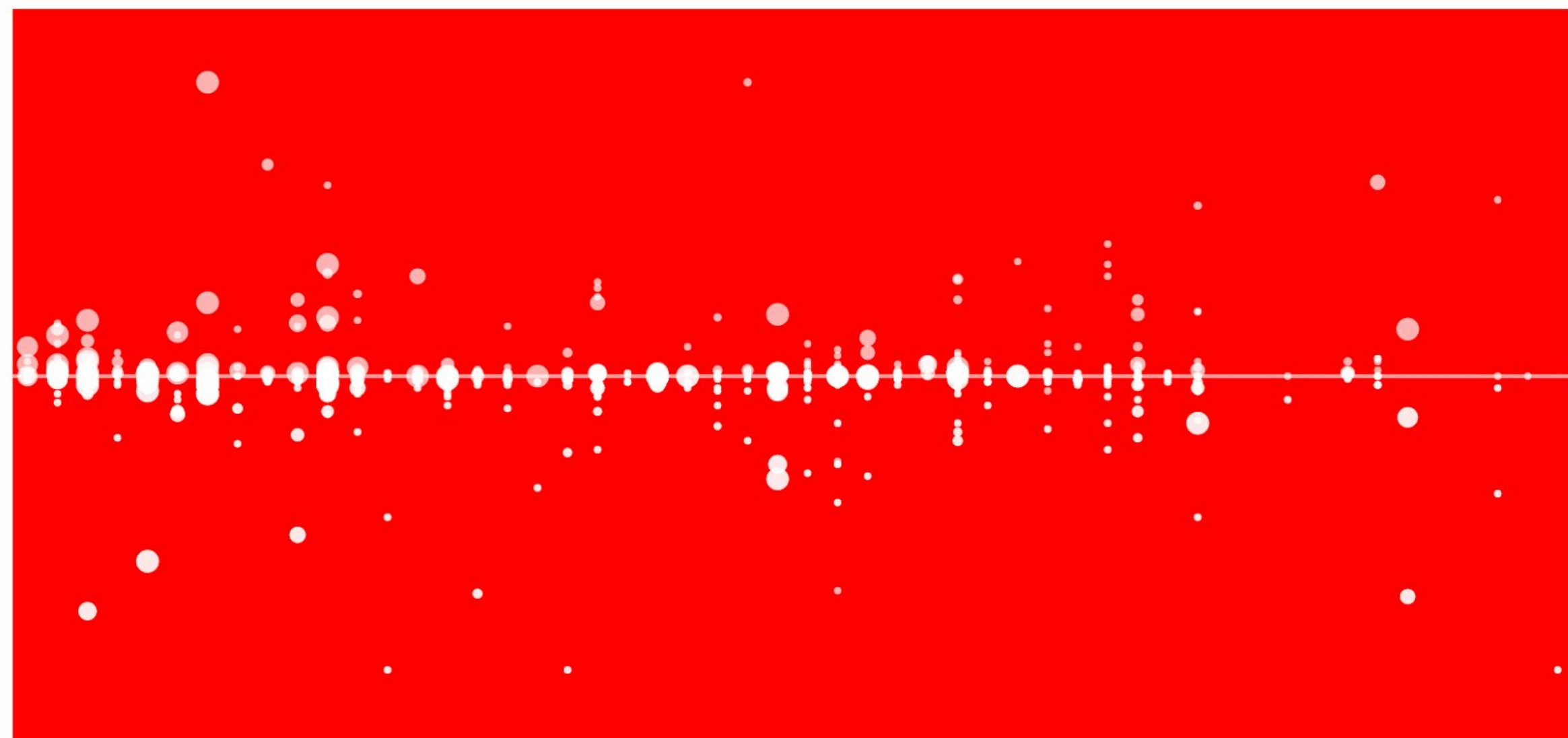


mailtronome

analyzing the rhythm of social interaction through email patterns

hb-list
mindy
alex
grace
winifred
rory
work
elsbeth
ann
victor
wallace
self
carine
miuccia
greg
adam
april

each ● indicates one message and size relative to all msgs



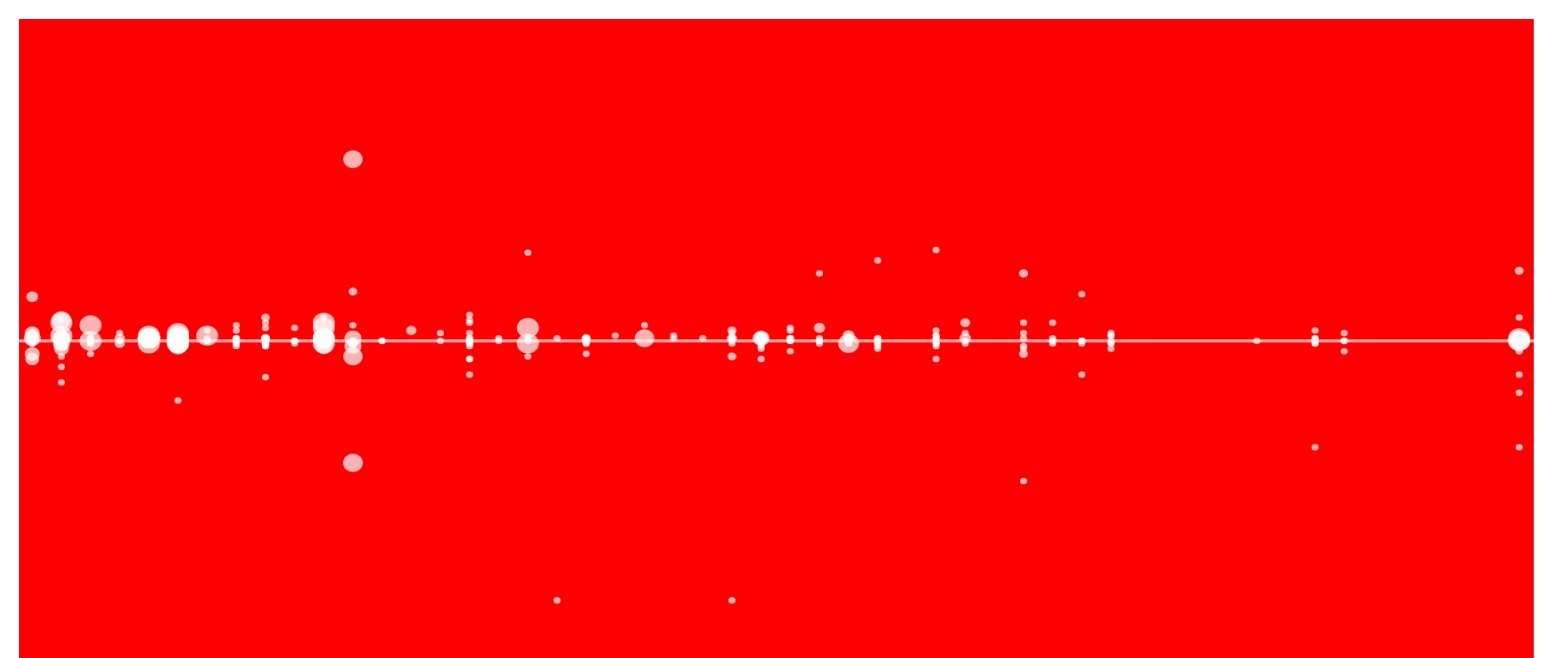
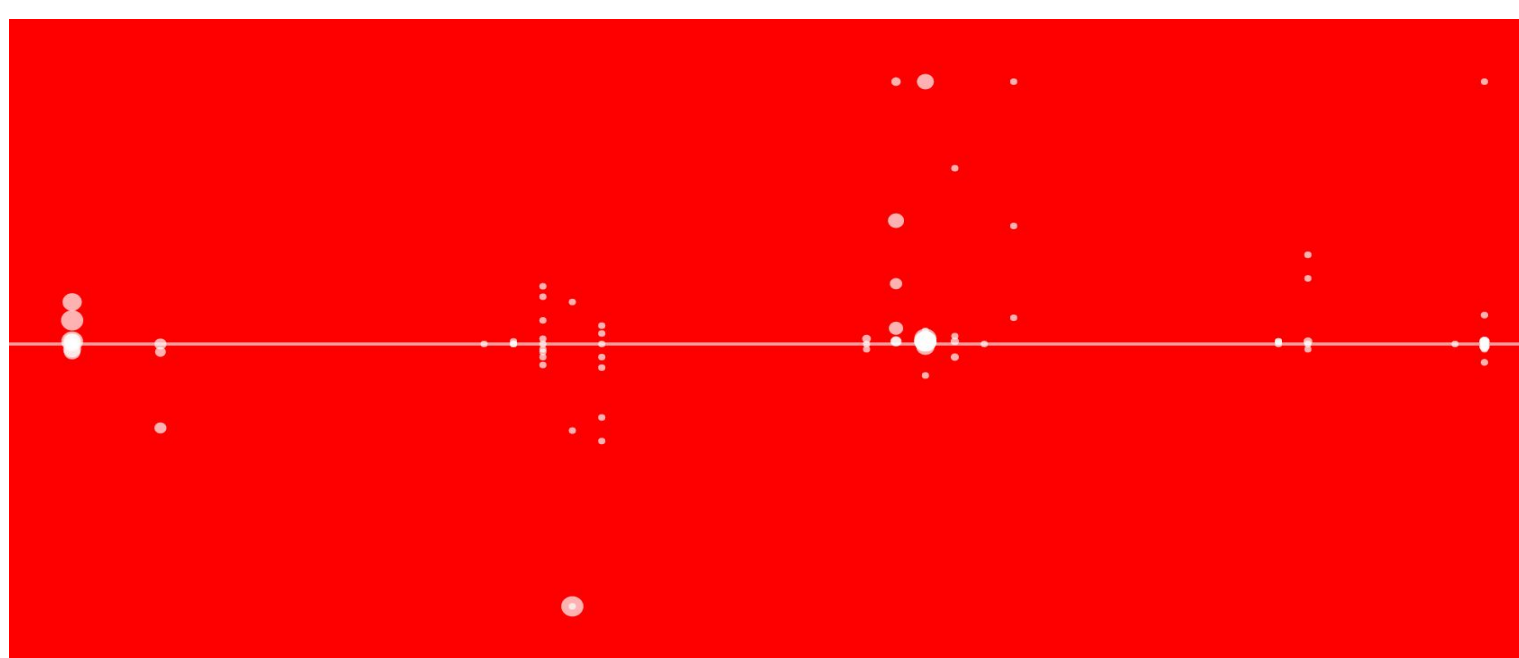
— Jan 2012 ————— data by week ————— Dec 2012 —>

response time
↑
message received
sent message
↓
response time



ABOVE: Data visualization for messages between user and "Mindy." We see constant weekly contact. Quick exchanges are mixed with slower responses.

LEFT: Messages sent through mailing list. We see a rush of initial responses, followed by a few stragglers.



ABOVE LEFT: Cyclical communication between user and "Ann." There is a cluster of messages exchanged roughly once a quarter. A rush of quick initial exchanges turns into slower follow-ups. ABOVE RIGHT: Communication between user and "Alex." Contact is constant and weekly, but compressed into very quick back-and-forth. Compare with "looser" pattern exhibited by user and "Mindy."

DATA & METHODOLOGY: Dataset is one year (2012) of emails sent through the author's personal Gmail account. Email data was downloaded using Gmail API and parsed using Python scripts, then plotted using d3 and JavaScript. Response time was calculated relative to prior message in thread. Names have been anonymized.