



Cartography M.Sc.

Reclaiming Place Through Marginalized Narratives

A Critical Geography and Humanistic Approach to the Cartographic Visualization of Beyoğlu, Istanbul

Ceren Dolma

Outline



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Visualization and User Study Development

Results and Interpretation

• Limitations, Conclusion & Outlook





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Research Objectives



RO2: Applying and developing contentdriven, place-based visualization techniques rooted in feminist visualization principles for the Beyoğlu- I will survive map and documenting this process.









RO1: Raising a better understanding of countermaps and the visualization techniques they employ.

possibilities of unconventional and content-driven visualization techniques in the case of Beyoğlu - I will survive map, for countermapping in general, and beyond.

Beyoğlu Map as a Counter-Map

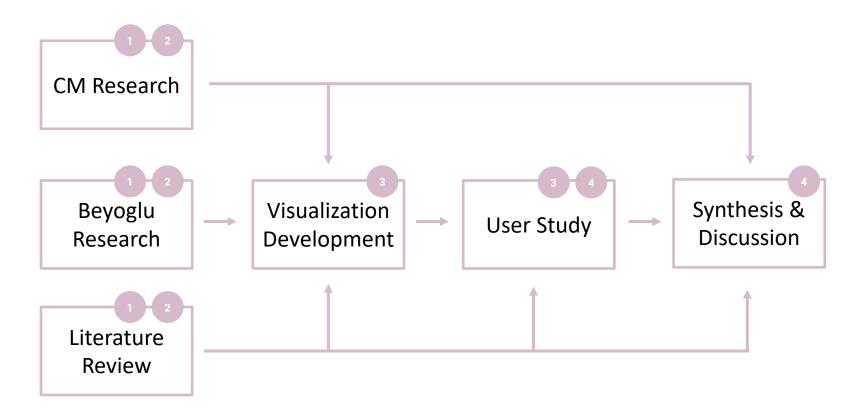


RO1: Raising a better understanding of counter-maps and the visualization techniques they employ.

- **RQ1:** What kind of counter-maps exist?
- **RQ2:** What are the needs, challenges, and innovations of countermaps in terms of visualization techniques?

Methods

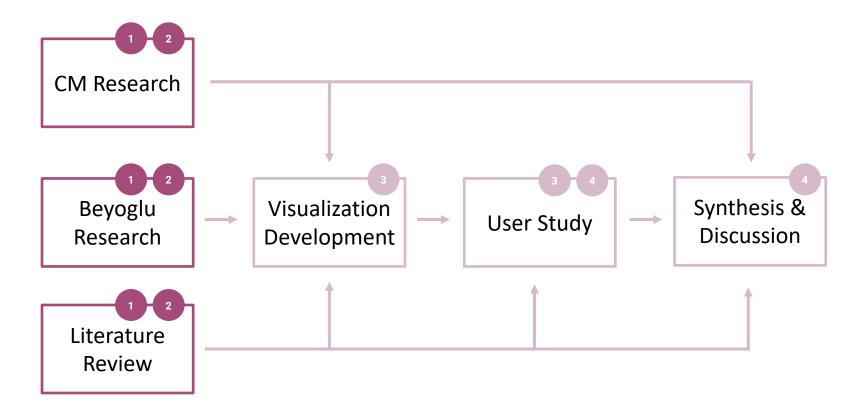






Methods



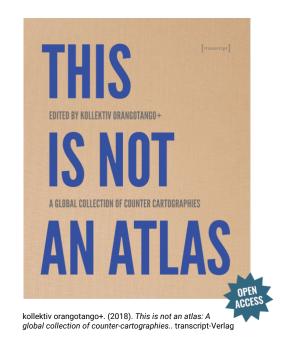




Characteristics and Needs of Counter-Maps



- Authorship and Audience
- Topics and Purpose
- Data Source and Collection
- Technologies and Tools
- Visualization Techniques



Characteristics and Needs of Counter-Maps



Characteristics and Needs of the Beyoğlu Map

Authorship and Audience

One of many projects in collaboration with the organization and participants

- Topics and Purpose
- Data Source and Collection
- Technologies and Tools
- Visualization Techniques

Mapping process as a creative tool to gather opinions and raise awareness to the spatial injustices that those who contributed to the map disagree with and feel disempowered by

Idea-driven: Data collected specifically for this project

No need for formal recognition or acceptance

Need to be recognized and understood

Need to creatively reclaim place while encouraging the map reader to get involved



Visualization and User Study Development



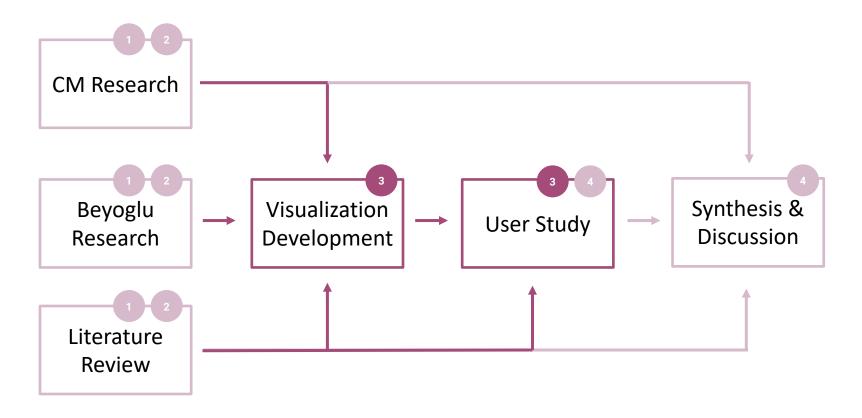
RO2: Applying and developing content-driven, place-based visualization techniques rooted in feminist visualization principles for the Beyoğlu– *I will survive* map and documenting this process.



RQ3: What would the Beyoğlu – *I will survive* map look like with content-driven visualization techniques rooted in the feminist visualization principles?

Methods

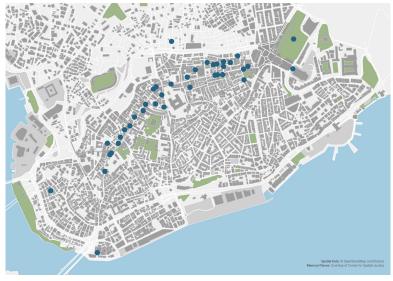






RQ3.1 To what extent can distortions and the open-world assumption convey the relative importance of places and help embrace pluralism?



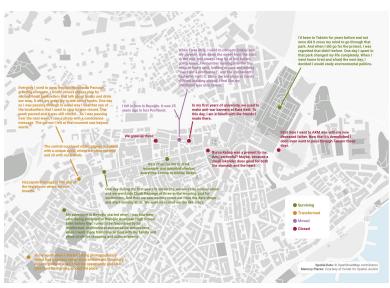


Мар А

Map B

RQ3.2 To what extent can direct integration of text and keywords as non-geographic labels help elevate emotion and affect?



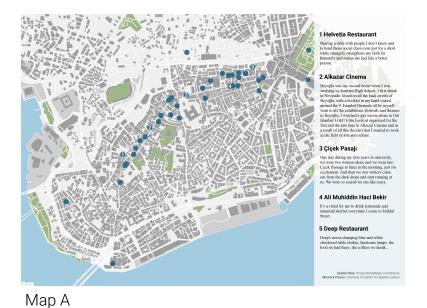


Мар А



RQ3.3 To what extent can sketch maps challenge power and aspire to empowerment?





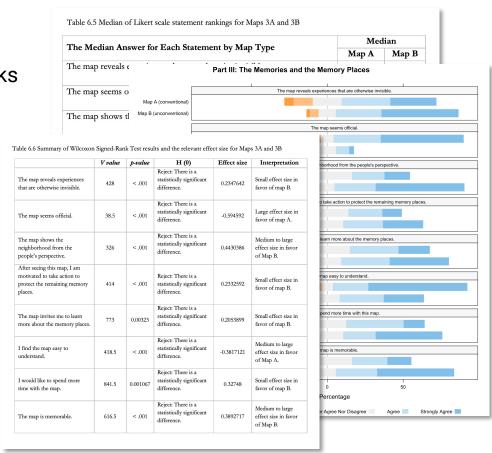


Мар В

User Study



- Online Questionnaire open for 2 weeks
- 103 respondents
- Three-Part Structure
- Likert scale Statements
- Quantitative Analysis
 - Median
 - Stacked Bar Charts
 - Wilcoxon Signed-Rank Test
 - Effect Size



Results and Interpretation



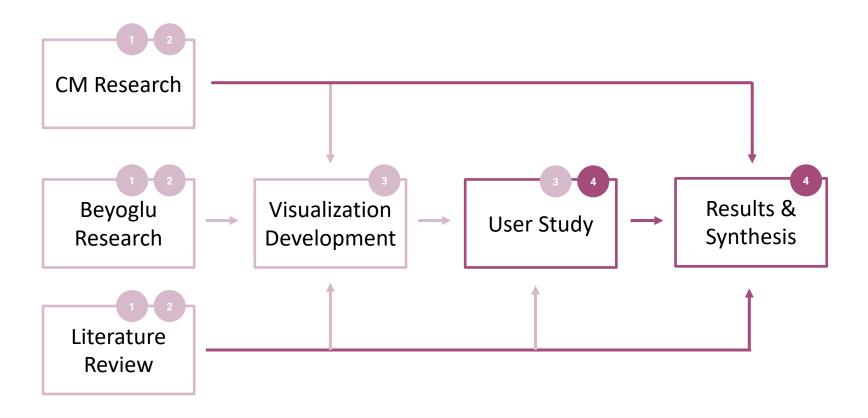
RO3: Presenting limitations and possibilities of unconventional and content-driven visualization techniques in the case of Beyoğlu – *I* will survive map, for counter-mapping in general, and beyond.



RQ4: What insights can be generated from the process of developing and evaluating content- driven visualizations for the Beyoğlu – *I will survive* map case study, for the wider context of counter- mapping and beyond?

Methods

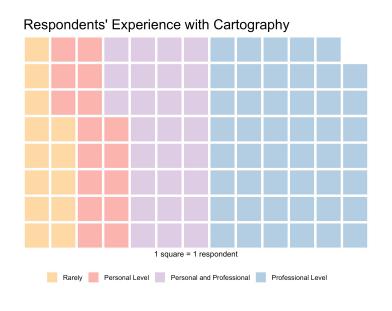


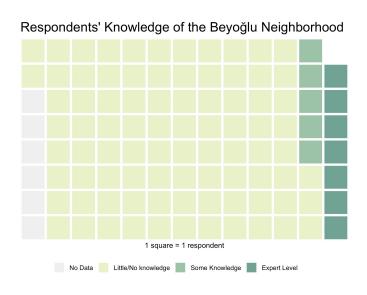




About the Respondents

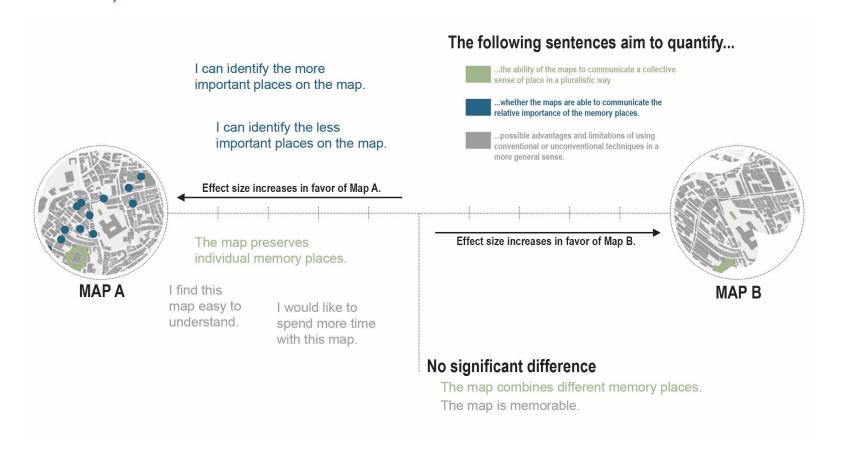






RQ3.1 To what extent can distortions and the open-world assumption convey the relative importance of places and help embrace pluralism?

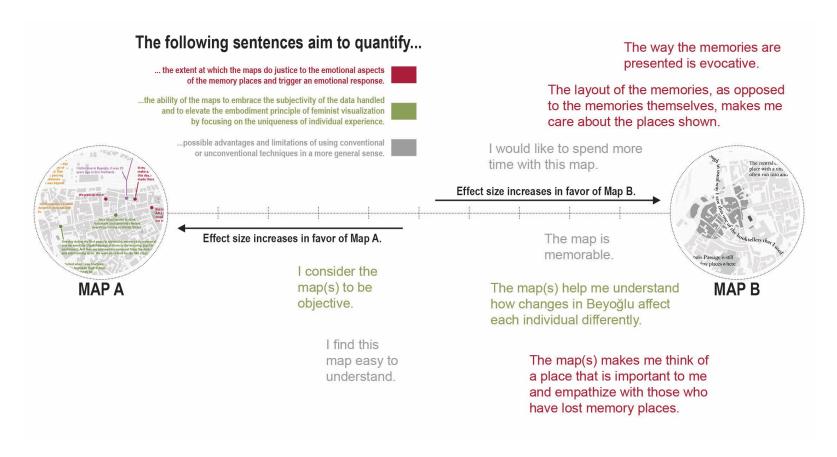






RQ3.2 To what extent can direct integration of text and keywords as non-geographic labels help elevate emotion and affect?





RQ3.3 To what extent can sketch maps challenge power and aspire to empowerment?







Limitations

Conclusion & Outlook

- Target Audience?
- Conventional vs unconventional
- More participatory methods?
- Positionality

- Feminist visualization principles call for innovation
- Existing counter-maps can act as inspiration
- Unconventional techniques require a compromise: easy to understand vs. meeting aims
- Goal-setting in advance and testing visualizations recommended

References



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Everyday I used to pass through Hazzopulo Passage greeting everyone. I would almost always stop by second-hand booksellers and talk about books and drink our teas. It was my great joy to talk about books. One day as I was passing through in usual way I saw that one of the booksellers that I used to stop by was closed. One week passed and it was still closed... As I was passing over the next week, I saw a photo with a condolence message. The sorrow I felt at that moment was beyond words.

I fell in love in Beyoğlu. It was 25 years ago in İnci Profiterol.

In my first years of university, we used to make anti-war banners at Kara Kedi. To this day, I am in touch with the friends I made there.

When I was little, I used to come to Istiklal with

my parents, walk down the street from the start

to the end, and always stop by at Inci before

going home. I remember running into the tiny

shop to find a spot, looking around and asking "Can I get a profiterole?", and the excitement I had when I got it. Since the old place at Cercle d'Orient building closed, I feel like my childhood was also stolen.

We grew up there.

The central courtyard of Hazzopulo is a place with a unique spirit, where we often run into and sit with our friends.

> It's a ritual for me to drink lemonade and tamarind sherbet everytime I come to Istiklal Street.

Bursa Kebap was a present to me. Am I sorrowful? Maybe, because a small iskender does good for both the stomach and the heart.

I'd been to Taksim for years before and not once did it cross my mind to go through that park. And when I did go for the protest, I was regretted that didn't before. One day I spent in that park changed my life completely. When I went home tired and afraid the next day, I decided I would study environmental politics.

First time I went to AKM was with my now deceased father. Now that it's demolished I don't even want to pass through Taksim these days.

Hazzapulo Passage is still one of the few places where we can breathe.

One day during my first years in university, we were two women alone and we went into Çiçek Passage at three in the morning, just for excitement. And then we saw waiters come out from the dark shops and start running at us. We were so scared we ran like crazy.

My adventure in Beyoğlu started when I was fourteen after being accepted to Beyoğlu Anatolian High School. Even before that I used to be fascinated by its intellectual, multicultural and versatile atmosphere when I went there from time to time with my family and close circle for shopping and cultural events.

In my youth when I started taking photographs my friend had a camera repair shop in Narmanlı Dormitory. I used to go there when I had the opportunity and also give food for the cats around the place.

Surviving

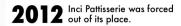
Transformed

Moved

Closed

Spatial Data: @ OpenStreetMap contributors Memory Places: Courtesy of Center for Spatial Justice





I fell in love in Beyoglu. It was 25 years ago at Inci Profiterol.



Since the old place closed, I feel like my childhood has been stolen from me.

Everyday I used to pass through Hazzopulo Passage, greeting everyone. I would almost always stop by second-hand booksellers and talk about books and drink our teas.

The cent place with often rur

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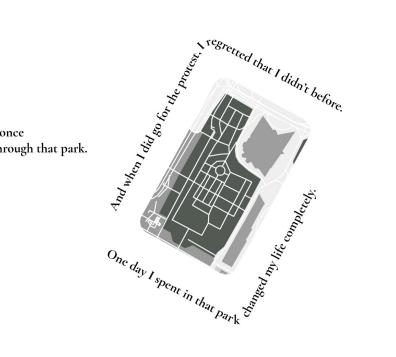
Hazzopulo Passage is still one of the few places where we can breathe.

all here

As I was passing over the next week, I saw a photo with a condolence message. The sorrow I felt at that moment was beyond words.

2013 Gezi Park protests spread across the country.

I had been to Taksim for years but not once did it cross my mind to go through that park.



When I went home tired and afraid the next day, I decided to study environmental politics.



1 Helvetia Restaurant

Sharing a table with people I don't know and to bend those social class even just for a short while strangely strengthens my faith for humanity and makes me feel like a better person.

2 Alkazar Cinema

Beyoğlu was my second home when I was studying in Austrian High School. I first drank in Nevizade, kissed in all the back streets of Beyoğlu, with a booklet in my hand toured around the 9. Istanbul Biennale all by myself, went to all the exhibitions, festivals and theatres in Beyoğlu, I watched a gay movie alone in Out Istanbul LGBT Film Festival organized for the first and the last time in Alkazar Cinema and as a result of all this decided that I wanted to work in the field of arts and culture.

3 Çiçek Pasajı

One day during my first years in university, we were two women alone and we went into Çiçek Passage at three in the morning, just for excitement. And then we saw waiters come out from the dark shops and start running at us. We were so scared we ran like crazy.

4 Ali Muhiddin Haci Bekir

It's a ritual for me to drink lemonade and tamarind sherbet everytime I come to Istiklal Street.

5 Deep Restaurant

Deep's never-changing blue and white checkered table clothes, hurricane lamps, the food we had there, the coffees we drank...

