here</a> (Correspondence-based Search).

## Explanation of the evaluation documents (see links above)

The first Tab - "Overview"

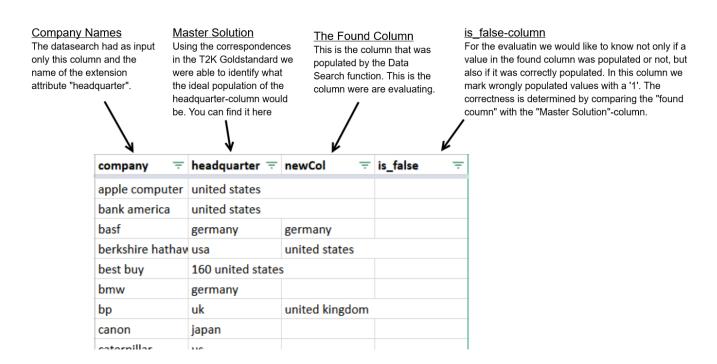
On this Tab is the main Evaluation table. The density-, accuracy-, precision- and recall-numbers for this table were taken from the other Tabs.

	#(Entities)	Density	Accuracy	Precision	Recall
Company-Headquarter	47	55%	100%	100%	55%
Company-Industry	47	87%	100%	100%	87%
Country-Area	200	94%	96%	96%	90%
Country-Capital	200	92%	98%	98%	90%
Country-Code	200	93%	71%	71%	66%
Country-Currency	200	96%	98%	98%	94%
Country-Population	200	94%	96%	96%	90%
Game-Genre	30	80%	100%	100%	80%
Game-Developer	30	77%	95%	95%	73%
Film-ReleaseDate	300	44%	73%	73%	32%
Film-Director	300	93%	100%	100%	93%
Mountain-Altitude	200	4%	100%	100%	4%
Mountain-MountainRange	200	0%	0%	0%	0%
City-Mayor	200	98%	99%	99%	97%
City-PopulationMetro	200	99%	96%	96%	95%

## The other Tabs

On each of the other tabs is one table that was extended by the Data Search function. e.g. on the Tab "1. Company-Headquarter" is a table of Company-names that was extended with the additional column "Headquarter" (= headquarter location).

The Table is structured as follows:



Next to the table is a box that contains the calculation for the precision, recall, density and accuracy. These values were copied into the main Evaluation table on the "Overview"-tab.

true_postives	26	Precision	100,00%
true	47	Recall	55,32%
positives	26		
number_of_entities	47	Density	55,32%
		Accuracy	100,00%