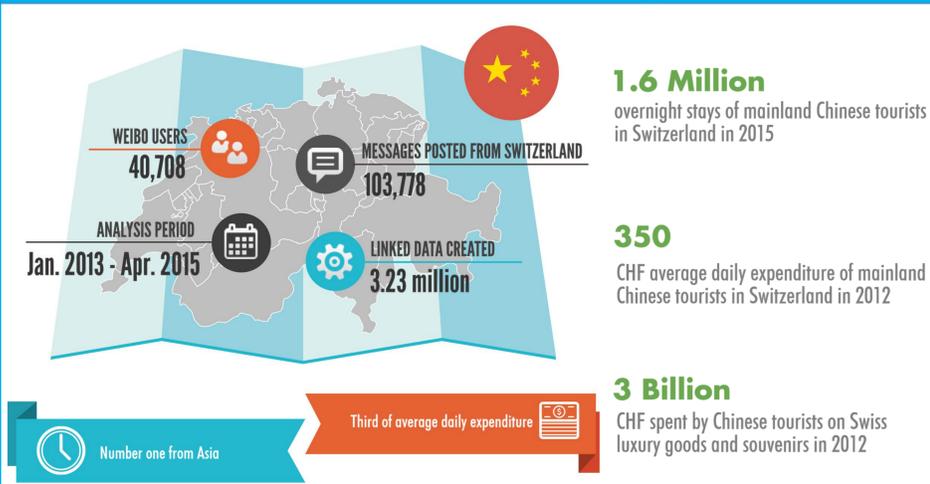


SWICICO: Social Media Analysis Based on Linked Data for New Trends of Chinese Tourists in Switzerland

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Introduction and Background



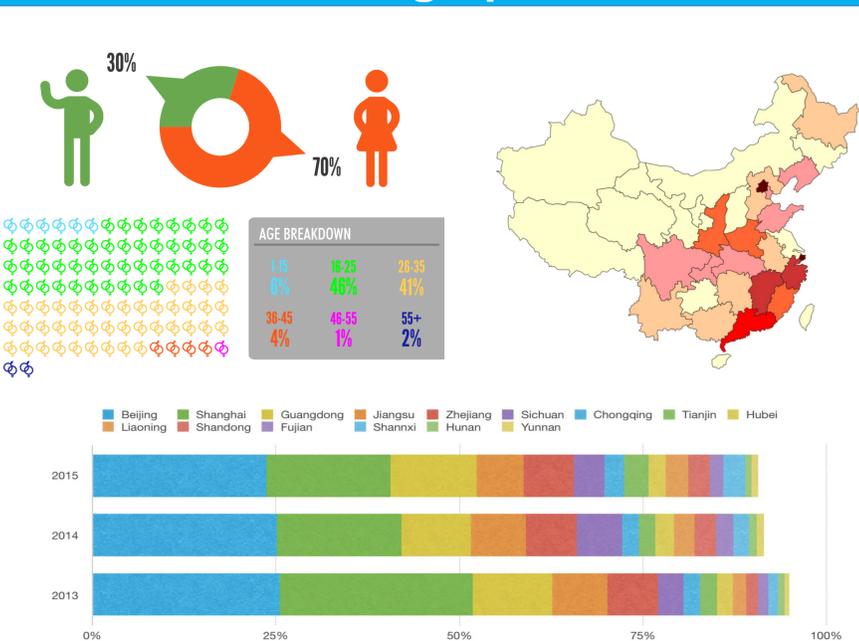
Research Questions

Who are these tourists and where do they travel in Switzerland? The real name registration applies to Weibo, it is possible to identify these tourists' characteristics, such as gender, age, etc.

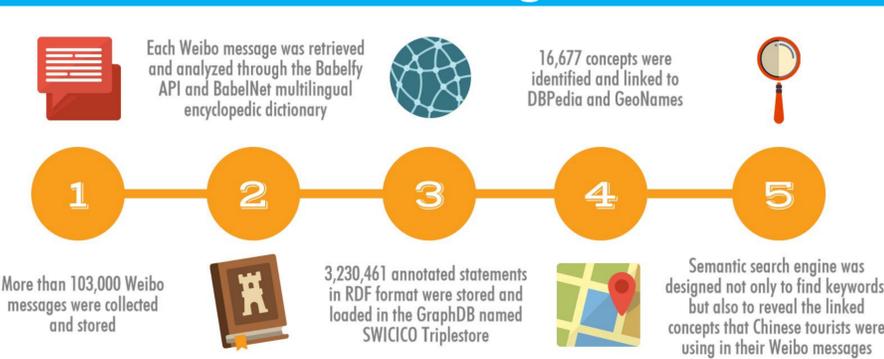
What are their interests towards Swiss tourism? This would provide valuable insights in determining Chinese consumption patterns in Switzerland.

What are the new trends among Chinese tourists in Switzerland? For example, what are their travel habits in Switzerland, and what are their impacts on tourism destinations?

Demographics

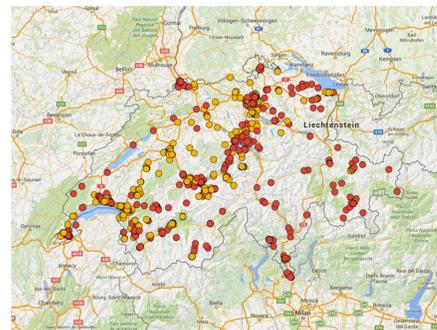


Methodologies

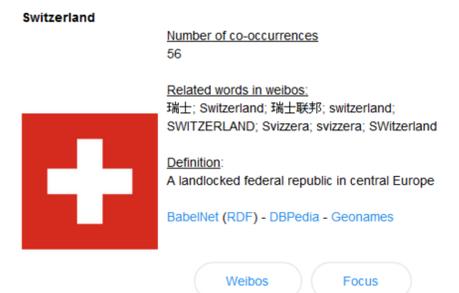


Key Findings

First time vs. multiple time visitors



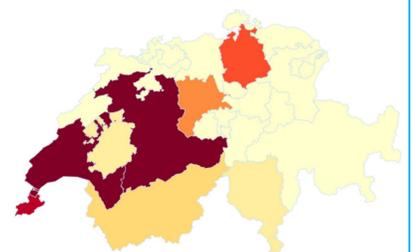
Semantic search



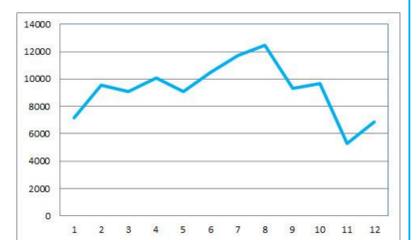
Most frequently appearing nouns

TRENDS	2015	2014	2013	NOUNS
→	1	1	1	Switzerland
→	2	2	3	Snow Mountain
↗	3	6	8	Zurich
↗	4	5	7	Geneva
→	5	4	5	Town
→	6	7	4	Hotel
↗	7	9	13	Feeling
→	8	10	6	Snow
↗	9	11	14	Lucerne
↗	10	12	15	Alps
↗	11	18	17	Weather
→	12	14	10	Jungfrau
↘	13	8	9	Train
↗	14	16	16	Interlaken
↗	15	17	19	Lake
↘	16	15	12	Landscape/Nature/Scape
↘	17	13	11	Weibo
↗	18	20	19	Mountain
↗	19	24	27	Chocolate
↗	20	22	-	Basel
↘	21	-	-	WeChat
↗	22	25	20	Bern
↗	23	30	21	Breakfast
↗	24	29	24	Restaurant
→	25	26	23	Lausanne
↘	26	-	-	Watch
↗	27	28	22	Richness
↘	28	-	-	Montreux
↘	29	21	25	Swan
↘	30	-	-	School

Distribution map



Post pattern analysis



Conclusion and Implications

Filled an important gap in the literature on Chinese consumers' behaviors in Switzerland based on social media platforms by using **Linked Data** technologies.

Classified and analyzed massive datasets from Sina Weibo, **advanced visualization** and **semantic search** features facilitated the discovery of interesting places and activities in Switzerland.

Provided a simple way to help Swiss tourism agencies obtain **valuable insights** into tourism marketing strategies, especially to communicate with individual tourists.

For More Information

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Data Semantics Lab

