



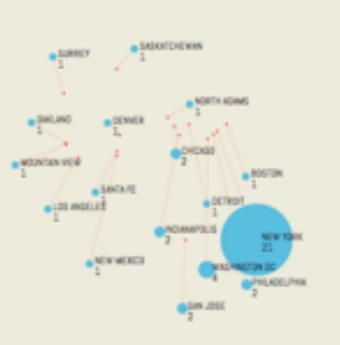
Data /'deɪtə/ is a set of values of qualitative or quantitative variables

0	Α	B v	С	D	Е	F	G	Н		J	K
1	Financial year	Grant	Grant Reference	Applicant Surname	Grant Type	Organisation	Region	Country	Project title	Start Date	End Date
2	2000/01	063634	063634/Z/01/Z	AGRANOFF	Advanced Fellowship for Medical	St George's University of London	Greater London	United Kingdom	Comprehensive functional analysis of the mycobacterium tuberculosis Nramp orthologue and its contribution to intracellular survival.	01/11/2001	30/11/200
3	2000/01	066619	066619/Z/01/Z	BLAIR	Advanced Fellowship for Medical	University of Oxford	South East	United Kingdom	Study of clinical and molecular genetic pathogenesis of hypertrophic cardiomyopathy.	15/10/2001	14/10/20(
4	2000/01	056586	056586/Z/99/A	BROWN	Advanced Fellowship for Medical	Imperial College London	Greater London	United Kingdom	A molecular analysis of streptococcus pneumonia virulence.	01/10/2000	30/09/200
5	2000/01	062868	062868/Z/00/A	BRYANT	Advanced Fellowship for Medical	University of Cambridge	East of England	United Kingdom	Lipocortin - 1 regulation of the cellular responses to lipopoly - saccharide and bacterial infection in mice and horses.	01/08/2001	31/07/200
6	2000/01	062868	062868/Z/00/Z	BRYANT	Advanced Fellowship for Medical	University of Cambridge	East of England	United Kingdom	Lipocortin - 1 regulation of the cellular responses to lipopoly- saccharide and bacterial infection in mice and horses.	01/10/2000	30/09/200
7	2000/01	063557	063557/Z/01/Z	BUTTERY	Project Grant	University of Cambridge	East of England	United Kingdom	An analysis of the role of integrin receptors in the regulation of morphological plasticity in cerebellar Purkinje neurons.	01/10/2001	1 31/12/20(
8	2000/01	063645	063645/Z/01/Z	СОСК	Advanced Fellowship for Medical	University College London	Greater London	United Kingdom	Mechanisms of cell death and neuroprotection following status epilepticus.	01/09/2001	30/09/200
)/01	065054	065054/Z/01/Z	DOCKRELL	Advanced Fellowship for Medical	University of Sheffield	Yorkshire and the Humber	United Kingdom	The role of macrophage apoptosis in the pathogenesis of pneumococcal infection in vitro and in vivo.	01/10/2001	31/05/20(
	0/01	054740	054740/Z/98/B	DONNELLY	Advanced Fellowship for Medical	University College Dublin	Ireland	Ireland	Macrophage migration inhibitory factor (MIF) and inflammatory lung disease.	01/10/2000	31/03/20(
11	2000/01	063835	063835/Z/01/Z	GARDEN	Advanced Fellowship for Medical	Imperial College London	Greater London	United Kingdom	The molecular basis of contact-dependent immunoregulation by anergic T cells.	13/08/2001	1 12/04/20(
12	2000/01	064975	064975/Z/01/Z	HARARI	Advanced Fellowship for Medical	Imperial College London	Greater London	United Kingdom	Regulation of NF-kB by nitric oxide.	01/01/2002	31/12/20(
13	2000/01	063599	063599/Z/01/Z	JACOBS	Advanced Fellowship for Medical	Imperial College London	Greater London	United Kingdom	The molecular basis of dengue haemorrhagic fever/dengue shock syndrome: viral replication and innate antiviral defences.	01/08/2001	31/08/200
14	2000/01	064968	064968/Z/01/Z	LECLERC	Advanced Fellowship for Medical	University of Bristol	South West	United Kingdom	Role of AMP-activated protein kinase in human pancreatic islets: molecular identification of new interacting partners.	01/05/2002	31/08/200
15	2000/01	061174	061174/Z/00/A	NEWPORT	Advanced Fellowship for Medical	University of Cambridge	East of England	United Kingdom	Genetic regulation of immune responses to BCG vaccination in infants .	01/01/2001	31/01/20(
16	2000/01	064389	064389/Z/01/Z	THOMPSON	Advanced Fellowship for Medical	King's College London	Greater London	United Kingdom	Molecular genetics of cholestatic liver disease.	01/07/2001	30/06/200
17	2000/01	065029	065029/Z/01/Z	WIGMORE	Advanced Fellowship for Medical	University of Edinburgh	Scotland	United Kingdom	Stress protein pre-conditioning and the hepatocyte acute phase protein response.	01/01/2002	31/12/200
18	2000/01	064261	064261/Z/01/Z	WILKINSON	Advanced Fellowship for Medical	Imperial College London	Greater London	United Kingdom	Host and bacillary correlates of pathology in human tuberculosis.	01/10/2001	30/09/200
	2000/01	064271	064271/7/01/7	AI DRFD	Advanced Training	University of	Fast	United	Genomic approaches to the molecular pathology of	01/08/2001	31/07/200

Data?

Data > Information > Knowledge

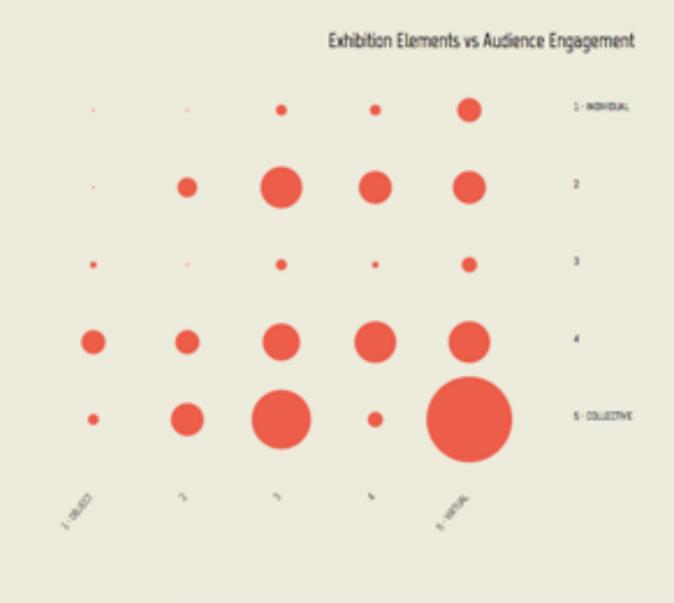


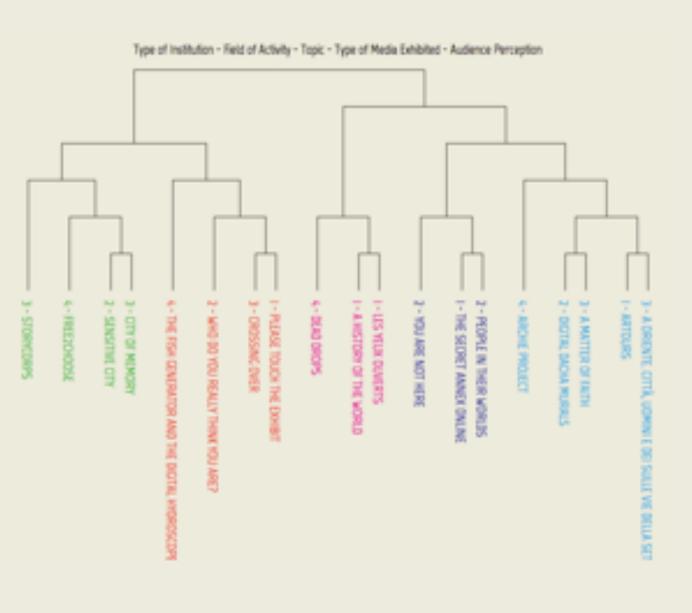




Data?







Organizations, projects and collaborators

2009 2010 2011 2012 2013

Organization size

Data that can be experienced and not only counted.

Blending of design, software and the aesthetics emerging from data, processes and human behaviour.

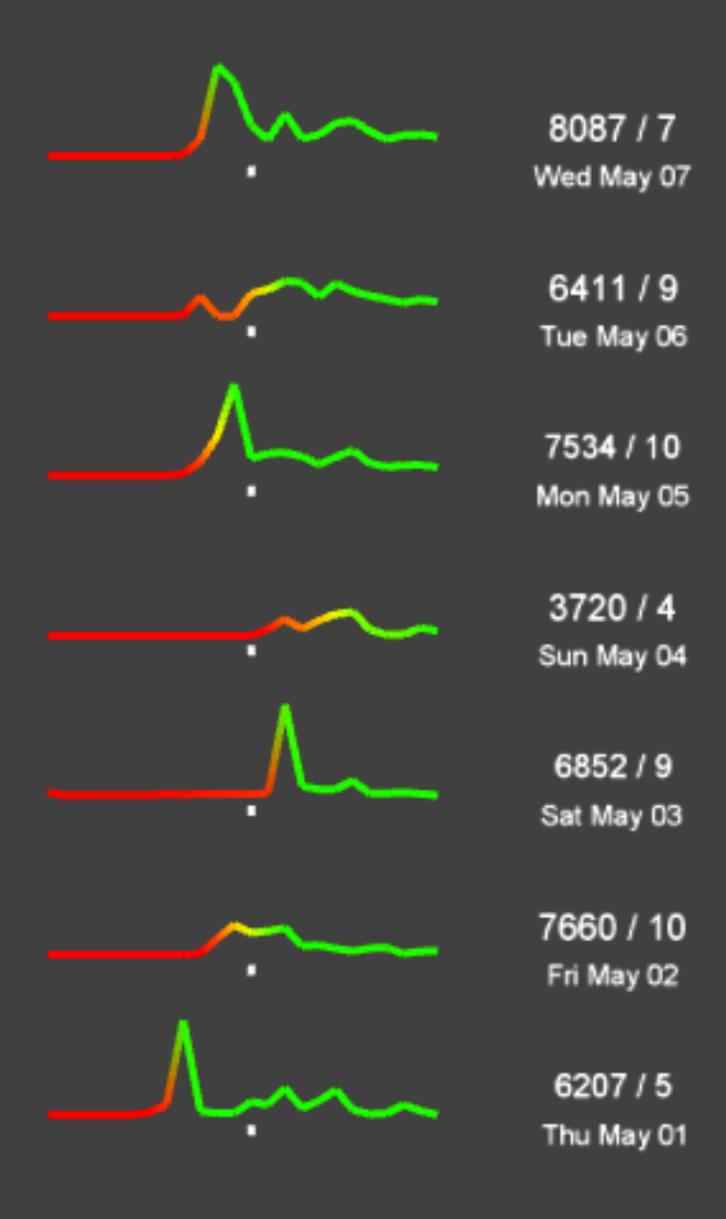


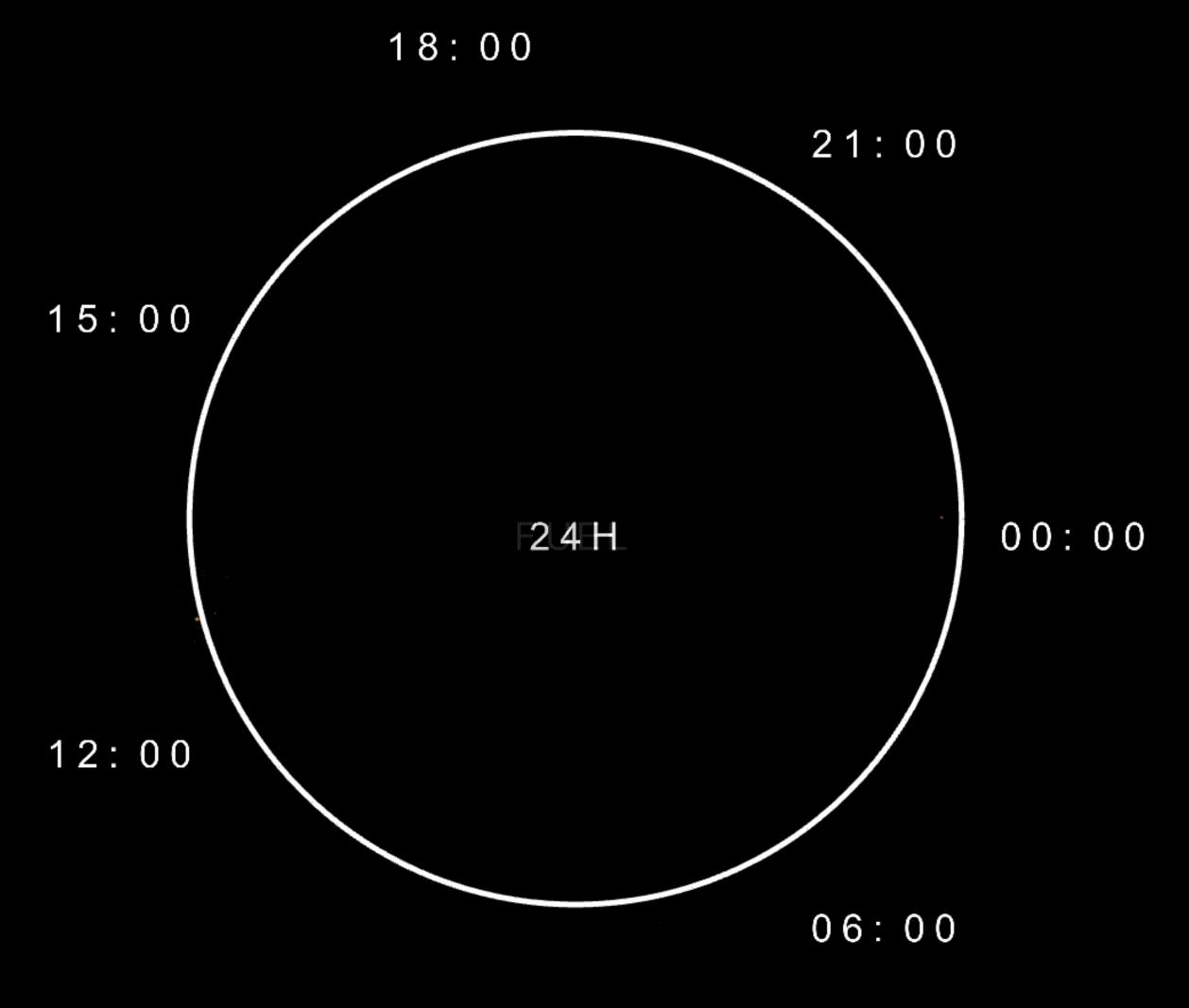




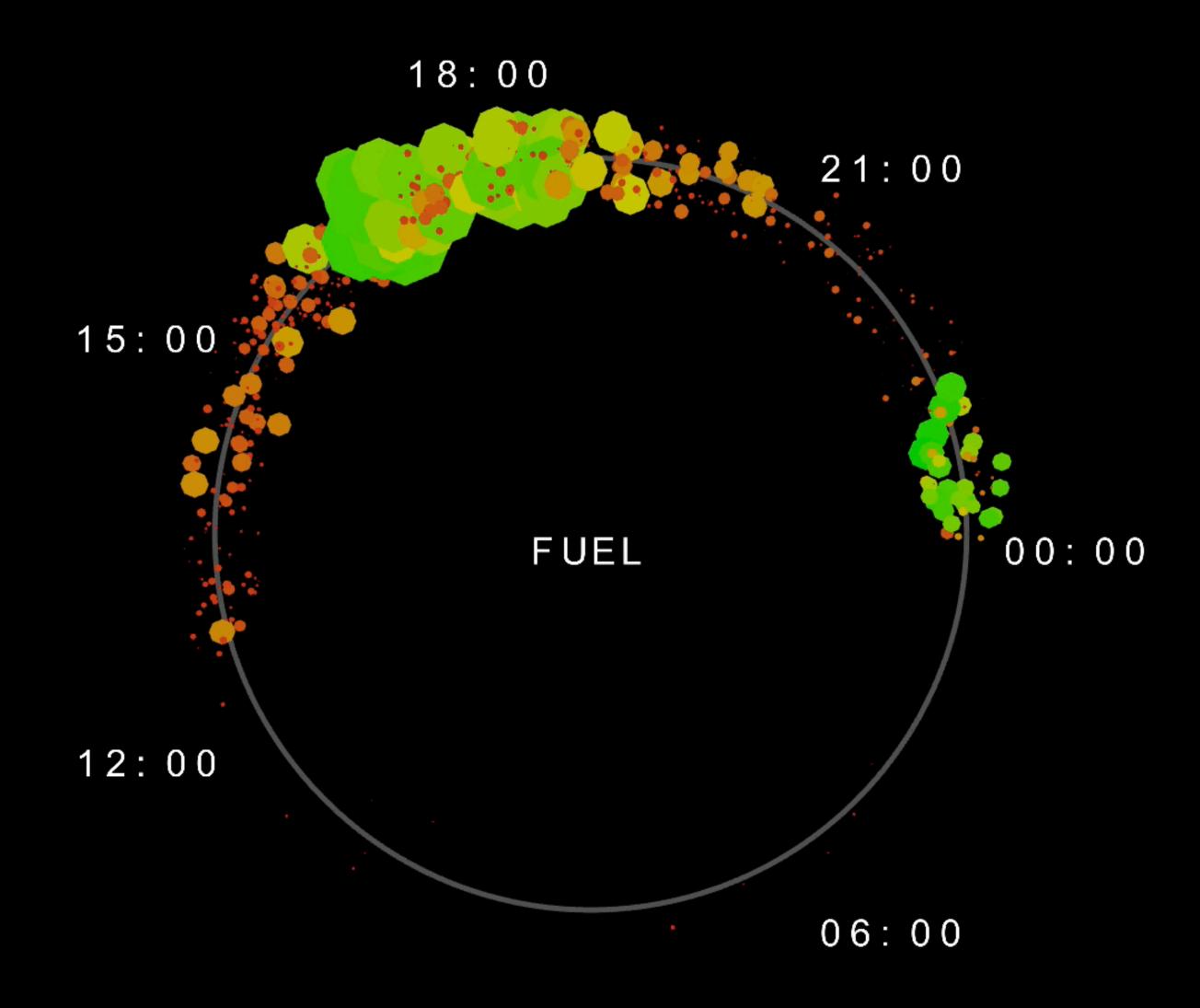


One Week

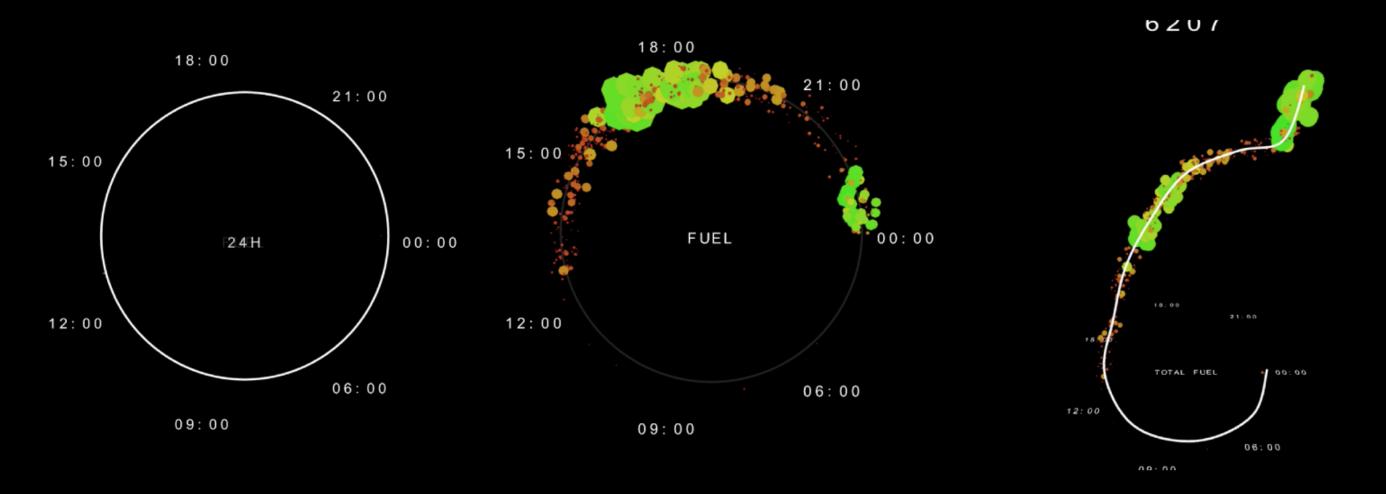




09:00



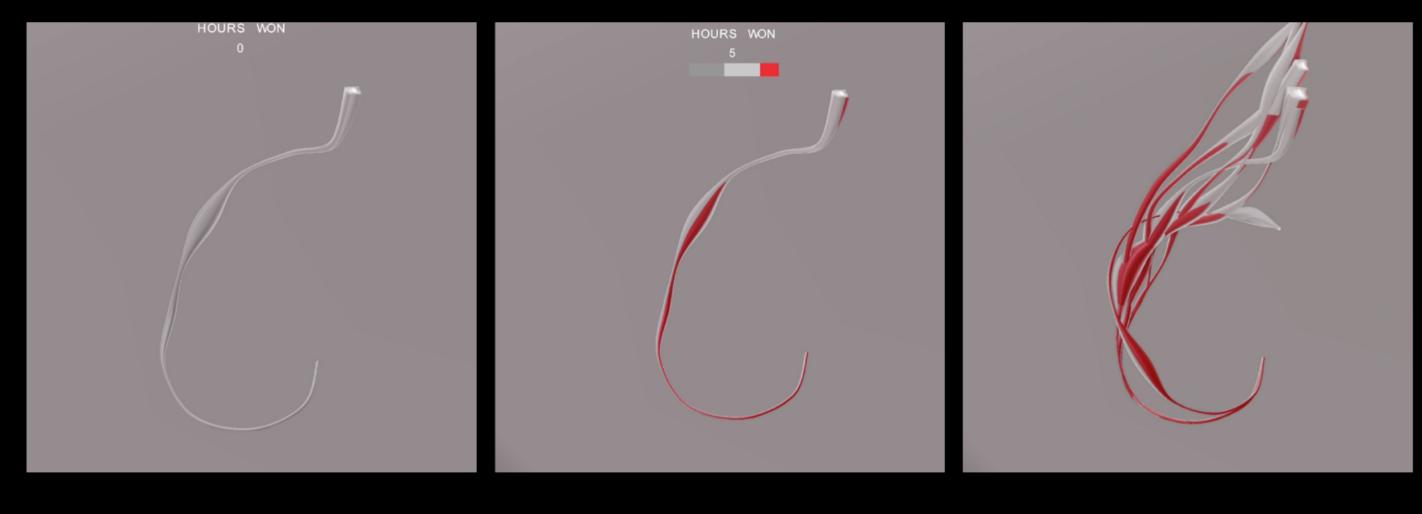
09:00



24 hours form a circle

You collect fuel points throughout the day

Total amount of fuel points makes the fiber grow

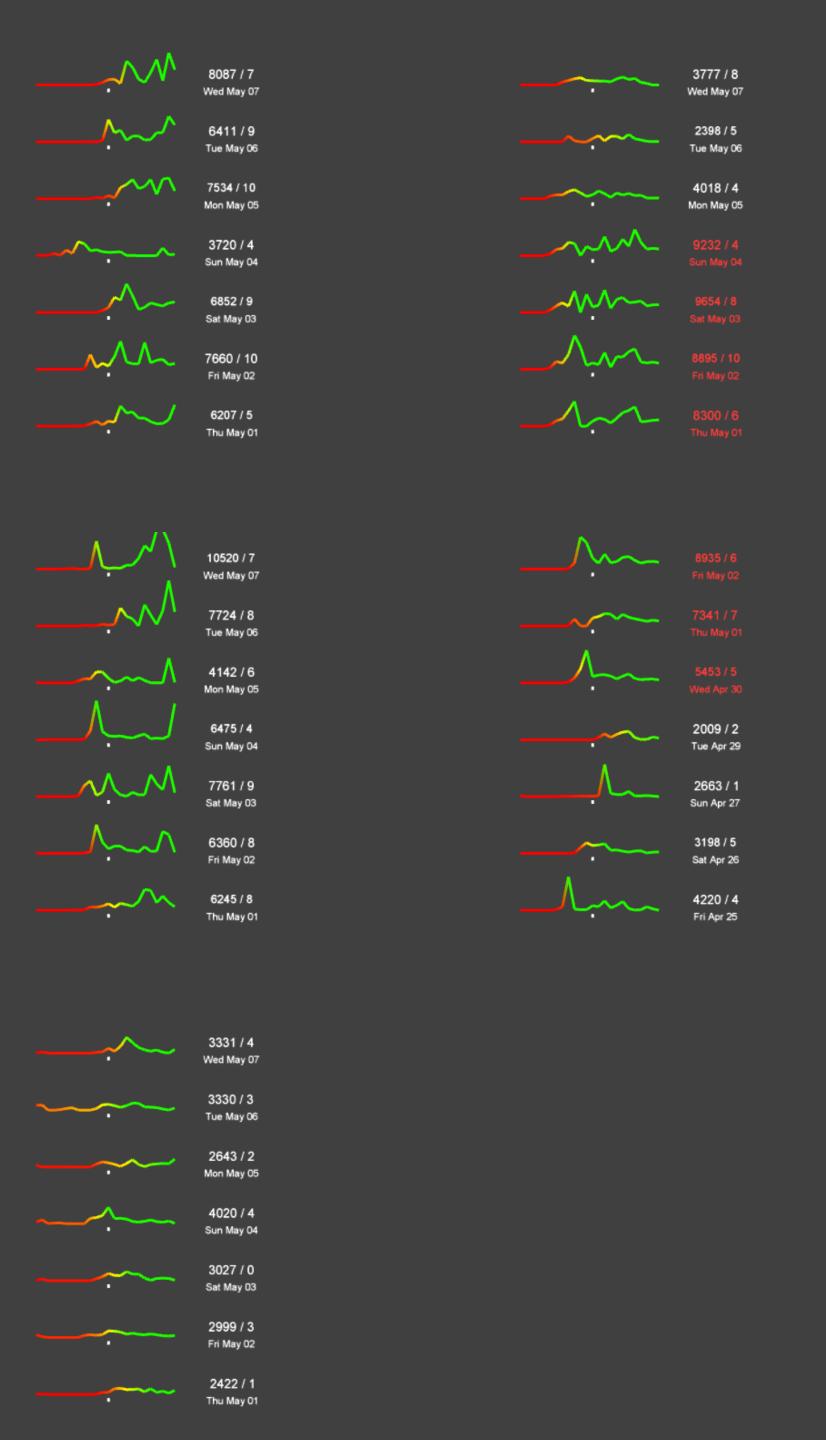


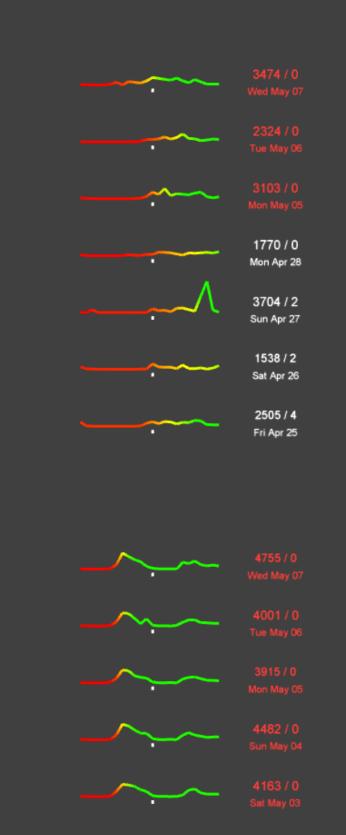
We form one continuous shape for your whole day

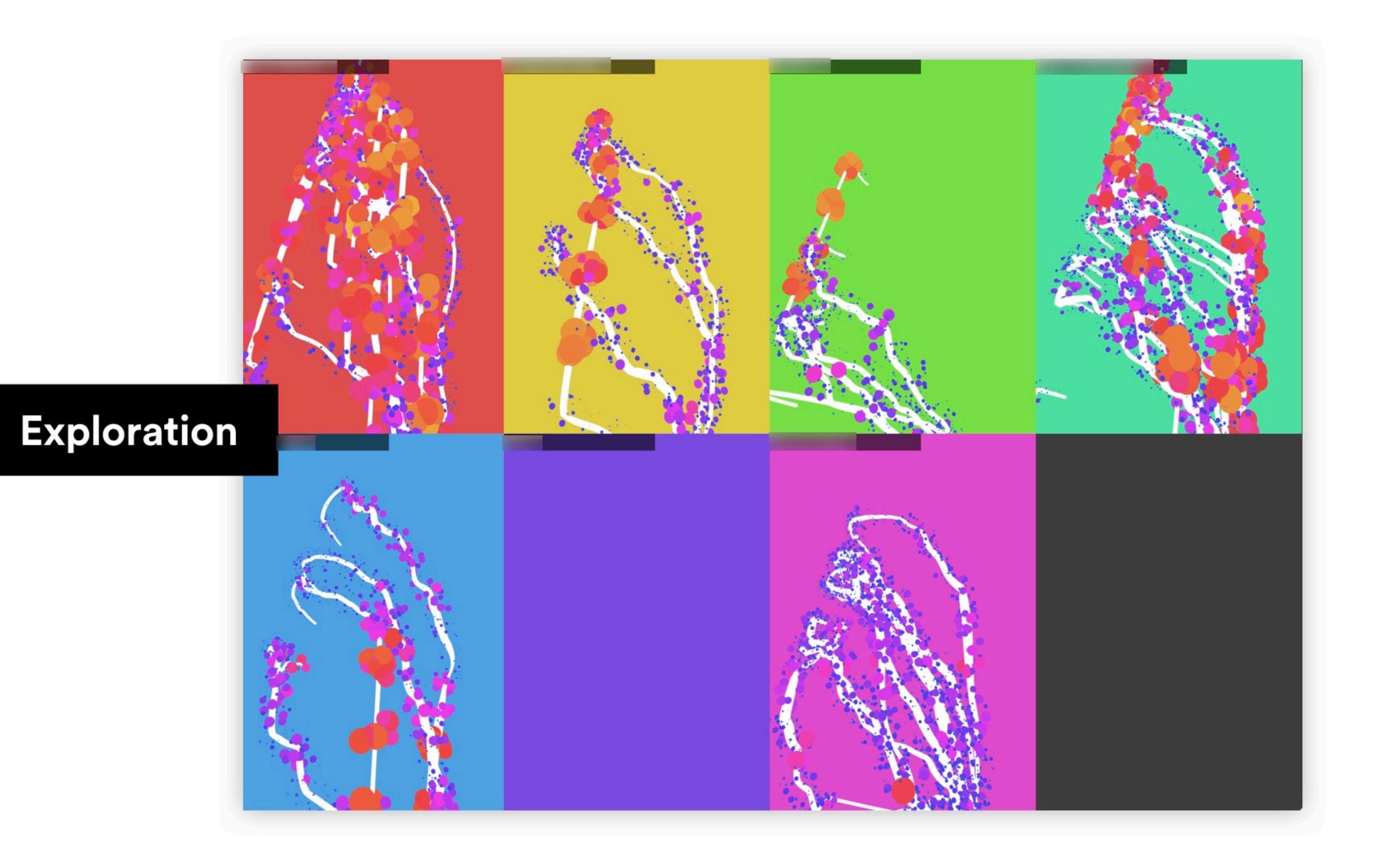
Number of hours won influences the colors

Whole week, one fiber for each day

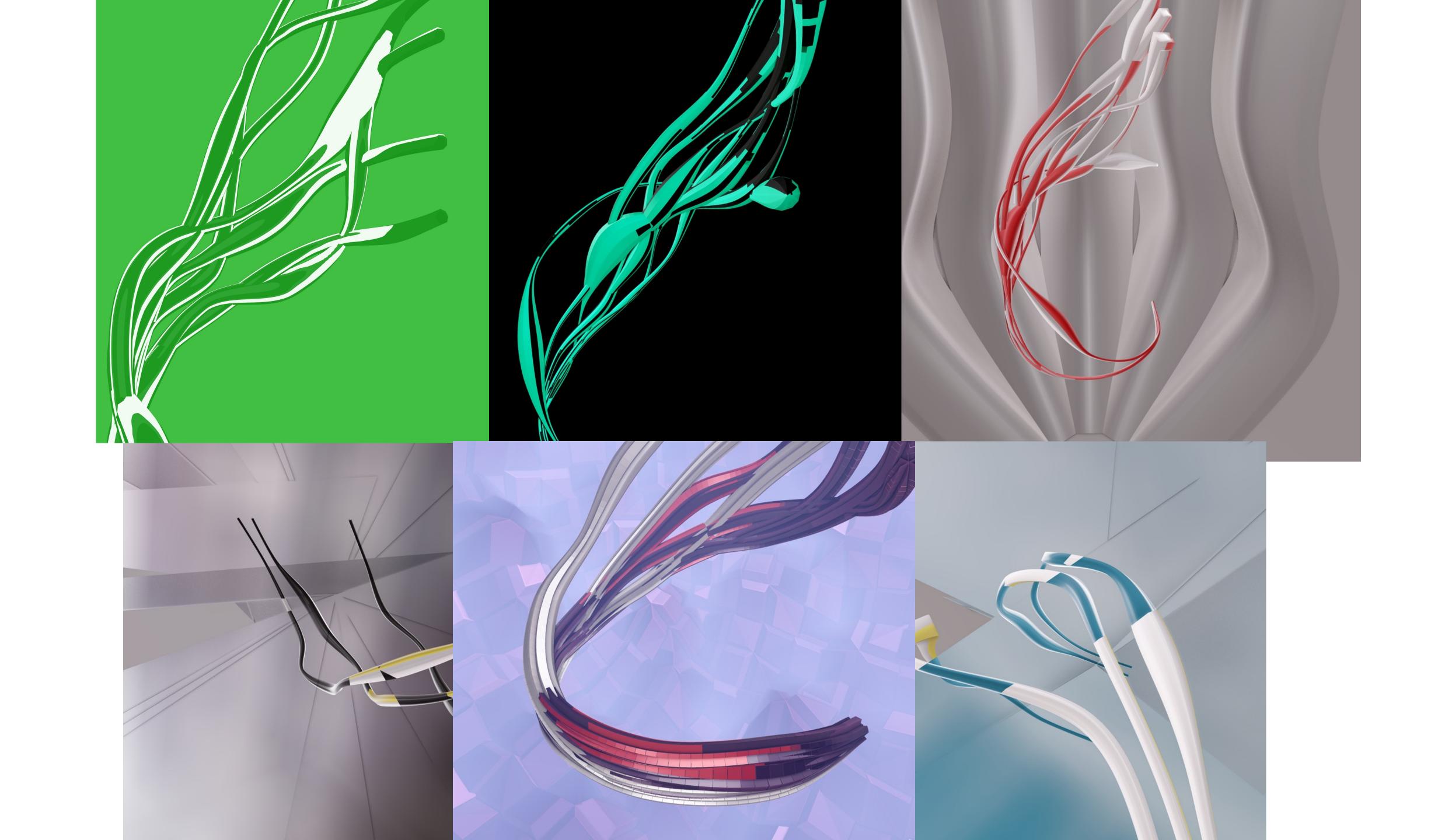
7 runners

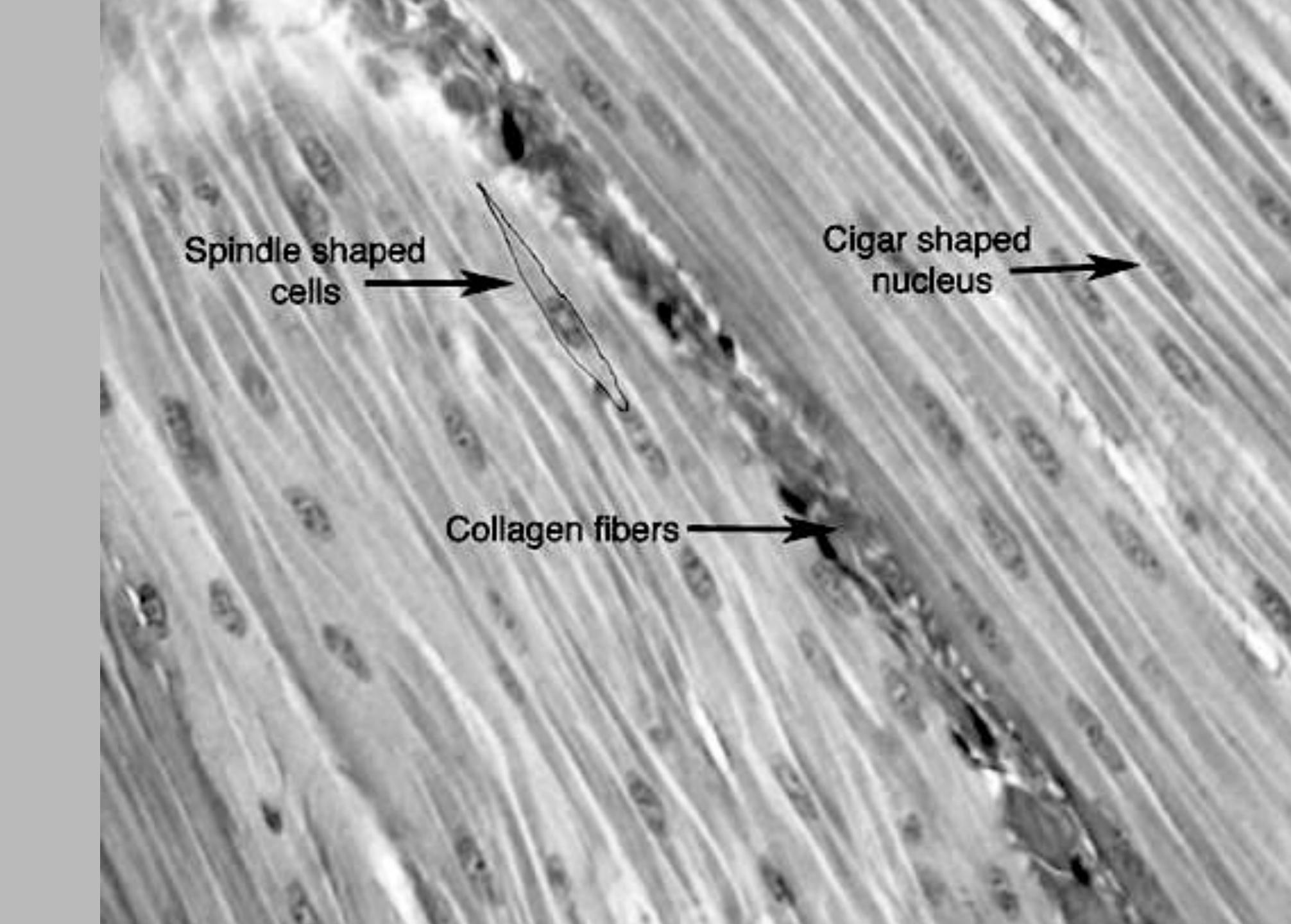








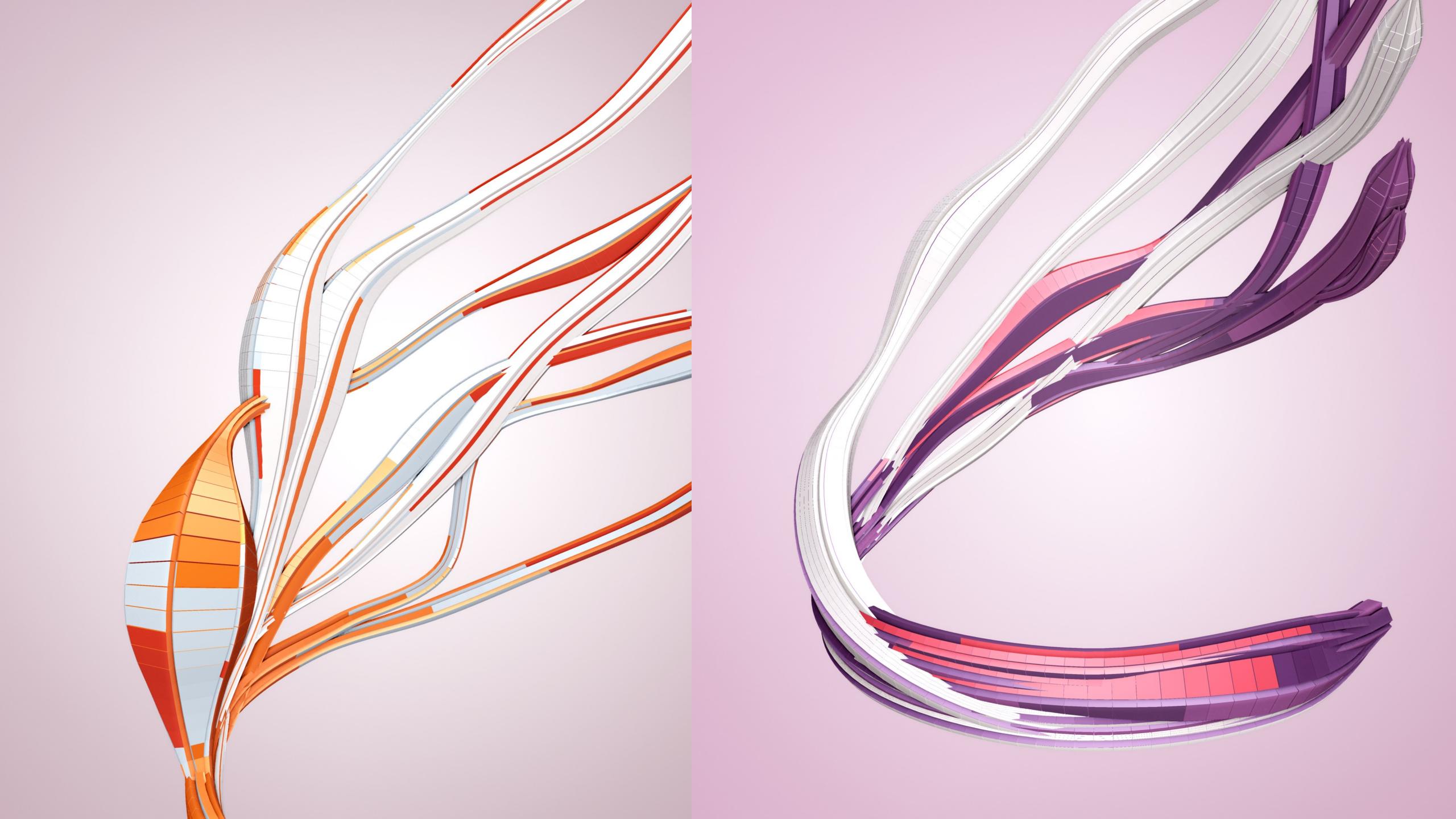




Inspiration

















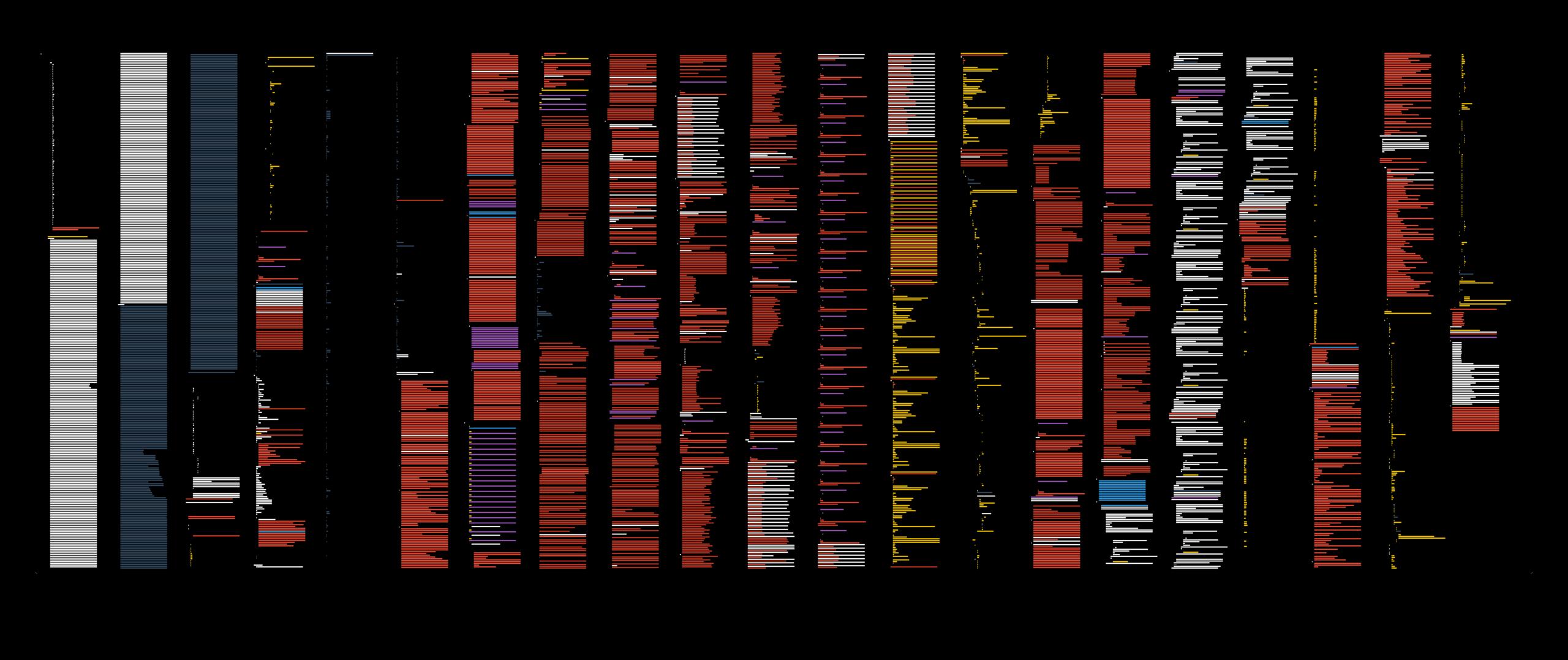




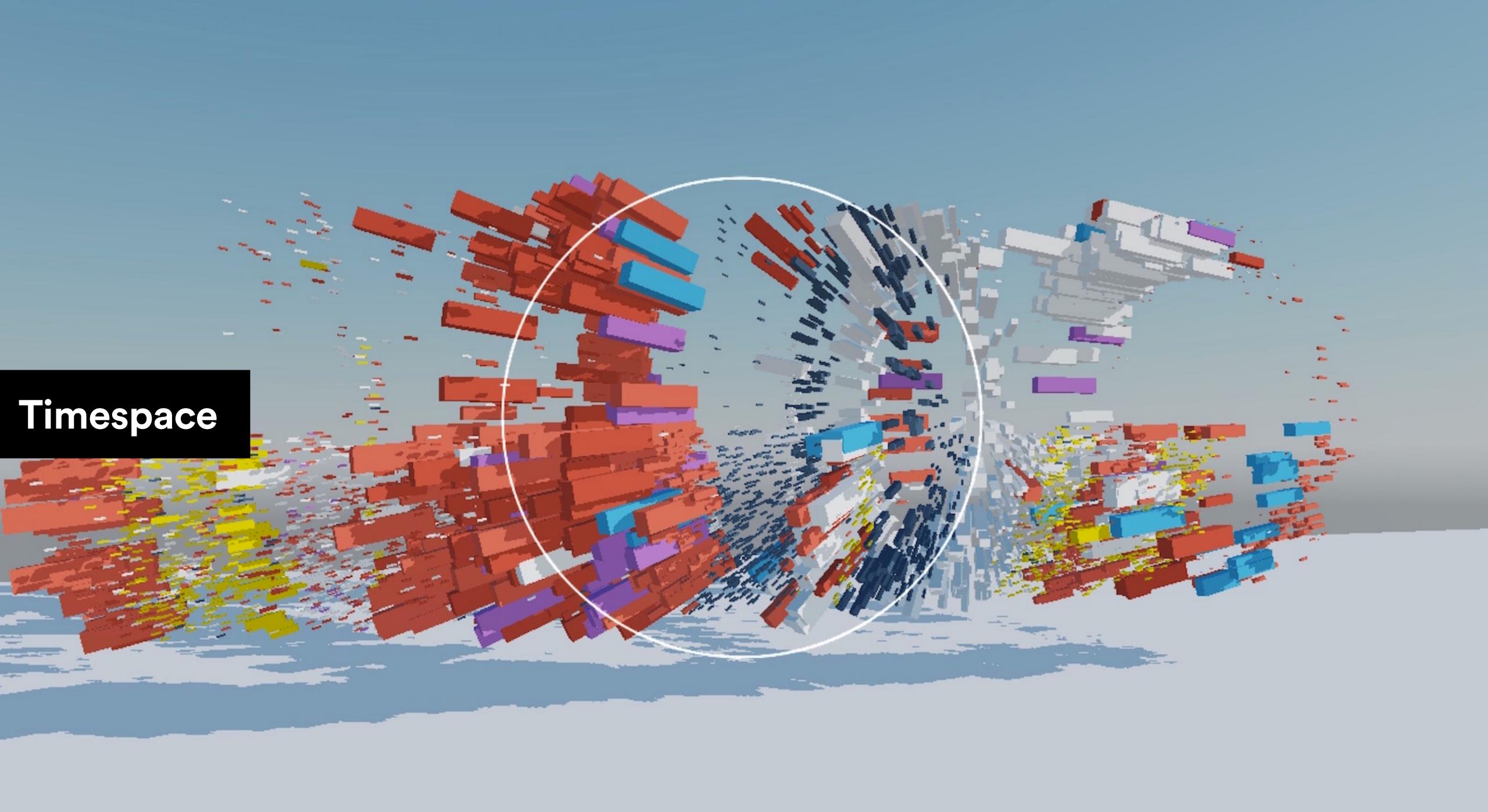


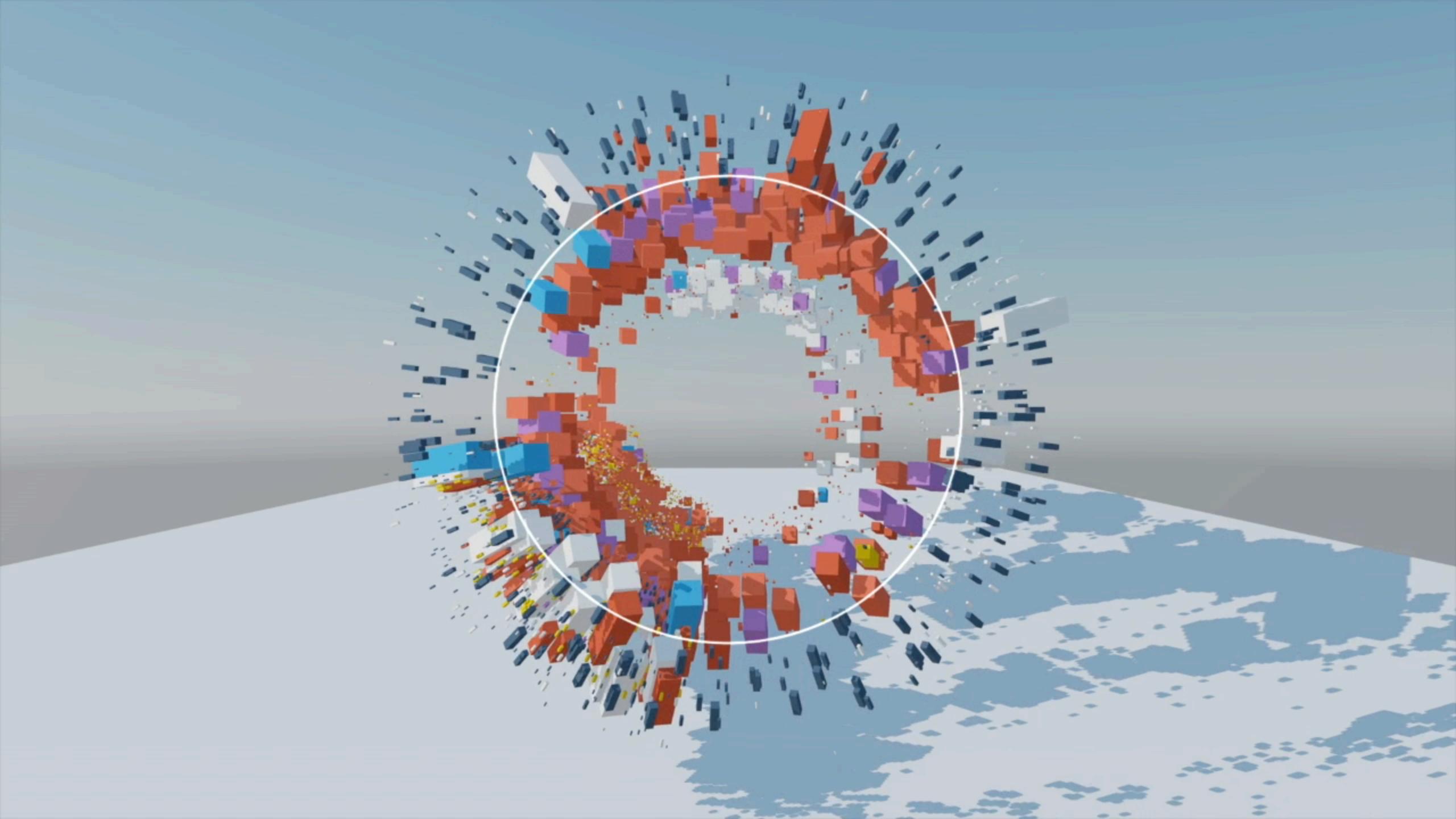
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Dropbox

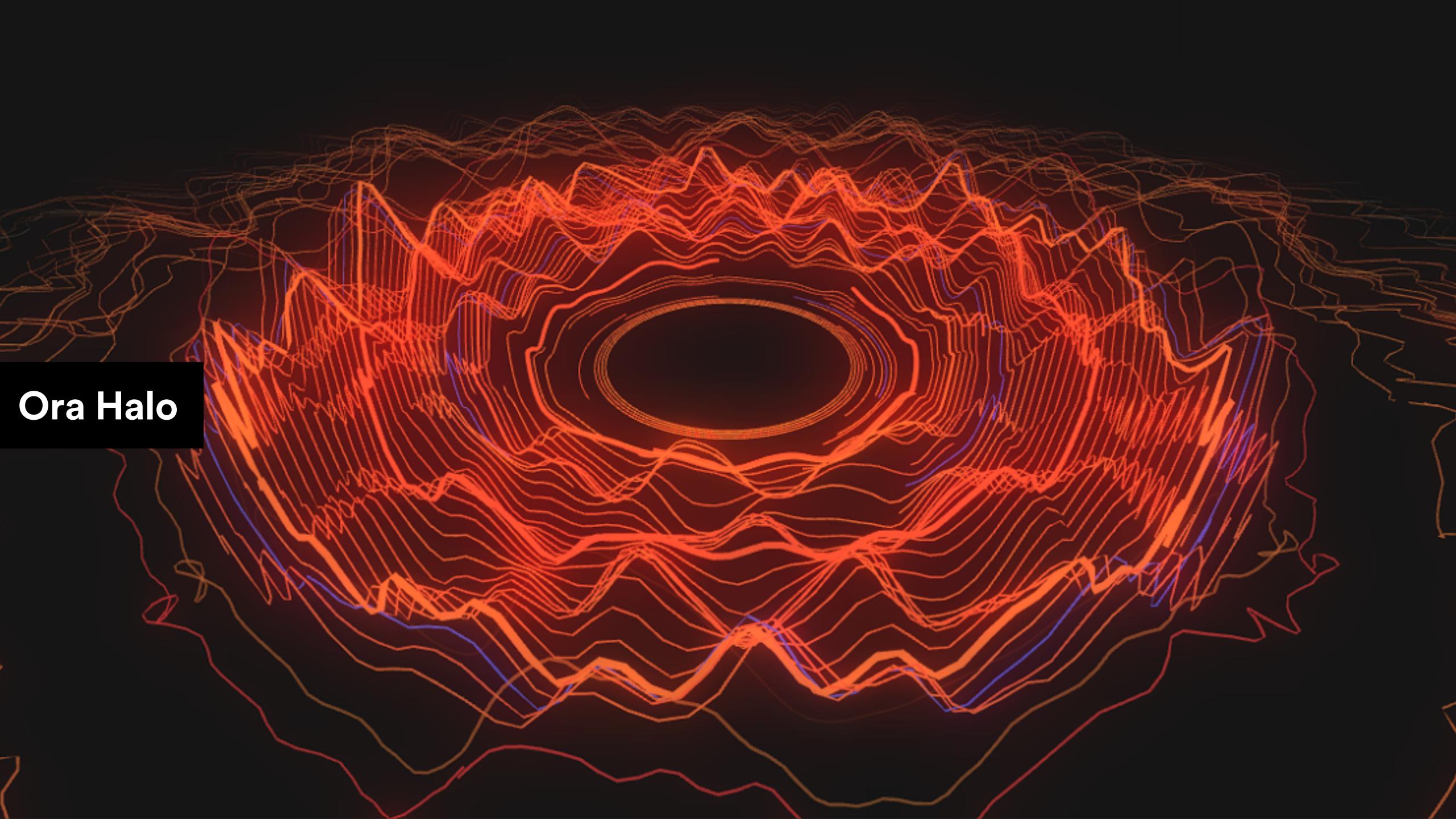




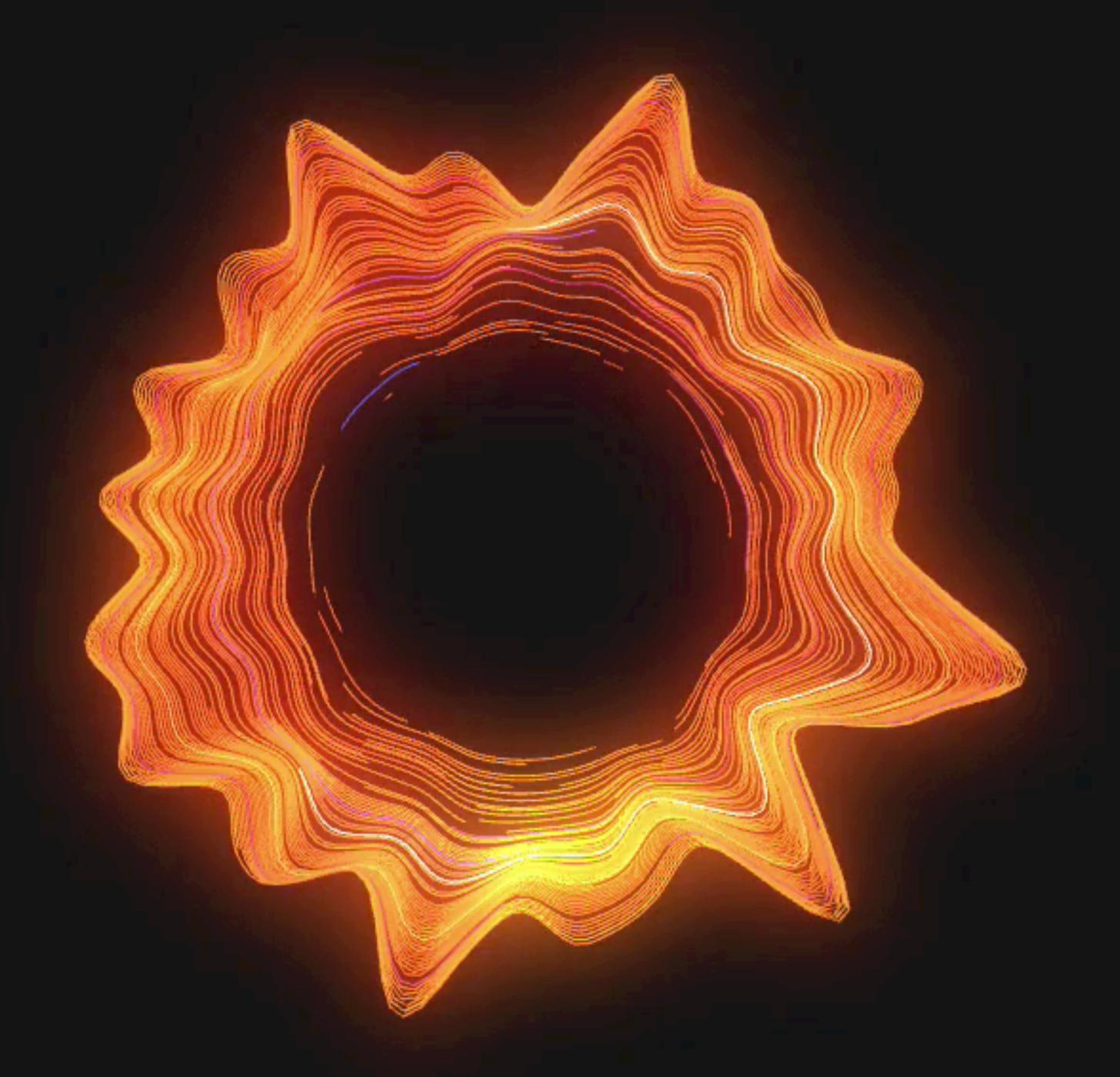




Synesthesia







Player 1 / 2

Next

Name : Energy Of Light

Champion 1 / 12 Prev Next

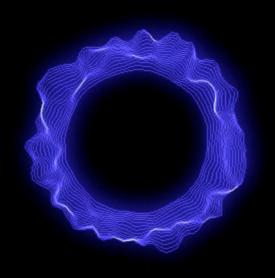
Name : Graves

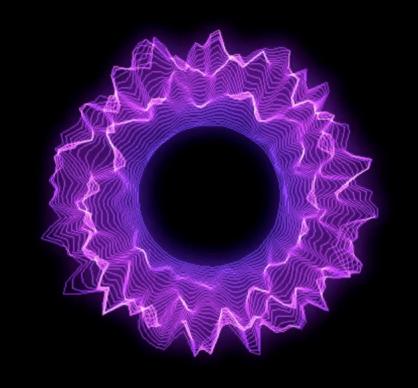
Player Perf (KDA): 243

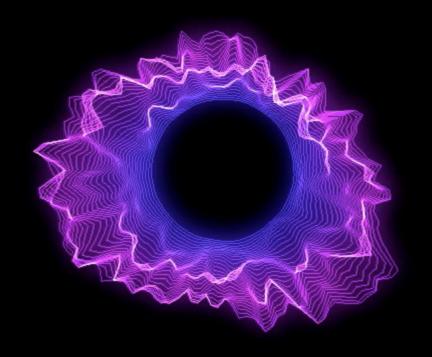
Team Perf (Complexity): 29



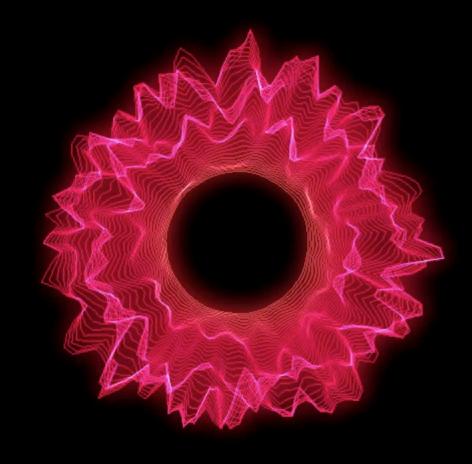


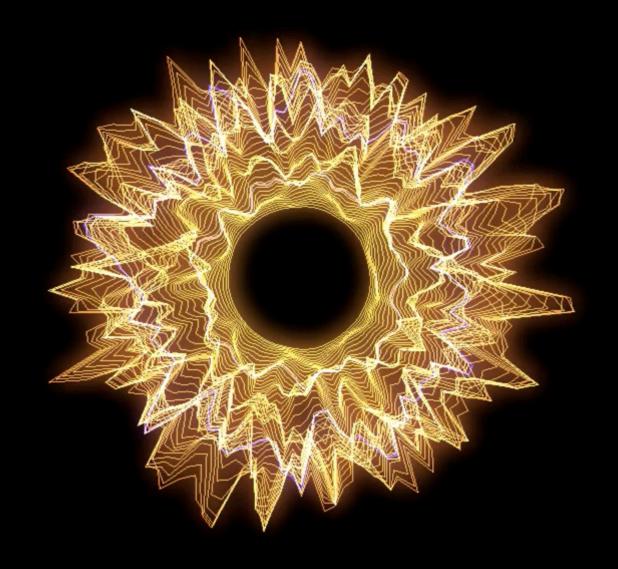


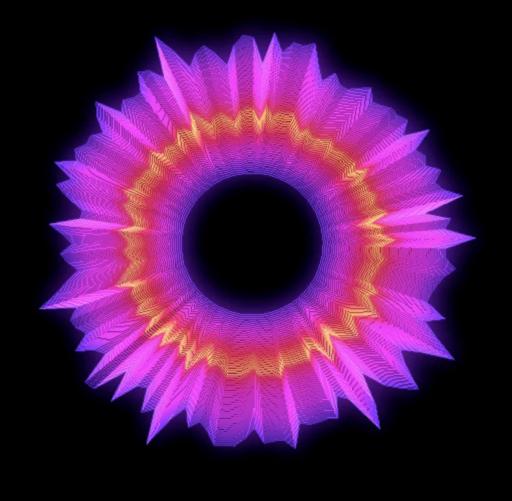




Ora Halo

























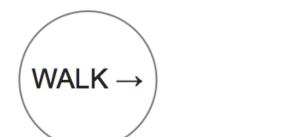












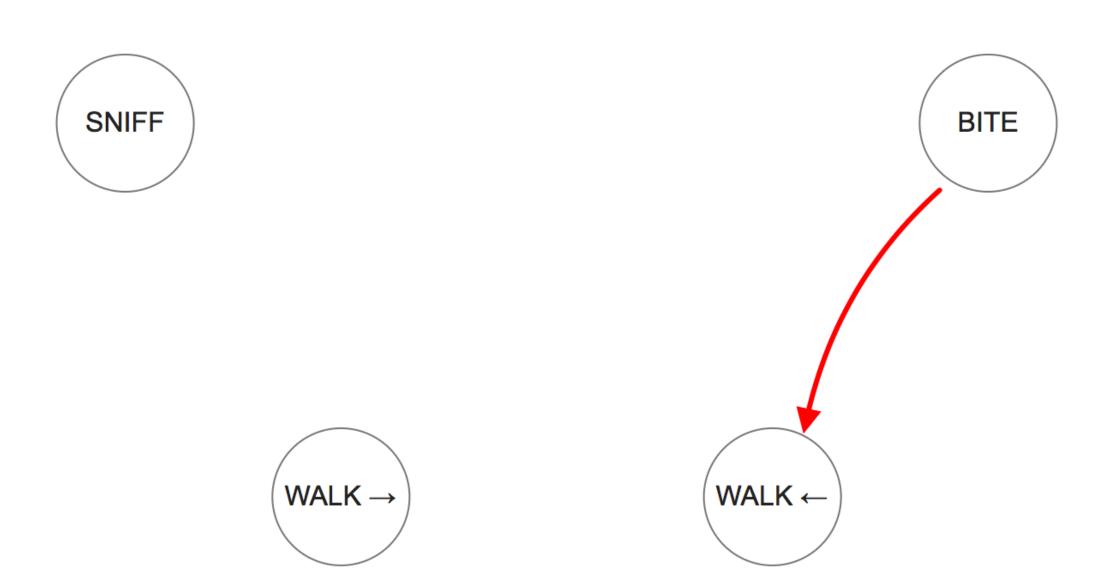




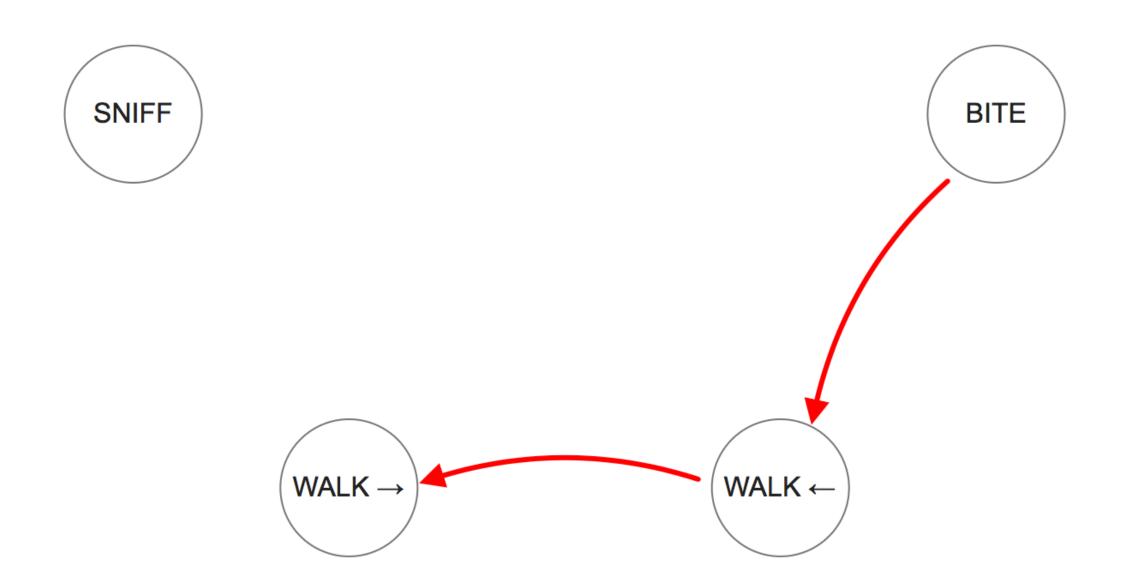




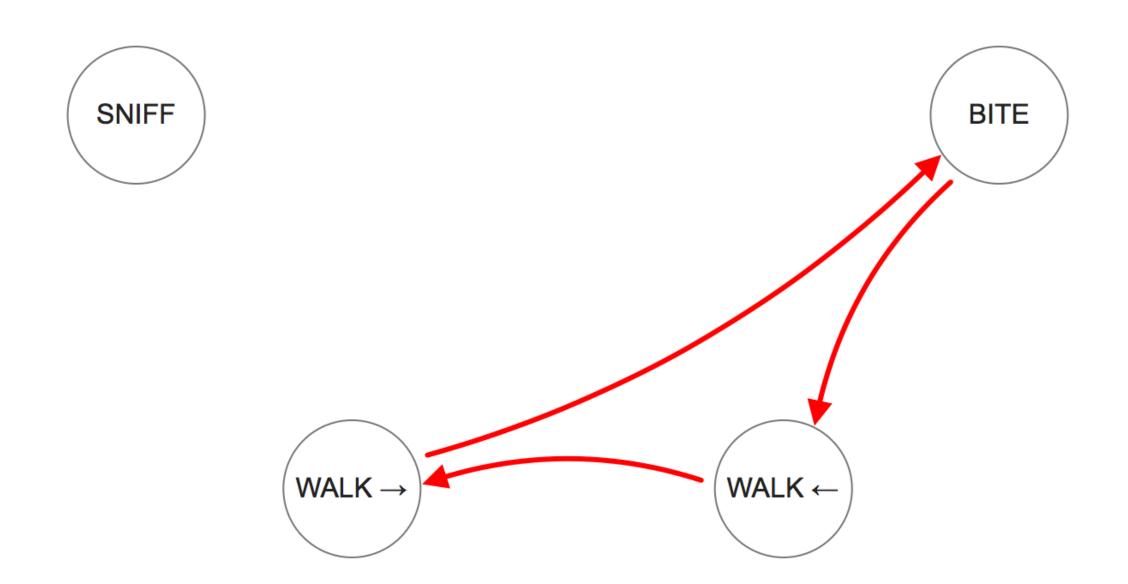




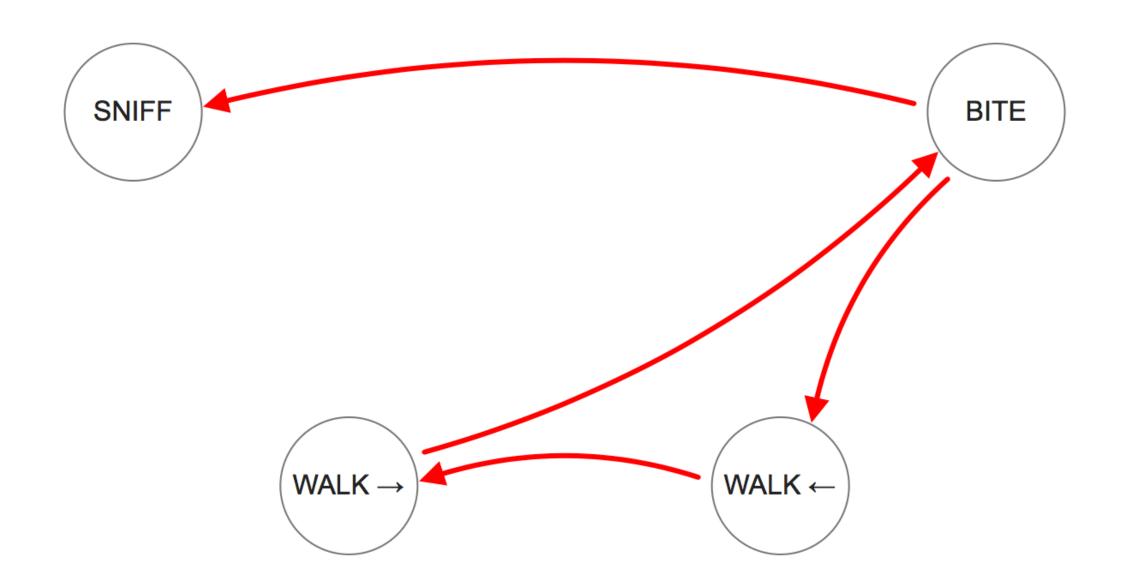




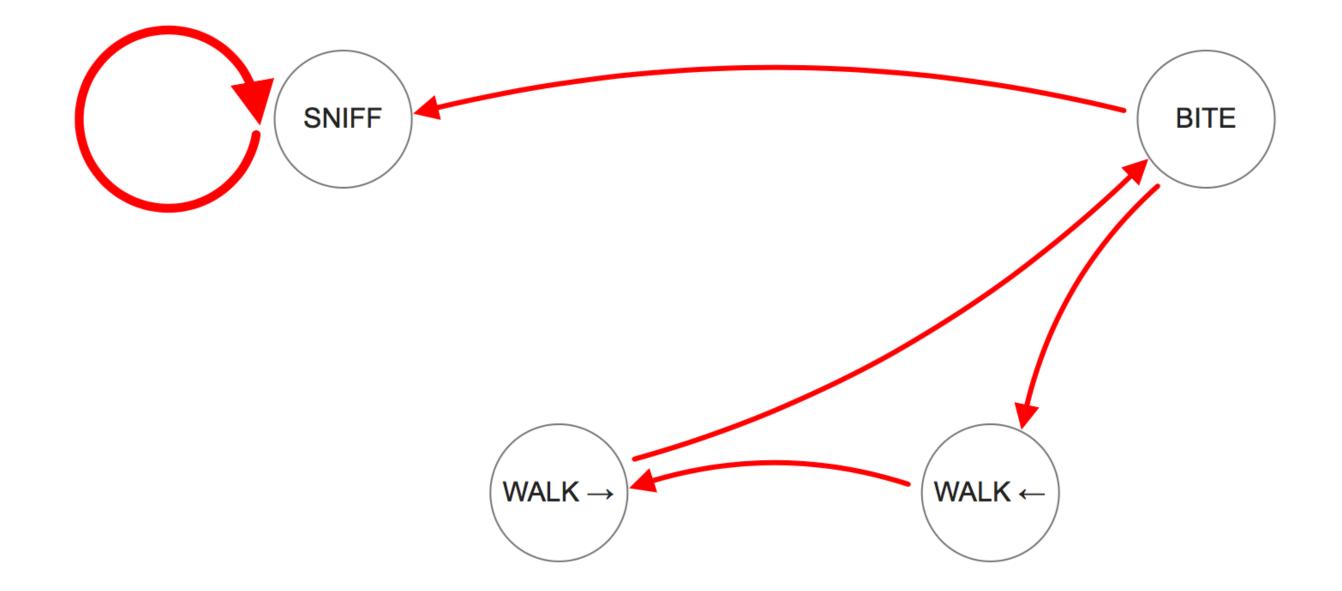


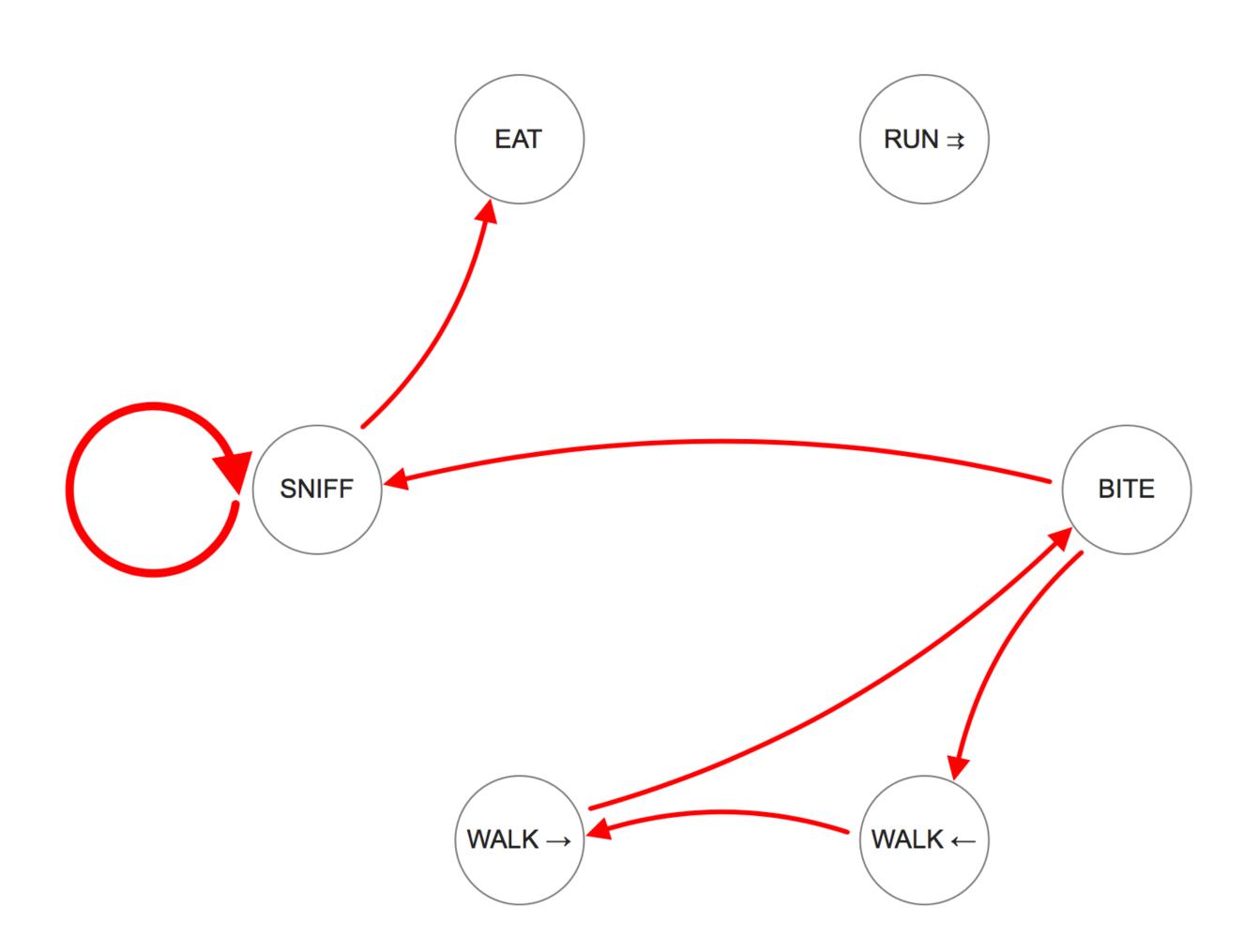


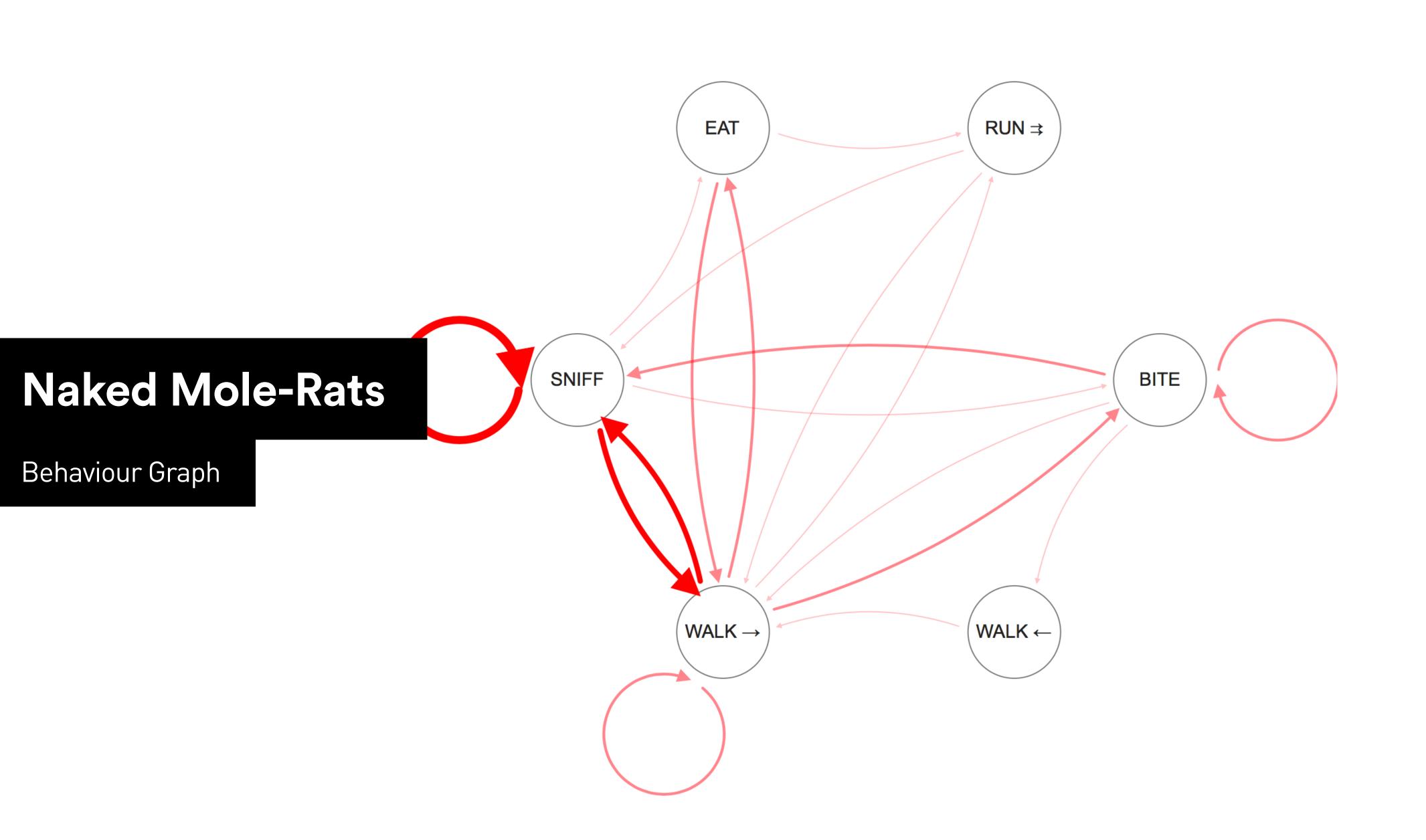


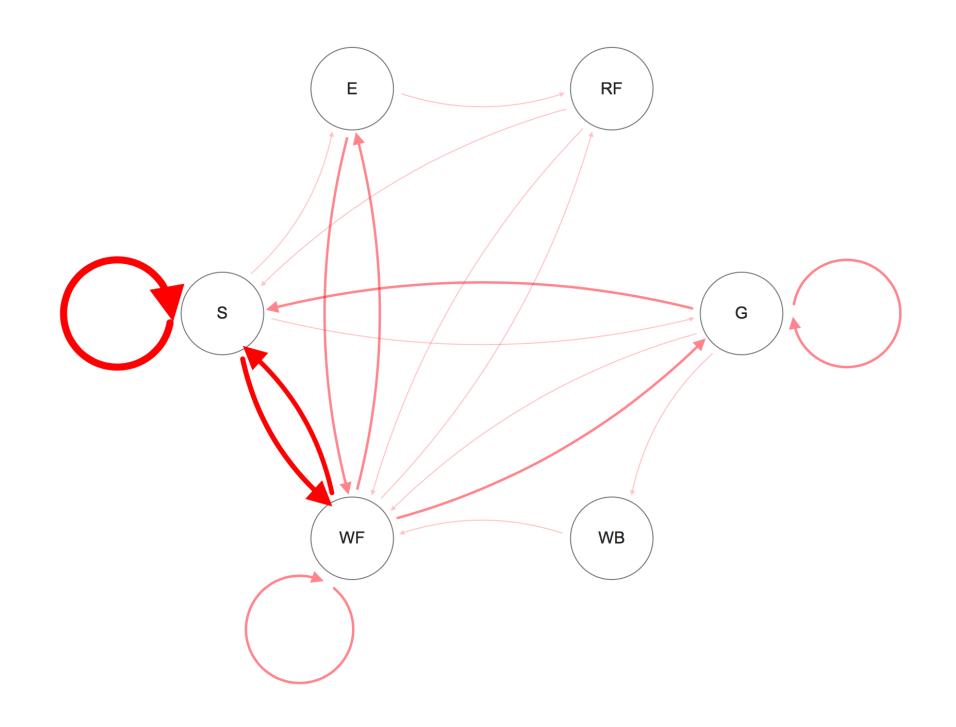




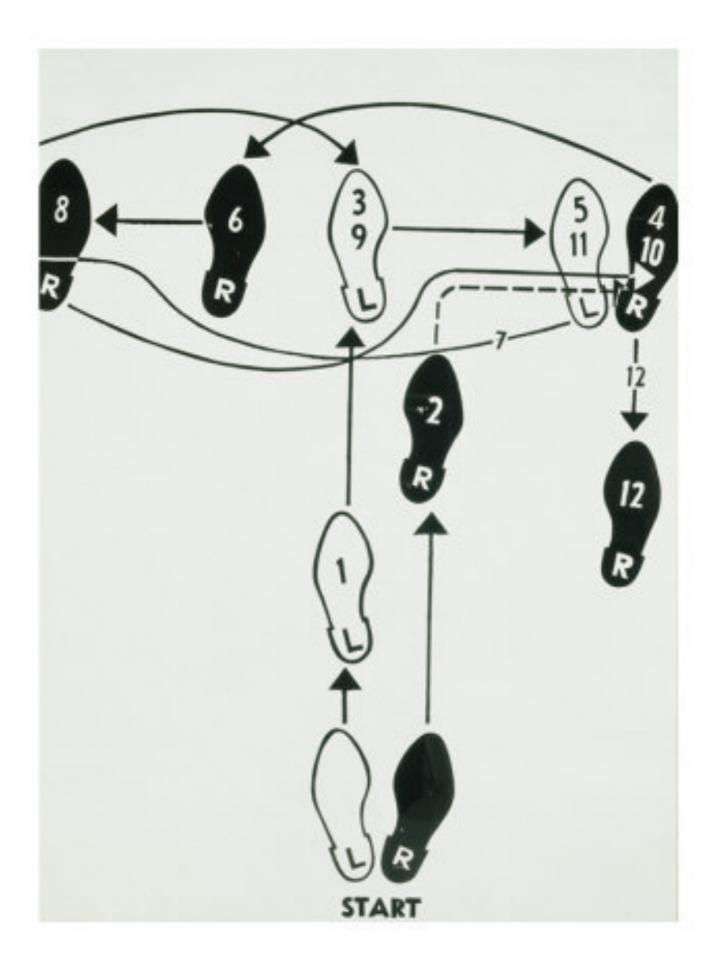






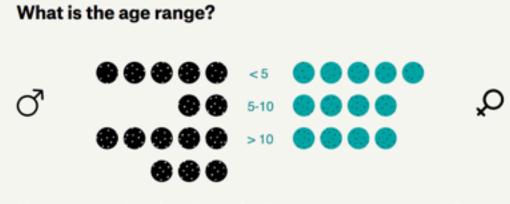


Naked Mole-rat Behaviour



Tango Dance StepsArthur Murray

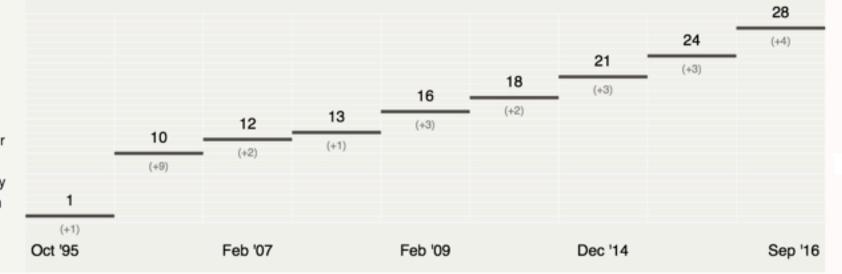
What's the gender distribution? 54% male vs 46% female Fairly equal, a recent litter of pups contained all males. Male / Female Distribution



The youngest is less than 12 months, the eldest is over 21 years old! Numbers above are in years. Blue dots represent females, black dots are males.

How do the generations evolve?

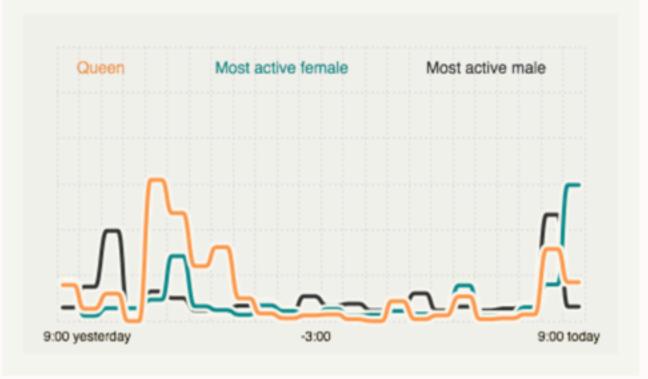
As far as we know, the record litter for a naked mole-rat colony is 27 pups! This graph shows the colony growth over time. Breeding began in 2006 when a Queen was introduced to a new community.



6 036*531*284 Do individuals have a regular route? 12 025*633*288 Rarely These "heat" maps show the last 24 hours of activity for each animal. Where the lines are darkest it shows where that animal hangs out most often. The patterns are different as members 24 840*122*030 of the community have different roles, some maybe defending a certain area. The queen is marked orange, males are black and females blue.

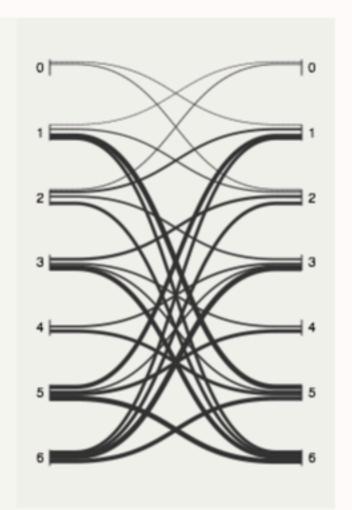
Which are the most active animals?

This plot shows activity over the past 24 hour period. Activity is based on how frequently animals pass the sensors around the burrow.



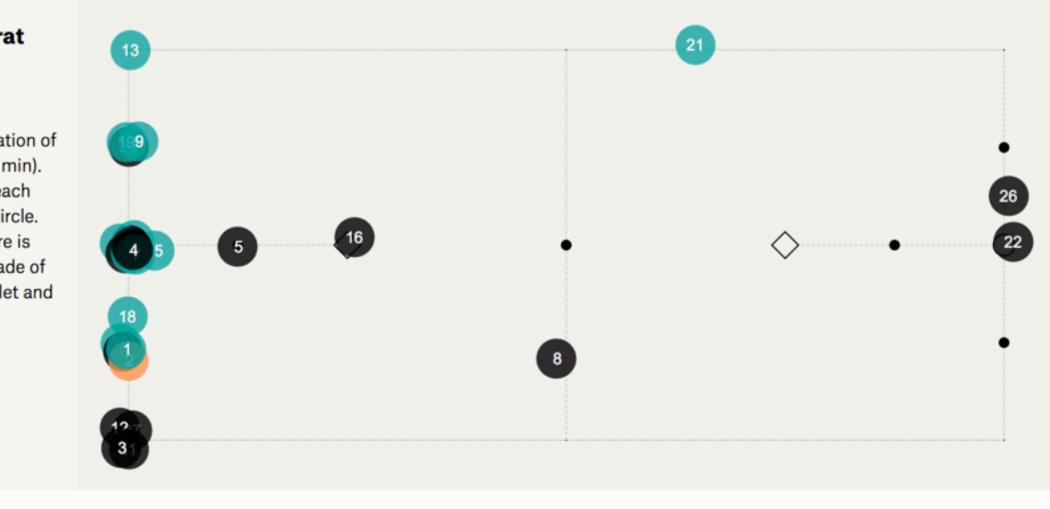
Most popular paths

This diagram shows which routes in the burrow are taken most often. For instance if route 4 to 5 is the thickest we know that the animals are visiting the toilet a lot!



Current naked mole-rat positions at 09:02 20 Apr 2017

This is a live data representation of the colony (updated every 5 min). The last known position of each animal is represented by a circle. The burrow we've drawn here is simplified, the real one is made of clear tubes with feeding, toilet and sleeping chambers.





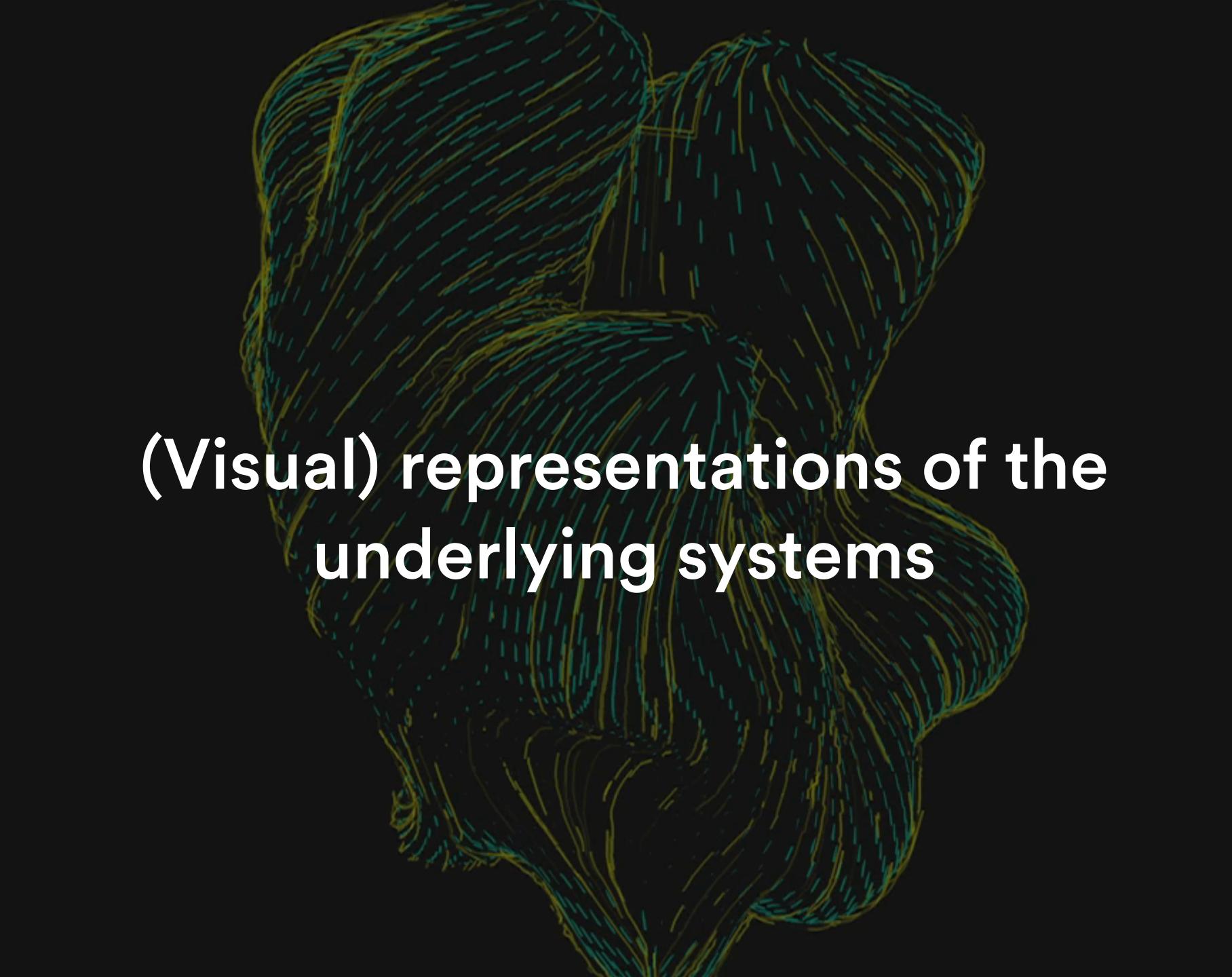
Data Art?

Liam Young, Memo Akten

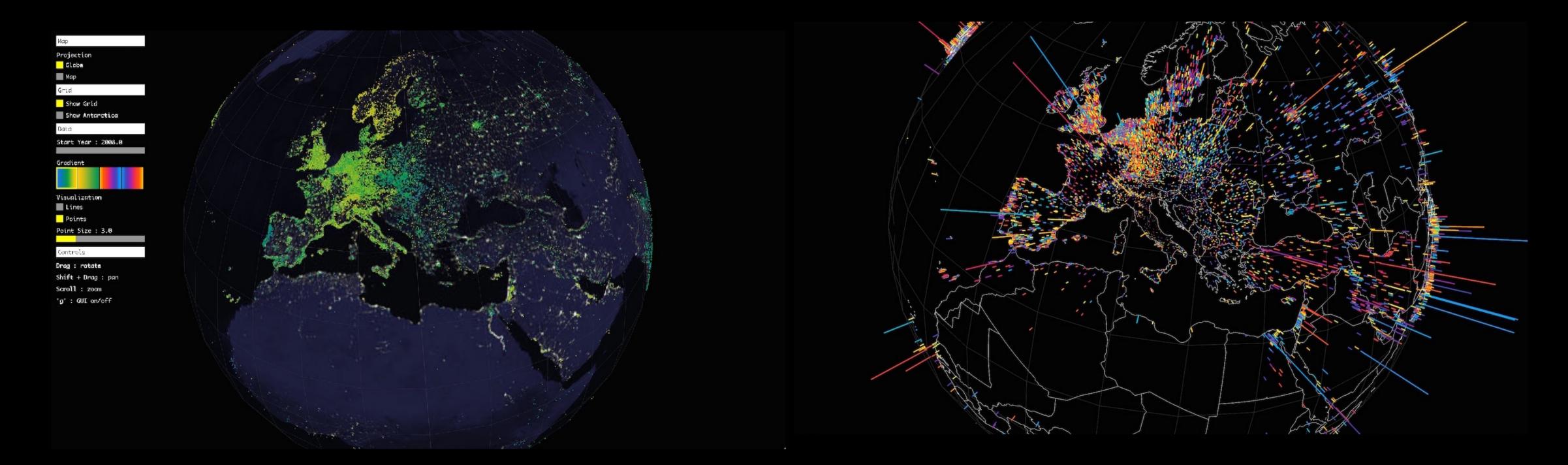
Data Dramatisation

Tom Corby

Un-visualization



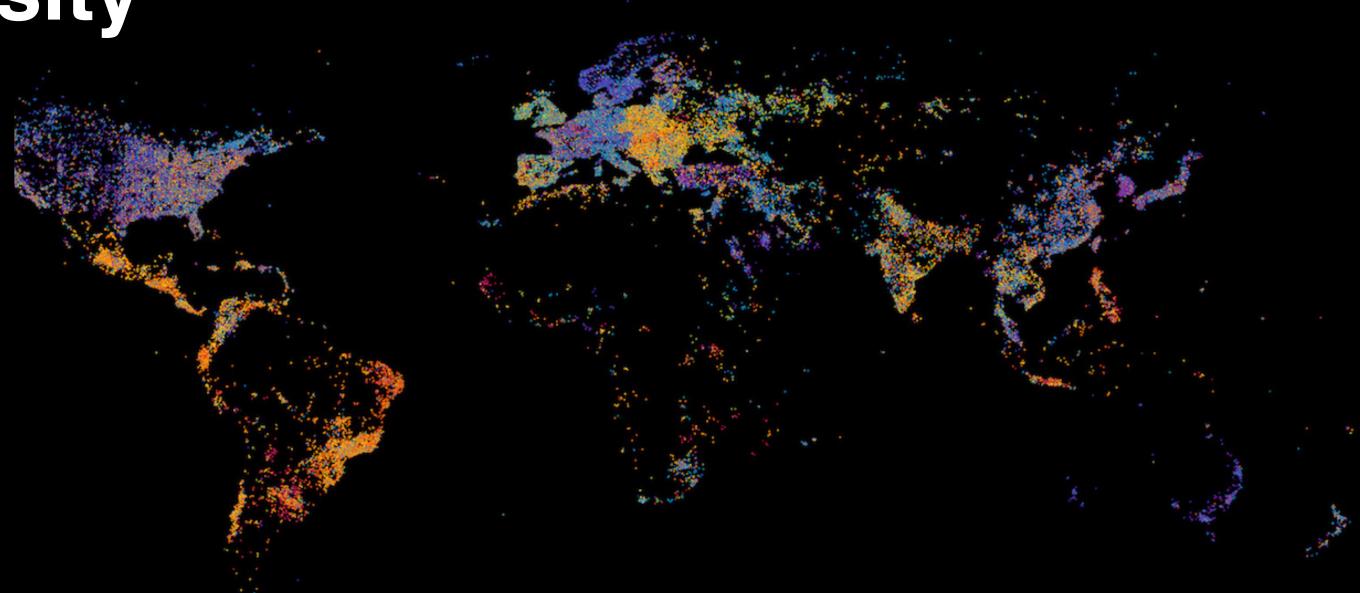
Building systems
Deconstructing systems



Android Diversity

Google

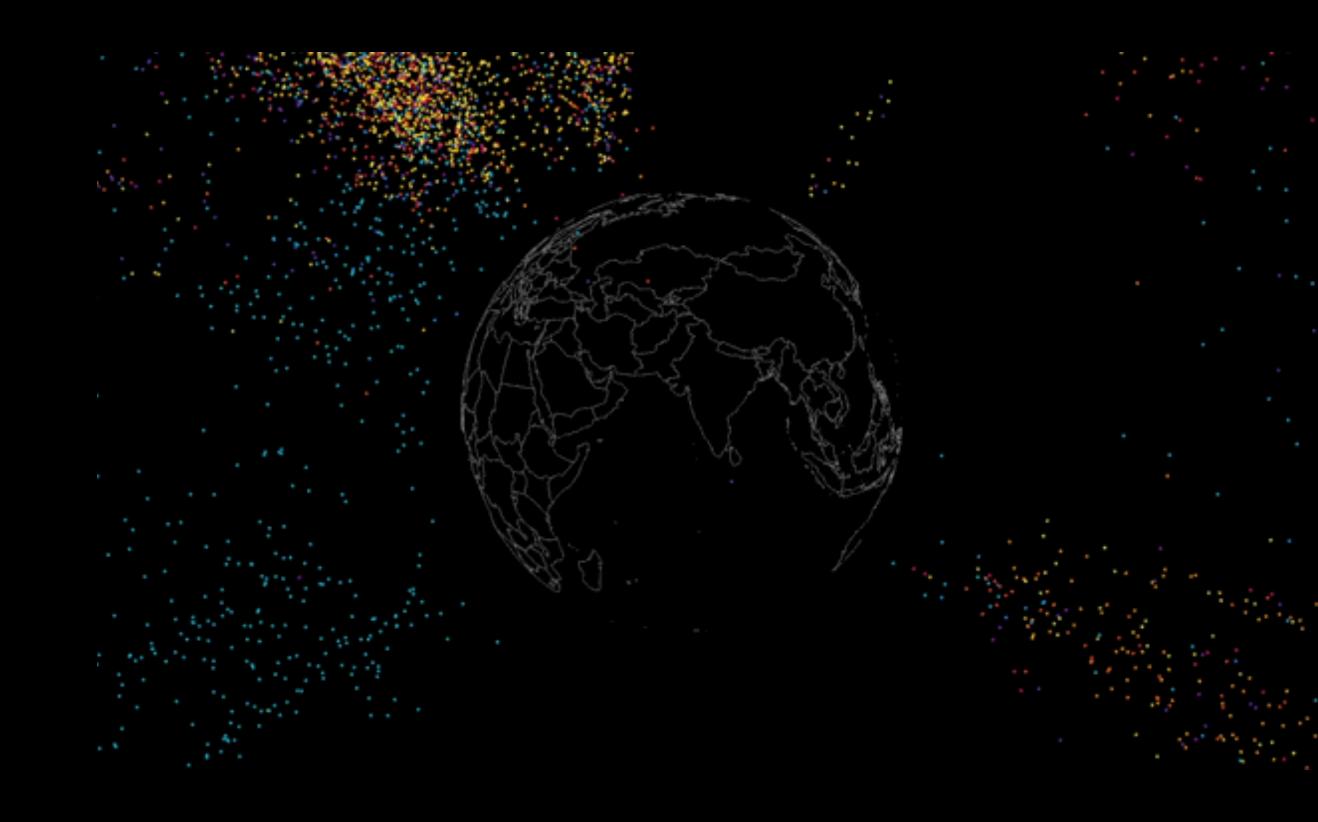
1B+ active Android users





Android Diversity





Android Diversity

England

Life satisfaction (9-10)¹

England = 26.3%, UK = 26.8%



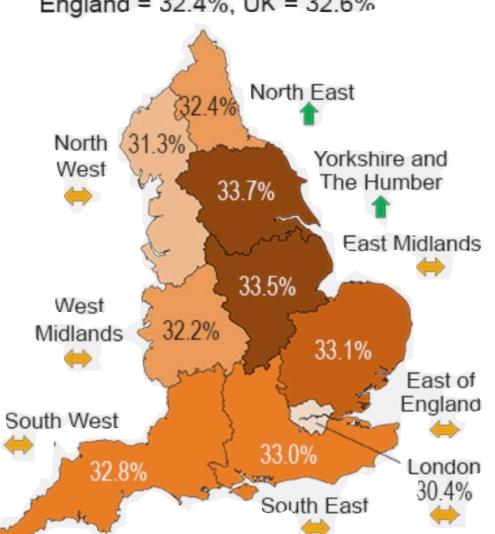
Personal Well-being in the UK and

London, 2013/14



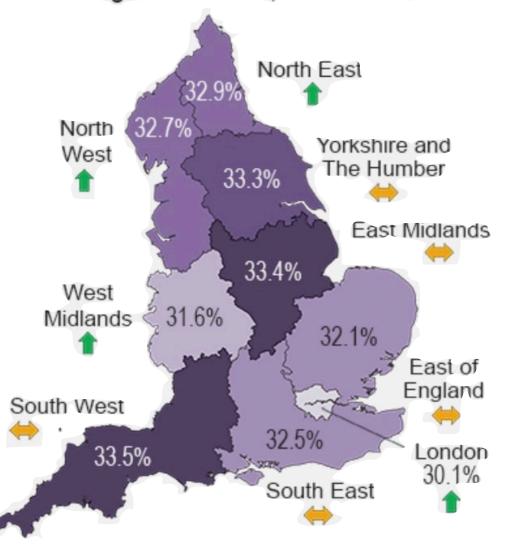
Happiness (9-10)¹

England = 32.4%, UK = 32.6%



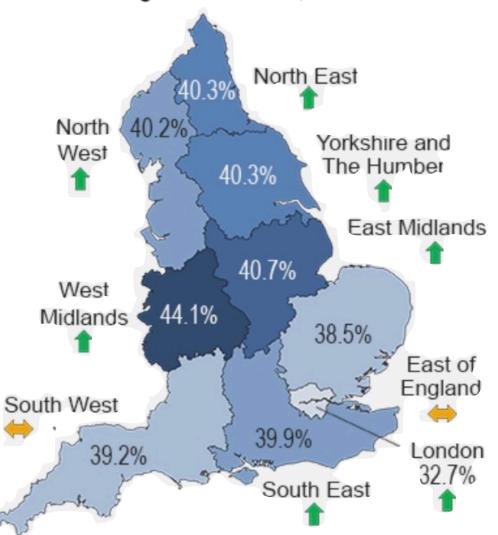
Worthwhile (9-10)¹

England = 32.3%, UK = 32.6%

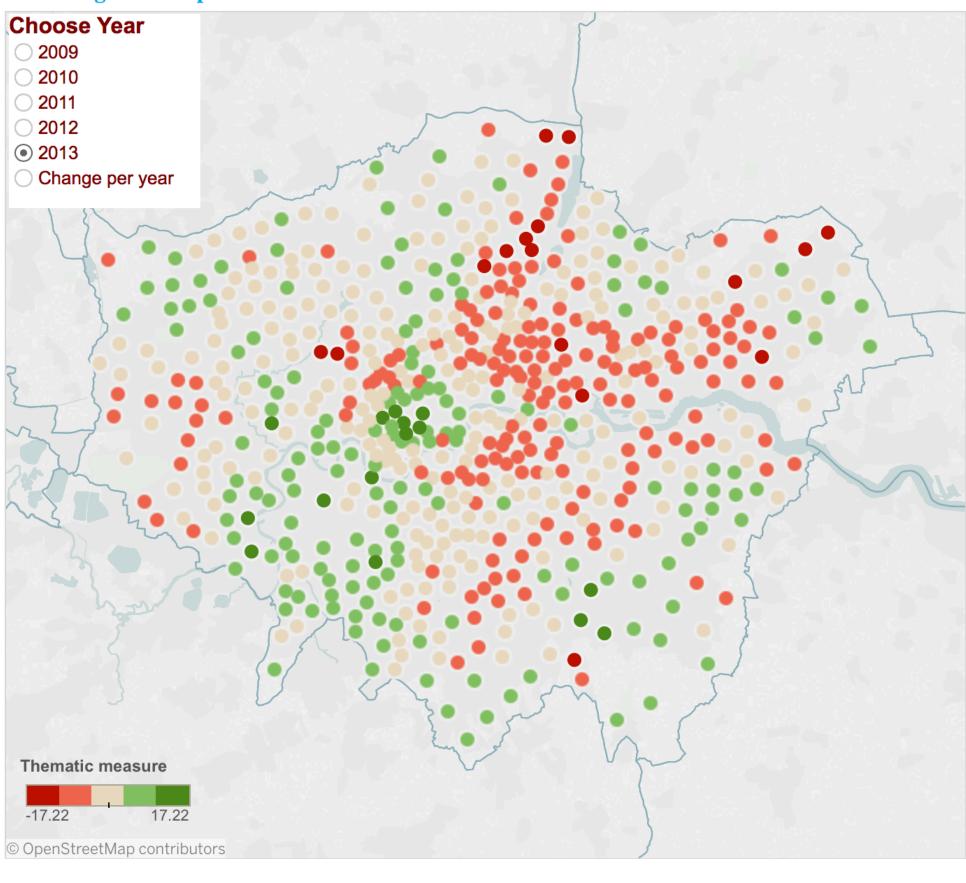


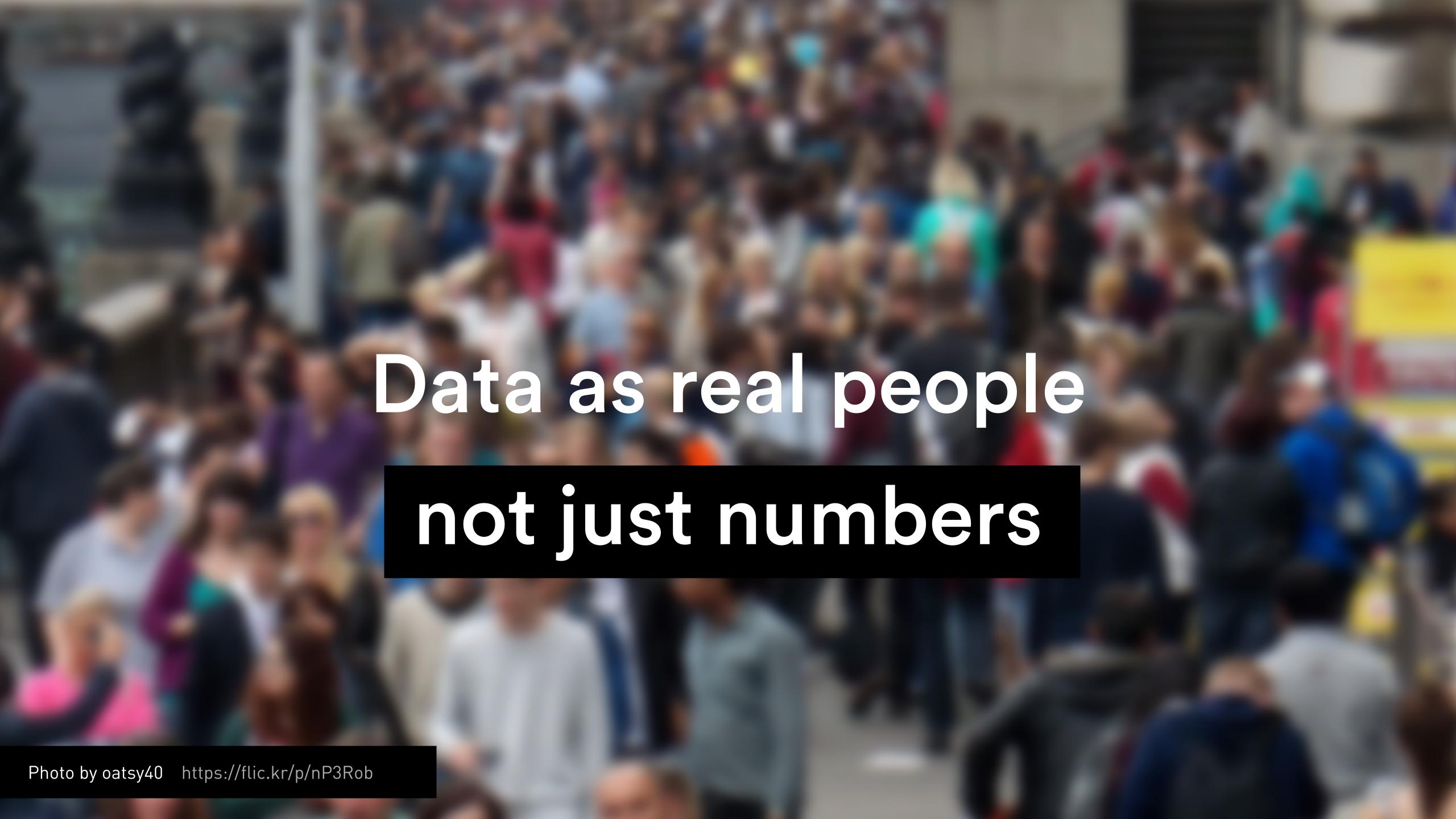
Anxiety (0-1)¹

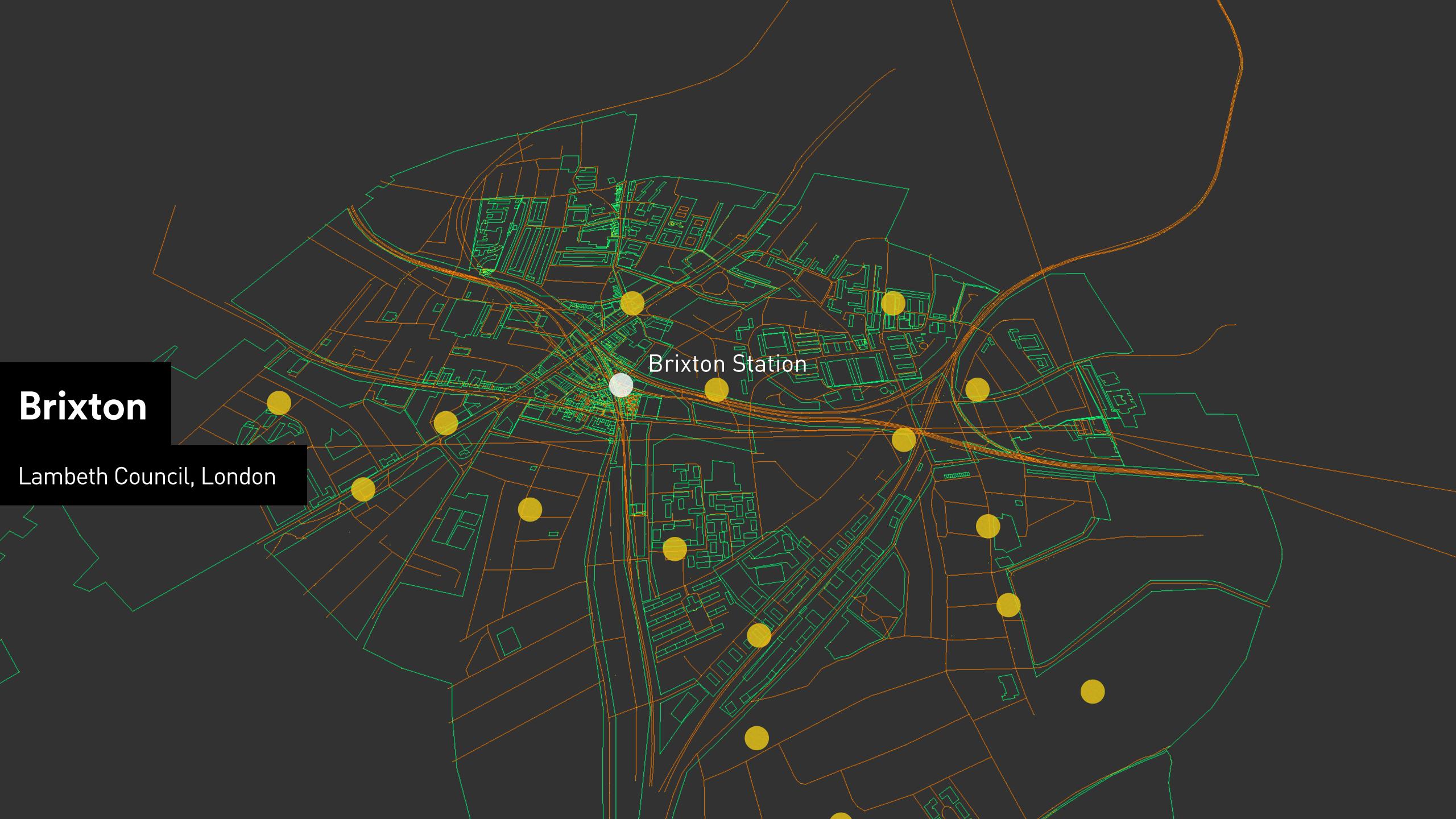
England = 39.2%, UK = 39.4%



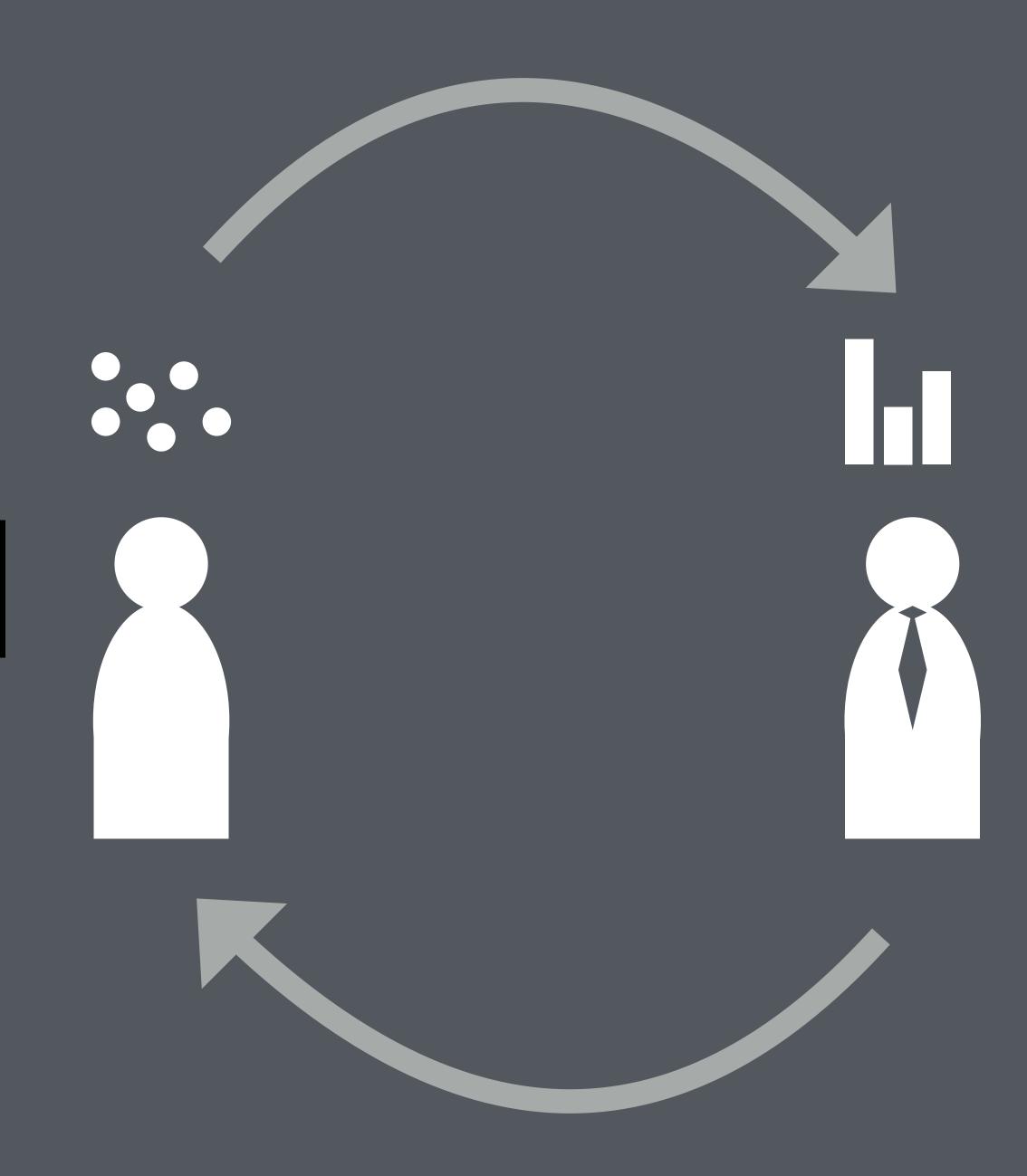
Well being ward map



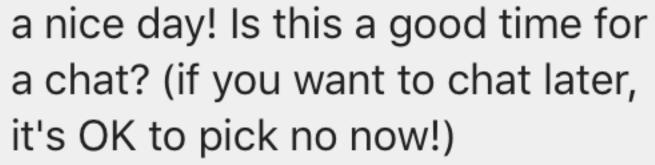








Reciprocity of data





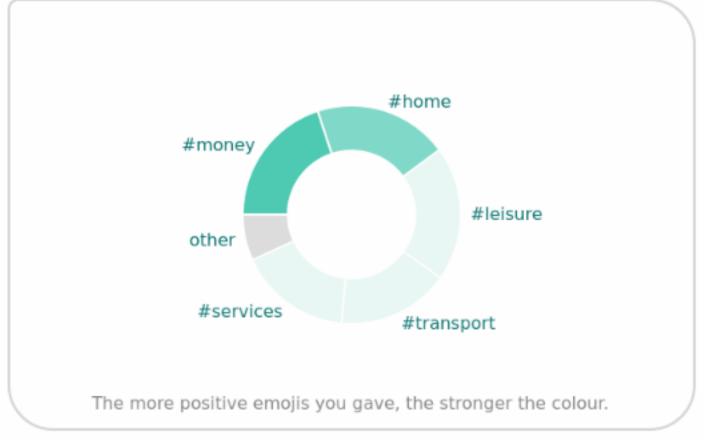
yes

Thanks Marcin! Before we get started, how would you say you feel today overall? Please pick a number between 0 and 10, where 0 is terrible and 10 is amazing. #howareyoudoing

Hey Marcin! Hope you are having

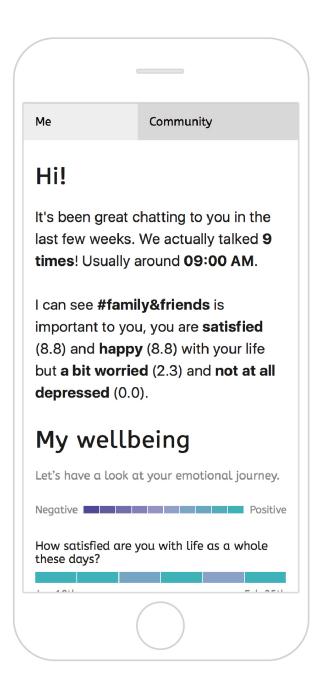


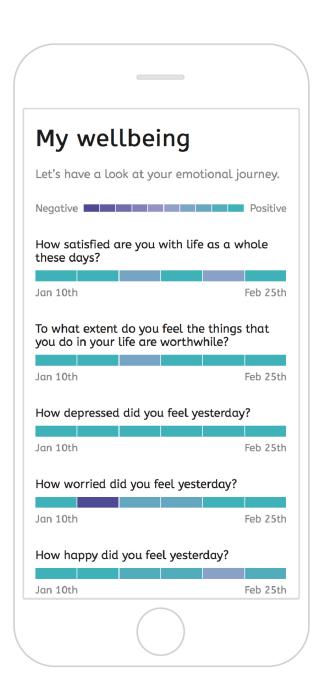


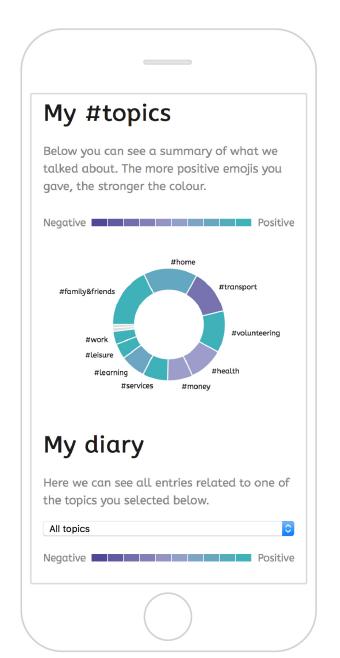




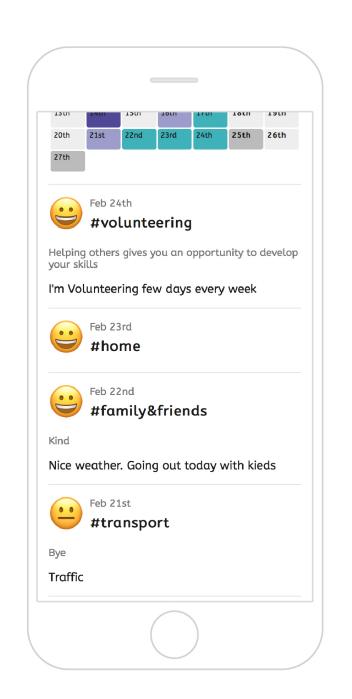
Your data diary



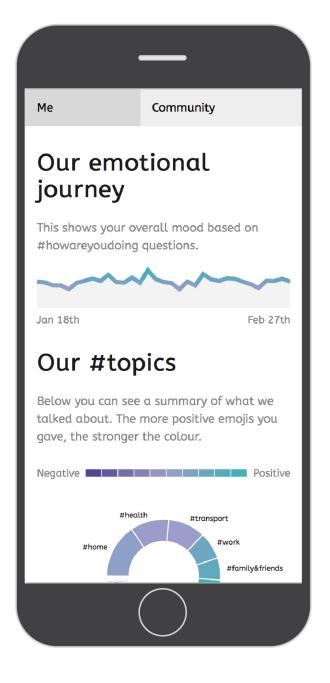


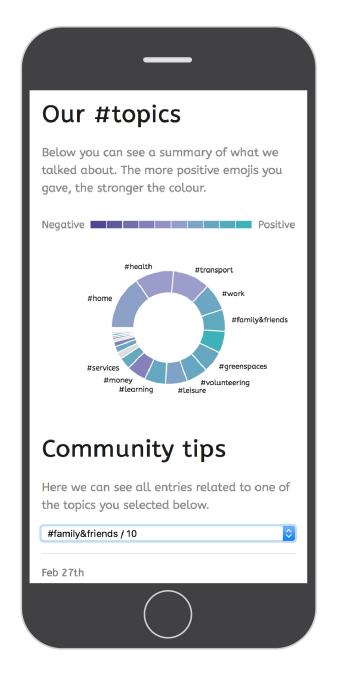


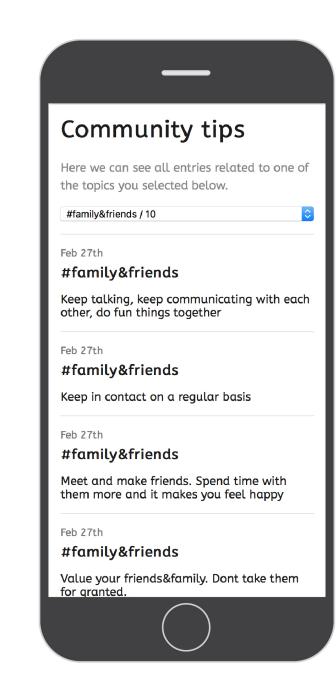




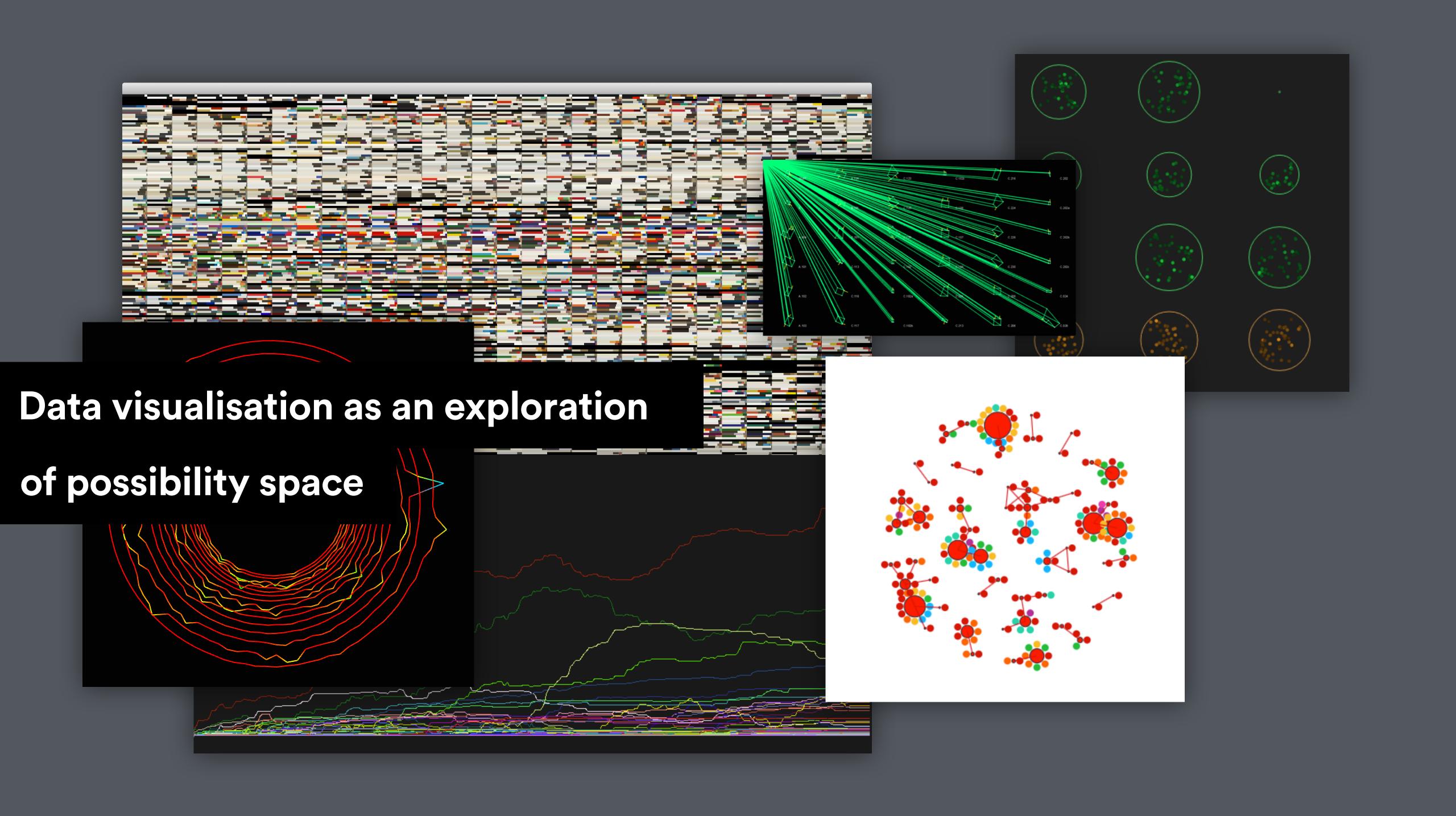
Collective local diary











Understanding the world

