





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

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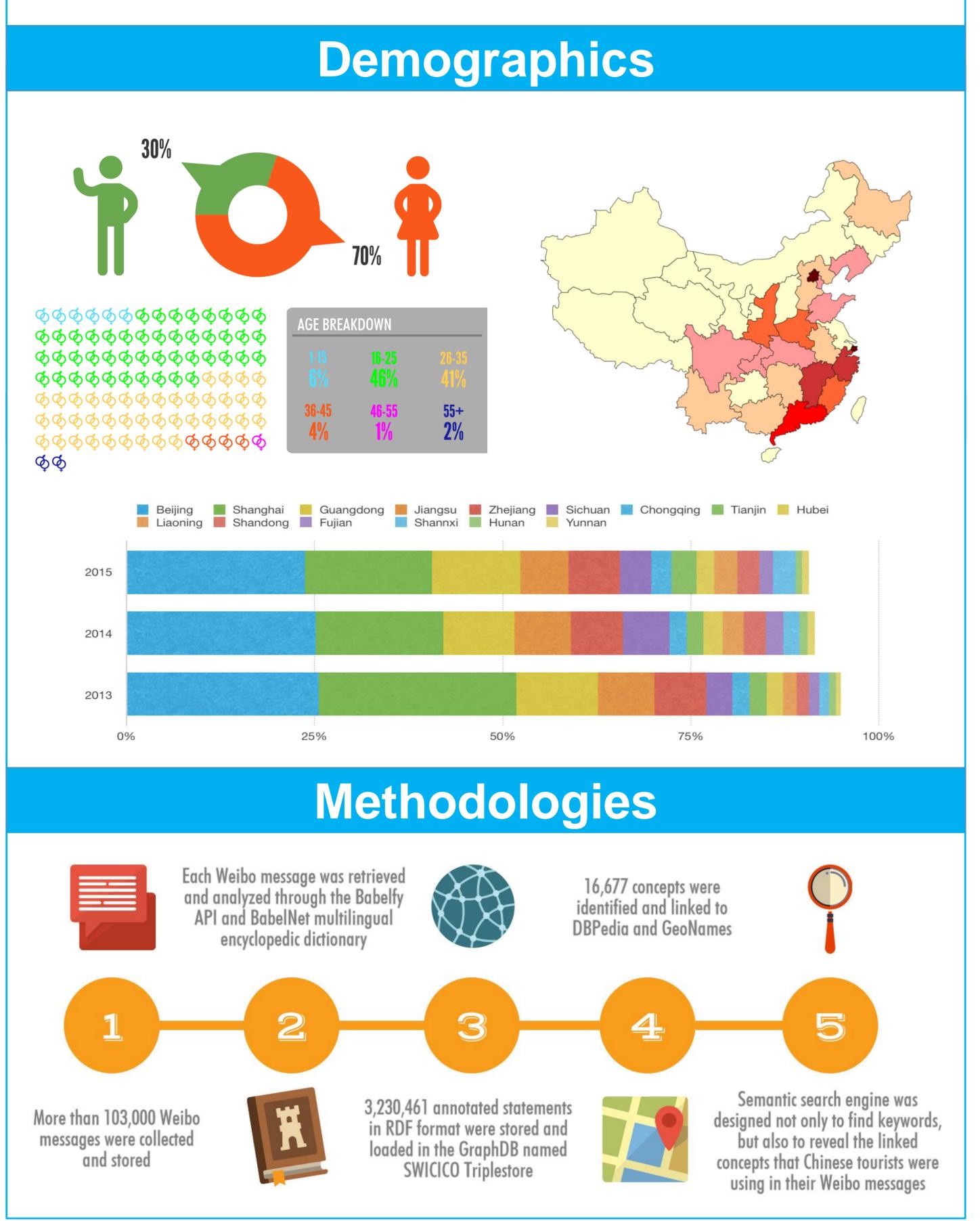
Introduction and Background overnight stays of mainland Chinese tourists in Switzerland in 2015 WEIBO USERS **MESSAGES POSTED FROM SWITZERLAND** 40,708 103,778 **ANALYSIS PERIOD** 350 LINKED DATA CREATED Jan. 2013 - Apr. 2015 CHF average daily expenditure of mainland 3.23 million Chinese tourists in Switzerland in 2012 3 Billion Third of average daily expenditure CHF spent by Chinese tourists on Swiss luxury goods and souvenirs in 2012 umber one from Asia

Research Questions

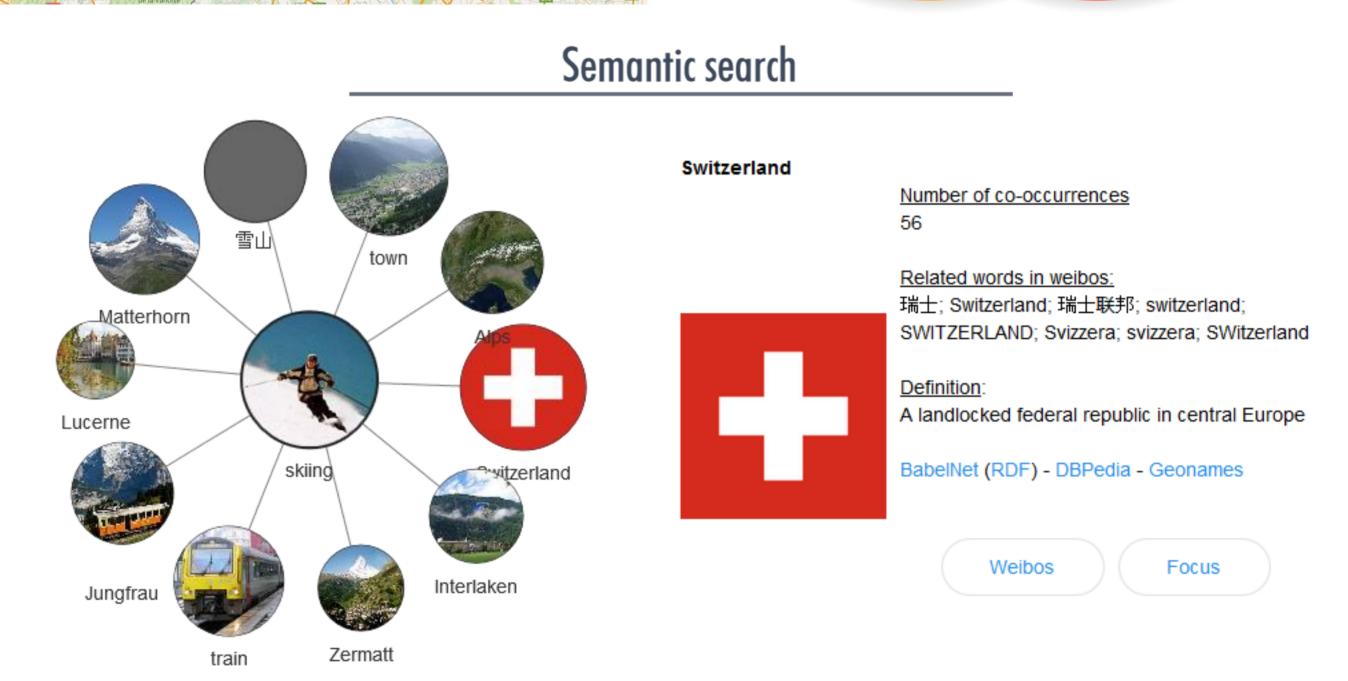
Who are these tourists and where do they travel in Switzerland? The real name registration applies to Weibo, it is possible to identify these tourists' characteristics, such as gender, age, etc.

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?



Key Findings First time vs. multiple time visitors St. Moritz Lausanne Montreux Schilthorn Glacier BaselWorld Friends **Breakfast** Airplane Diner **Auto Show**



Most frequently appearing nouns

Most frequently appearing nouns					Distribution map
TRENDS	2015	2014	2013	NOUNS	
→	1	1	1	Switzerland	The state of the s
)	2	2	3	Snow Mountain	
7	3	6	8	Zurich	
7	4	5	7	Geneva	
→	5	4	5	Town	The second secon
)	6	7	4	Hotel	
71	7	9	13	Feeling	
→	8	10	6	Snow	
71	9	11	14	Lucerne	
71	10	12	15	Alps	
71	11	18	17	Weather	
→	12	14	10	Jungfrau	
71	13	8	9	Train	
71	14	16	16	Interlaken	D
71	15	17	19	Lake	Post pattern analysis
Z	16	15	12	Landscape/Nature/Scape	
Z	17	13	11	Weibo	
71	18	20	19	Mountain	14000
71	19	24	27	Chocolate	MINISTER TO PROGRAMMENT TO PROGRAMME
7	20	22	~	Basel	12000
O	21	1.70	-	WeChat	10000
71	22	25	20	Bern	
7	23	30	21	Breakfast	8000
7	24	29	24	Restaurant	6000
→	25	26	23	Lausanne	
O	26	-	-	Watch	4000
7	27	28	22	Richness	2000
O	28	-	¥	Montreux	2000
7	29	21	25	Swan	0
o	30	-	2	School	1 2 3 4 5 6 7 8 9 10 11 12

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.

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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