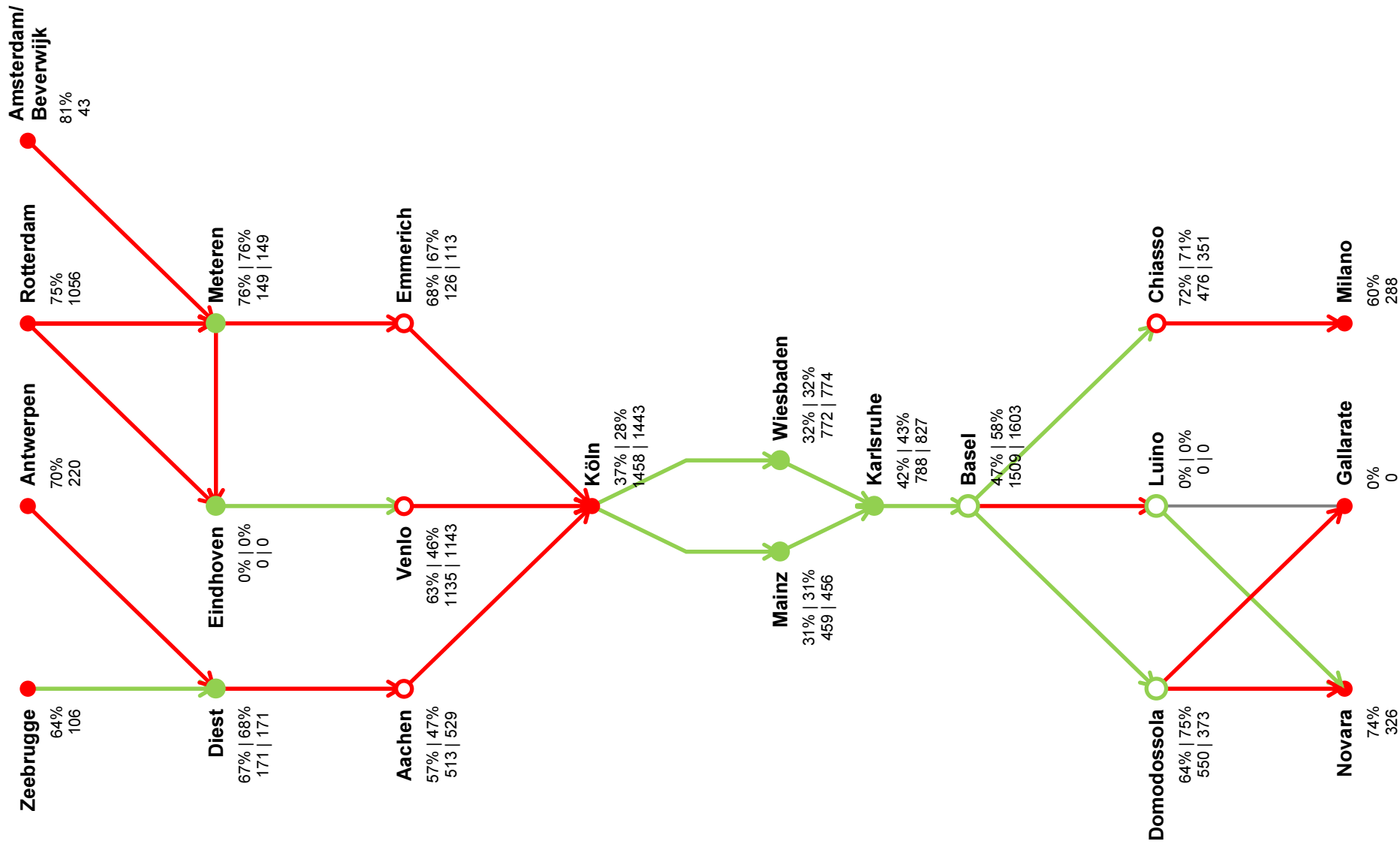
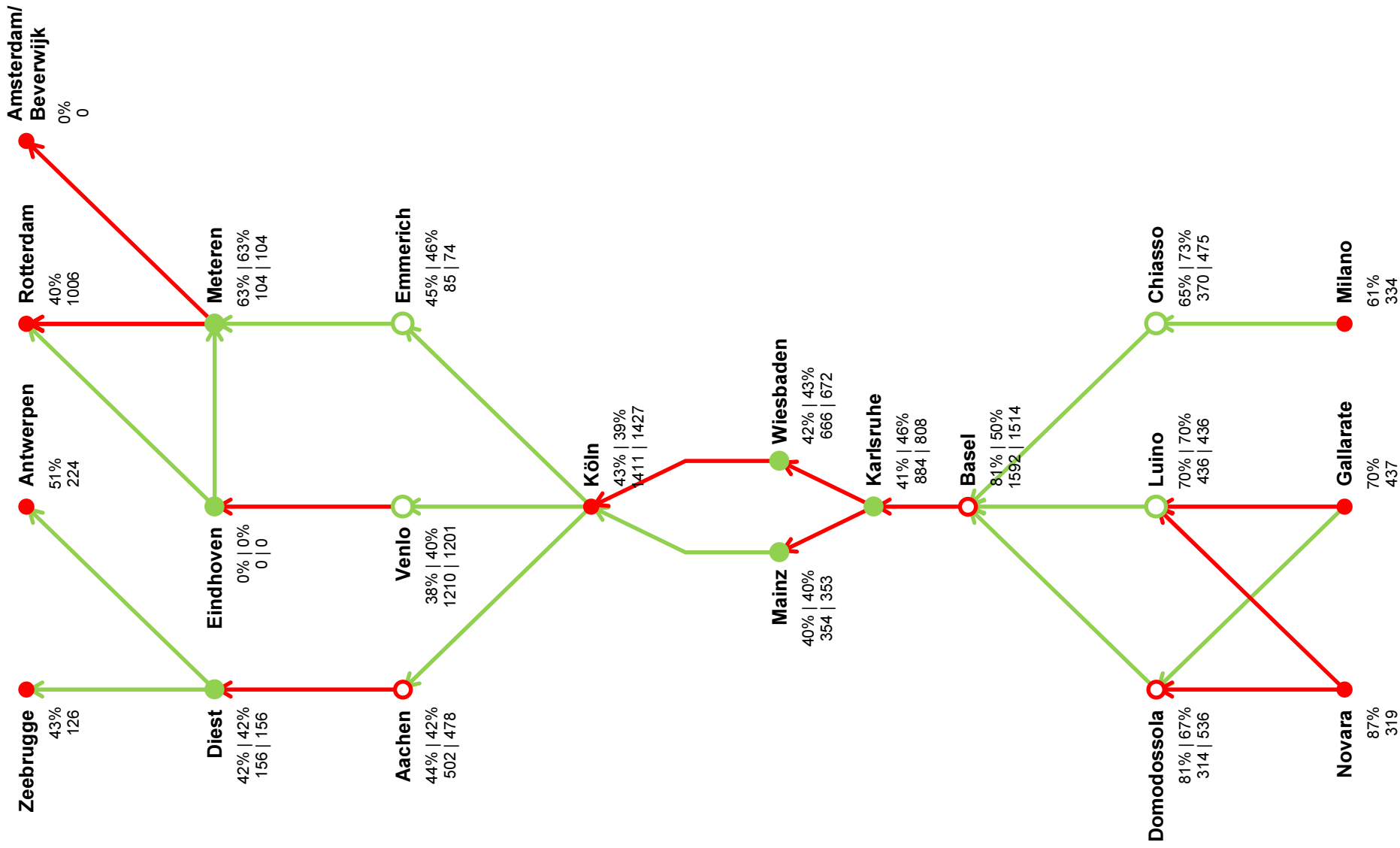


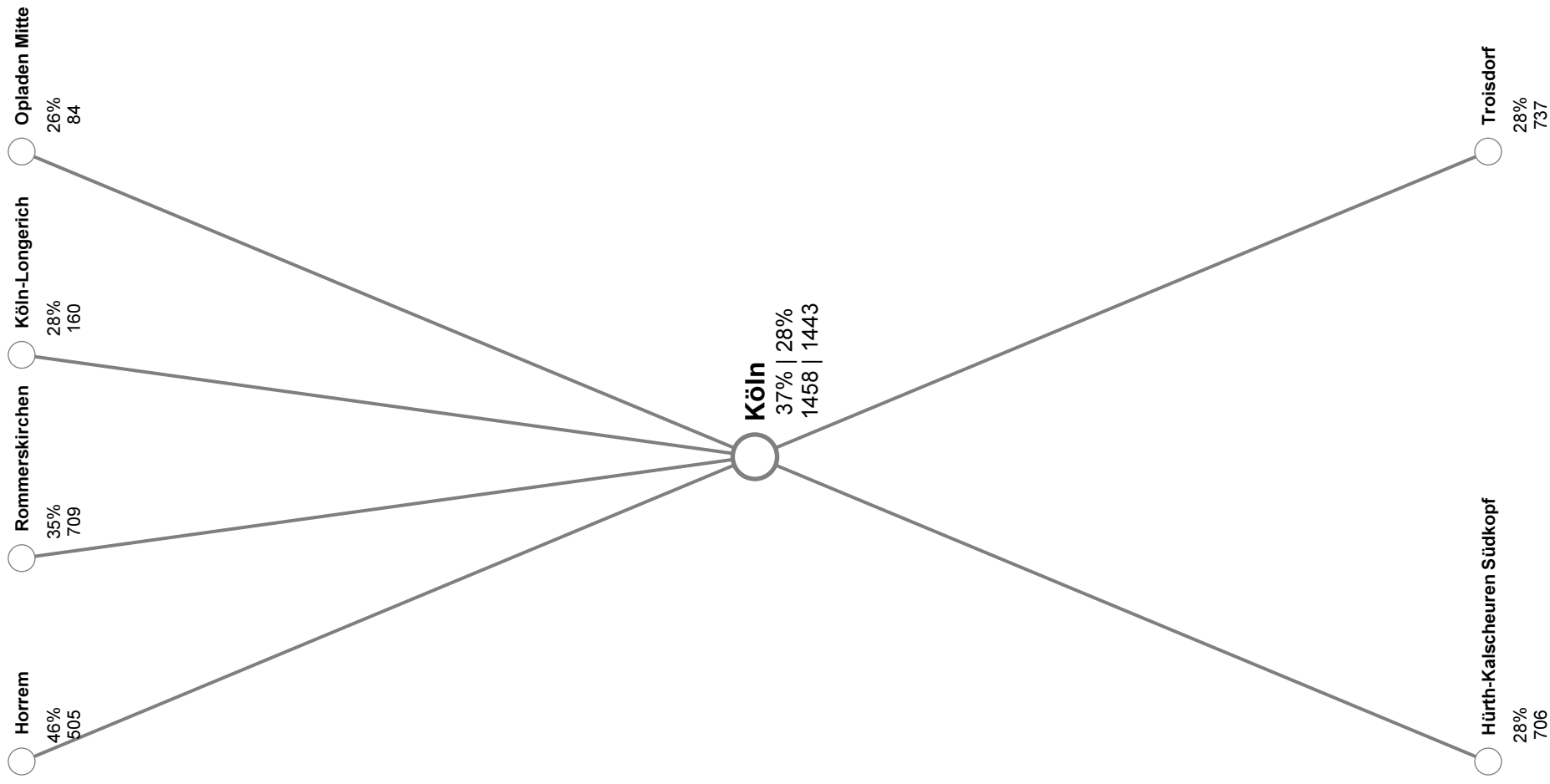
North-South:  
04/2023



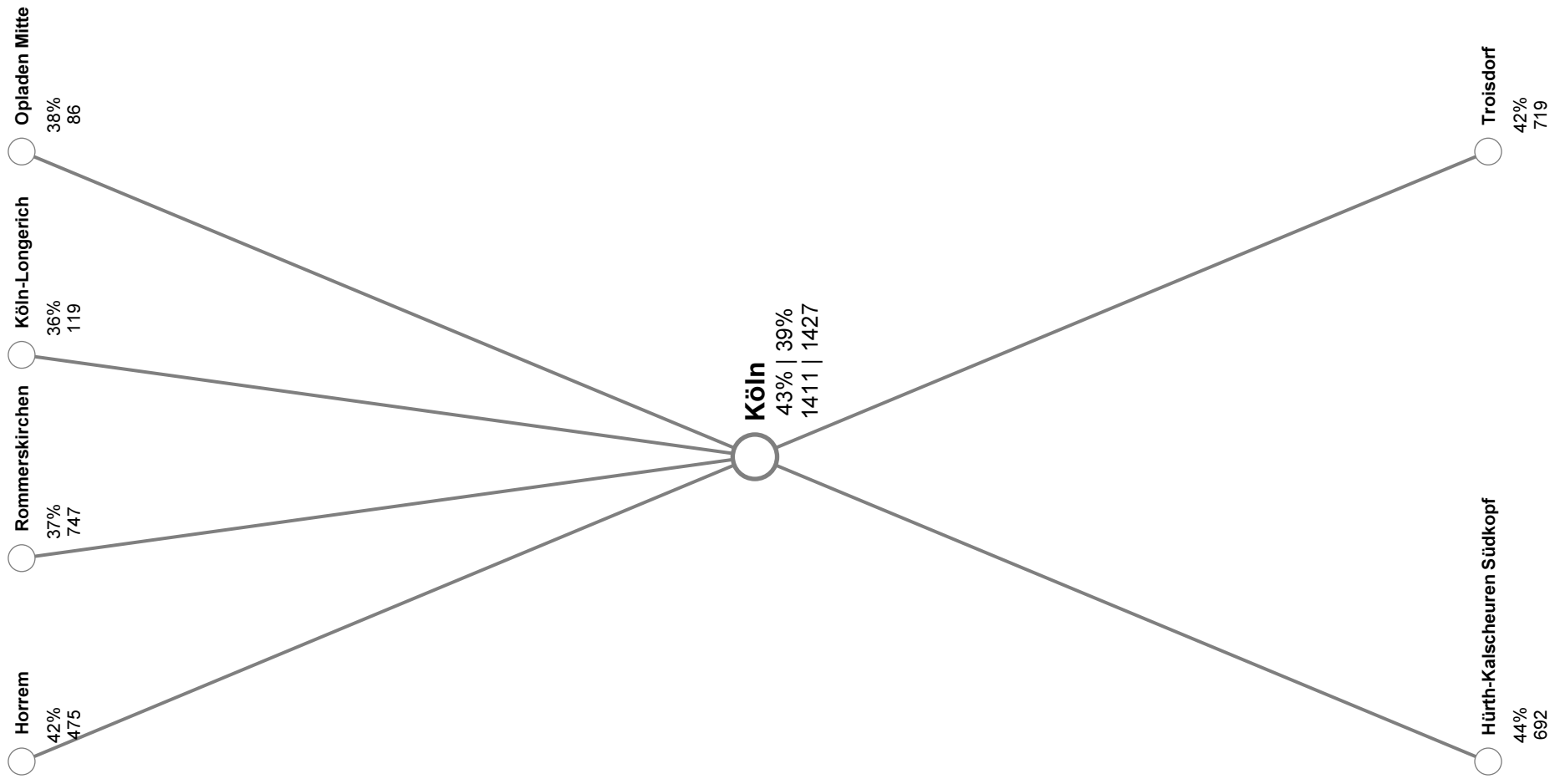
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04/2023



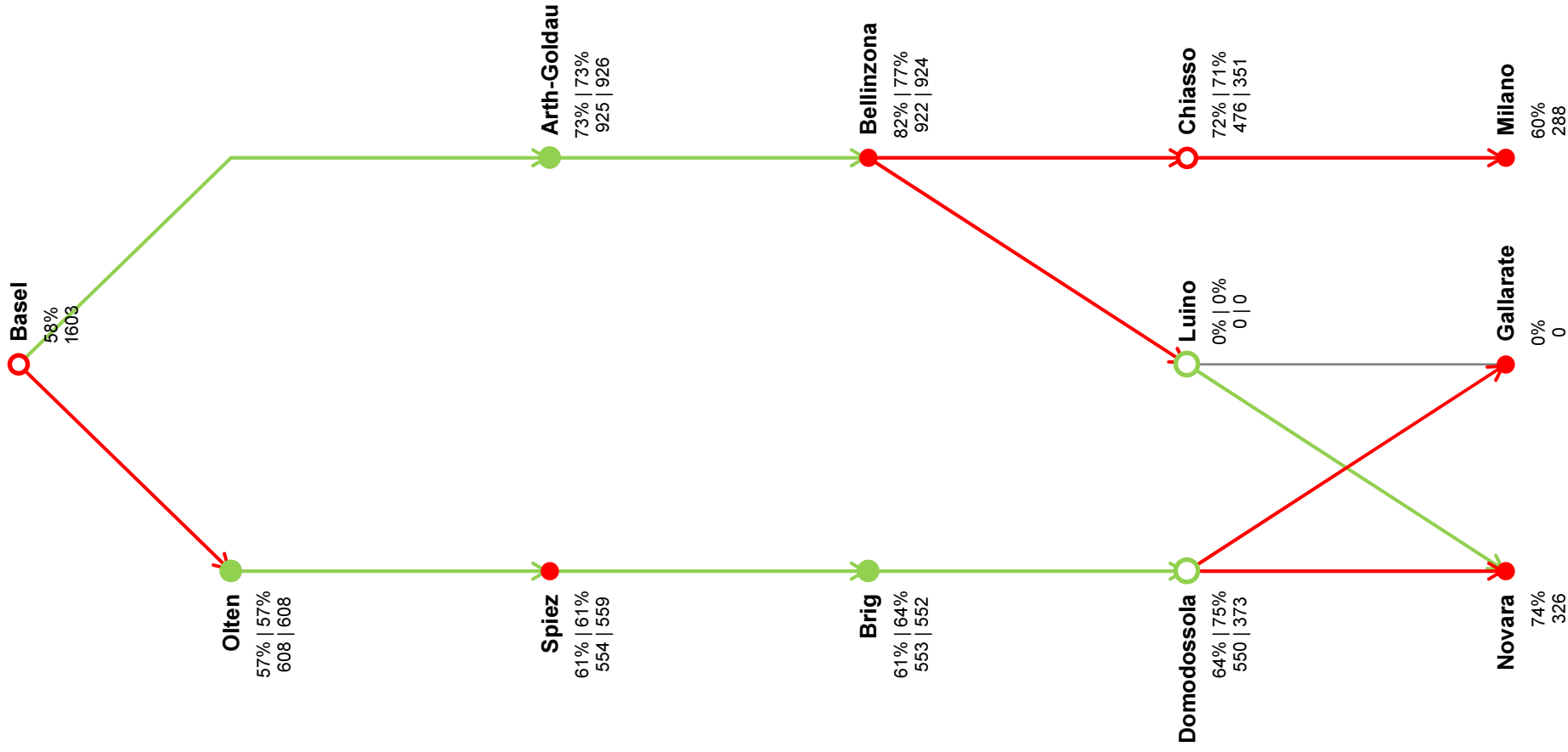
North-South:  
04/2023



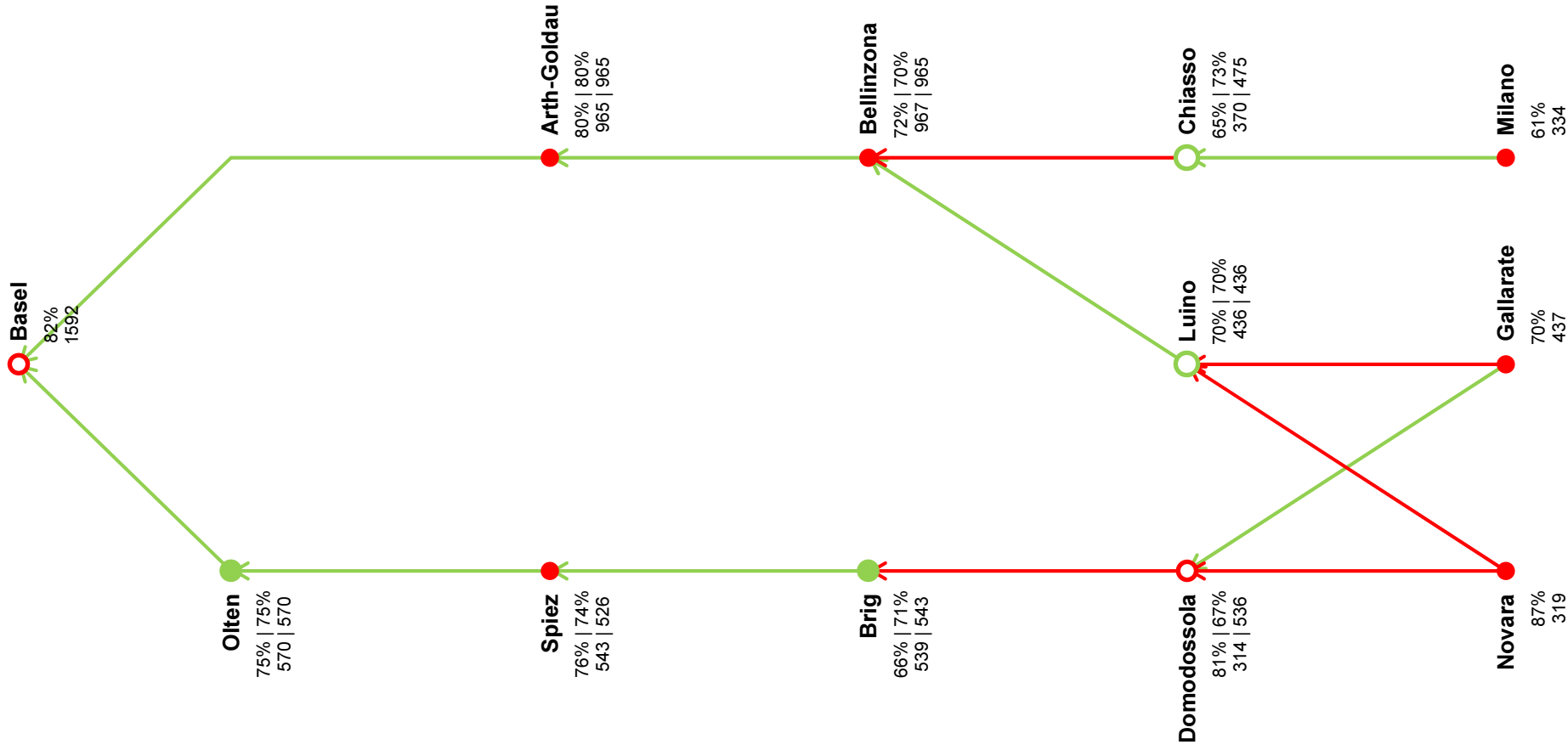
South-North:  
04/2023



North-South:  
04/2023



South-North:  
04/2023



## Key



Punctuality is measured with a threshold of 30 minutes. Figures show punctuality development between points and in the points themselves during the indicated month, there is no comparison between figures of previous months.

Empty points: border points

Full points: operating points where train runs are measured (arrival / departure / run trough)

Red points: punctuality decrease in the point itself

Green points: punctuality increase in the point itself

Red arrow: punctuality decrease between two points

Green arrow: punctuality increase between two points

Figures at points indicate the number of trains in arrival | departure with punctuality values in arrival | departure.

Run through figures are measured as the same value for arrival and departure.

## Clarification on points considered for punctuality measurement

### Cologne:

- trains running from/to Aachen are measured in Horrem
- trains running from/to Venlo are measured in Rommerskirchen
- trains running from/to Emmerich are measured in Köln-Longerich and Opladen Mitte
- trains running from/to Mainz (left Rhine side) are measured in Hürth-Kalscheuren Südkopf
- trains running from/to Wiesbaden (right Rhine side) are measured in Troisdorf

### Basel:

- trains running from/to the Gotthard line are measured at Stein Säckingen.
- trains running from/to the Lötschberg line are measured at Liestal.
- trains in departure to and in arrival from the North are measured in Haltingen.

Punctuality values are weighted in relation to the number of trains. Departure / arrival figures in Cologne and Basel from different directions are calculated as average value among the concerned lines.