

# Visualizing Match-up Data

Cong Qiaoben

# Prior work: Dotabuff



## Prior work:

- ▶ Hard to compare between tables
- ▶ No macro insights

# Project description

- ▶ Automatically visualize the entire match-up matrix
- ▶ Data source: Dota2 match-up data.

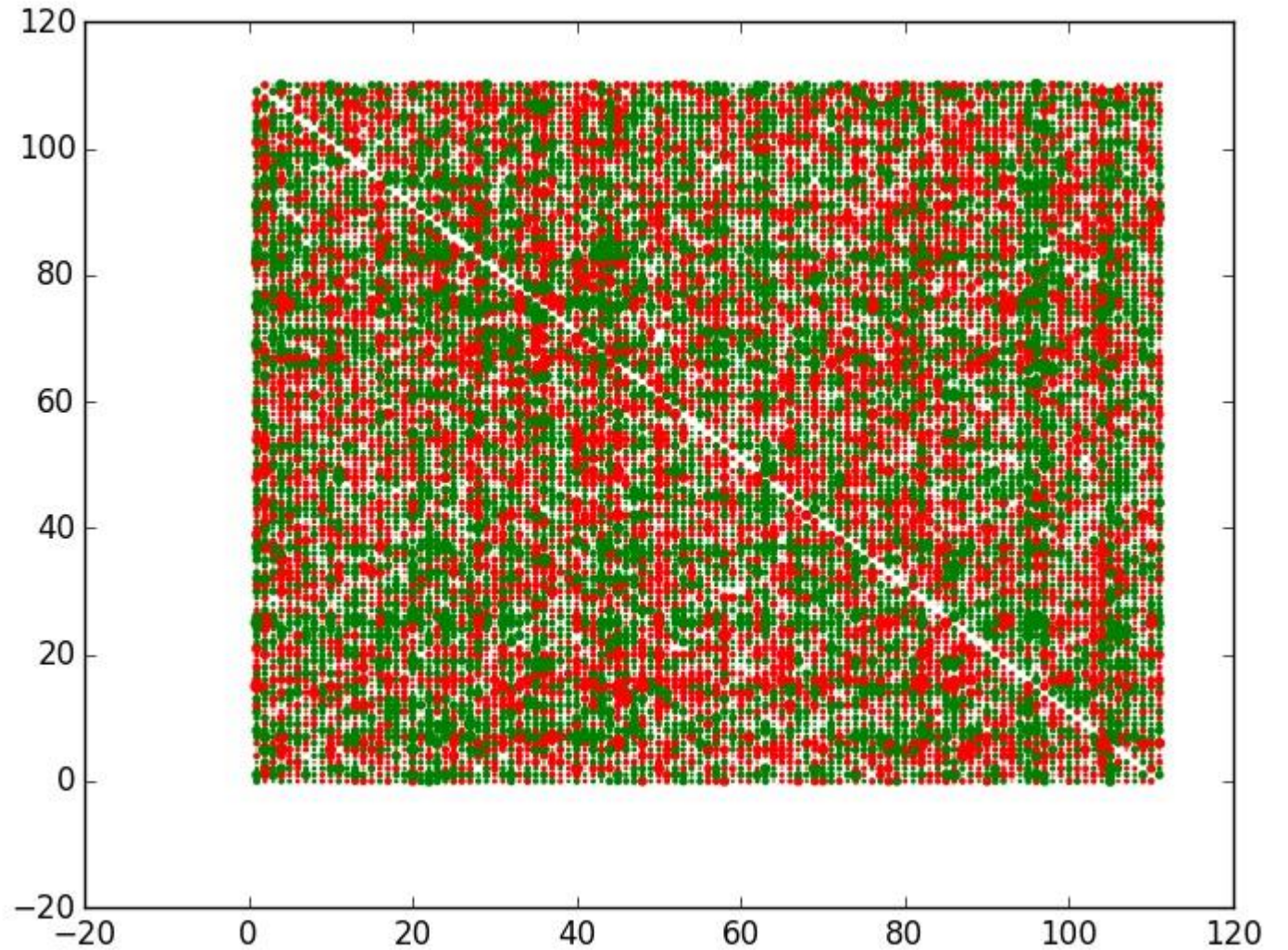
# Prior work:

- ▶ E. Makinen and H. Siirtola, "Reordering the Reorderable Matrix as an Algorithmic Problem", 2000

# Project Status:

- ▶ Created a naïve visualization of the match-up matrix using common encoding for match-up data

# Project status:

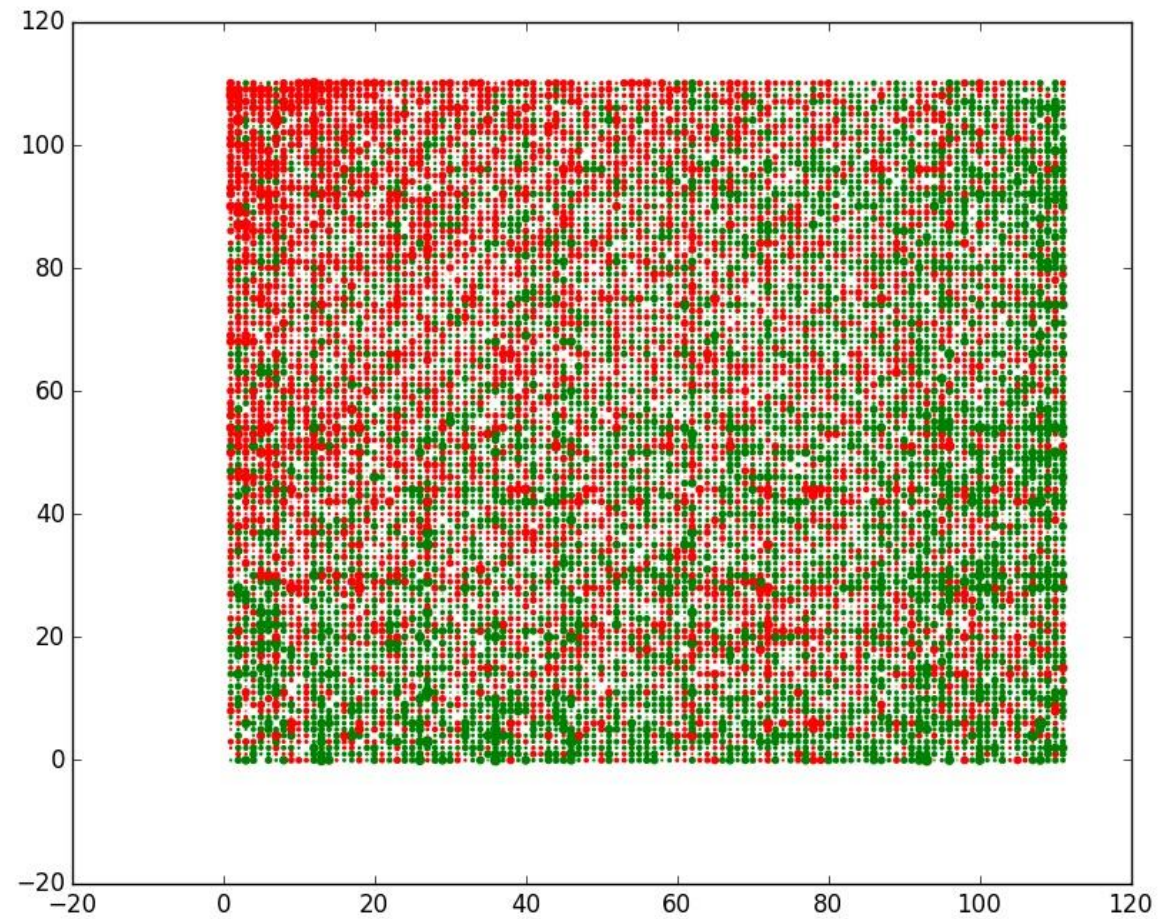


# Project Status:

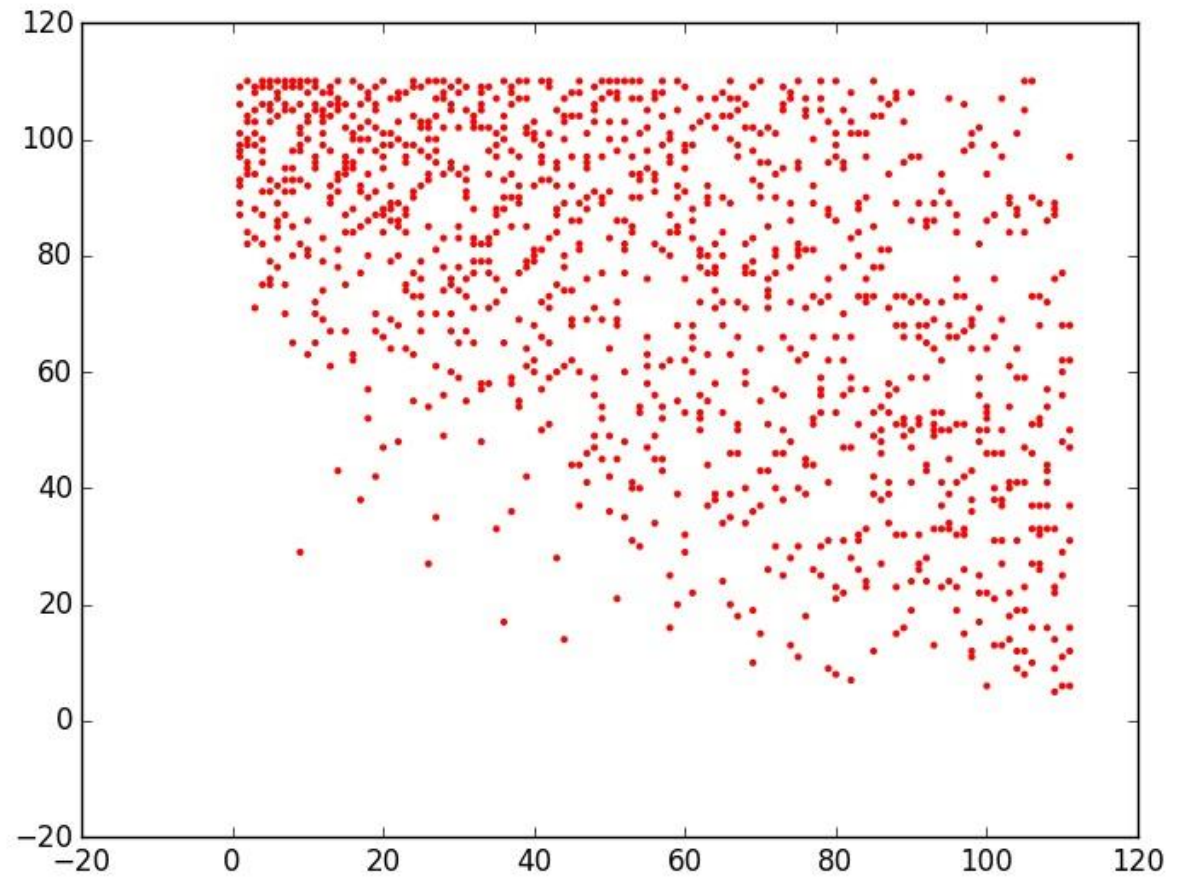
- ▶ Evaluated prior work based on the common encoding.



# Project status:



# Project Status:



# Project Status:

- ▶ To do: Emphasize Cluster
- ▶ Use other heuristics
- ▶ Use different encoding (such as heat map)
- ▶ Other visualization method(net analysis, dimension reduction, etc.)

Feedback:

▶ Interactive?