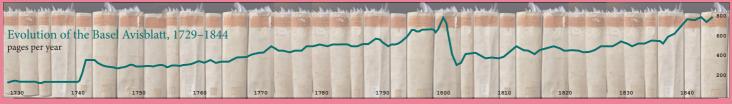
A Paper Full of Things

Quantitative and Qualitative Approaches to Early Modern Newspaper Advertisements

The Basler Avisblatt, one of many intelligence news- interests, to spin the socioeconomic web of a town in considered for closer systematic and content-related papers that became popular in the eighteenth century, contains all kinds of classified advertisements, for economic exchange, to link persons of complementary is the main reason why this source type has not been qualitative approaches.

transition, from early modernity to the industrial age. studies so far. The huge mass of information found in seemingly By using digital tools and computational methods, selling books, renting rooms, offering jobs or looking innumerable advertisements - intelligence news- we want to facilitate an extensive and comprehensive for lost poodles. It reflects myriads of ways to organise papers like this often appeared over many decades - analysis of the Avisblatt, combining quantitative with



The digitized collection of the Avisblatt, published in 6625 issues from 1729 to 1844 with a total of 47 495 pages and around 750 000 adverts, has been uploaded into freizo, an online data base and working environment by data futures. Every year and every issue is now available as IIIF manifest. We enhanced the Mirador annotation mask to categorize the single ads, building up the data base.

Every ad is annotated and classified on a first level, according to content, type and transaction mode.

The subprojects can filter subsets after the first annotation step and, with adapted masks, classify further, according to research interests.

Up to now, the classification is done manually. After annotating five years, the classified advertisements will be used for machine learning to enable the classification of all adverts in the whole corpus on B I P R D I T T a first level.

Generating a database through annotation

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ID	issue	year	month	date	page	creator ORCID	type	content	allocation	keywords	text	notes
112689	6	1842	1	6		0000-0001- 8225-7851	Kauf	Lebensmittel	Biete	Ort	immer schöne Forellen, Krebse und Aale zu	Abbild
112690	6	1842	1	6		0000-0003- 2419-4252	Kauf	Lebensmittel	Biete	Ort; Preis	Rheinwein, die große Flasche à 35 Batzen, wird Kennern eines edeln, reelen Gewächses und Freunden eines feinen	typogr aphisc he Hervor hebung
112691	6	1842	1	6		0000-0003- 2419-4252	Kauf	Landwirtschaft	Biete	Ort	19. Einige Wagen guter Bau, um billigen Preis; in No. 1138 Weissegasse zu melden.	
112692		1842		6		8225-7851	Kauf	Werkzeug	Biete	Ort; Preis	21. Bei Unterzeichnetem steht ein schöner Ambos von dritthalb Centner, Lyoner Façon, zu verkaufen. Fr. Pöhls, Schlossermeister.	
112693	6	1842	1	6		0000-0003- 2419-4252	Kauf	Lebensmittel	Biete	Ort; Preis	23. Gut ordin. Baumöl zu 6 Btz. das lb, zum Essen, und auch in Fabriken zum Maschinenschmieren gebrauchbar; in No. 120 am Blumenrain.	

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1800 by using Transkribus. The Character Error Rate of both models is below 1%, the accuracy of the text recognition is very high.

We have trained two different HTR+ mo-

dels for the gothic print before and after

Given the not standardized writing, text mining has to deal with irregularities and build vocabularies that could be useful for other sources of the same time and area.

The layout of the Avisblatt changes over the years, switching between one, two and three columns, with multi-comlumn or multi-page ads and special layouts for price lists, annual indices etc.

We are currently training a layout model with dhSegment that aims at a combination of automated layout recognition and post processing. The resulting coordinates for the single advertisements are fed into Transkribus, generating full text page xml on advert level.

future research

Reimann is discovering the world of things, especially the second hand mar-ket, and Ina Serif is interested in ways of announcing, selling and projecting

Interested in real estate? Or poodles?