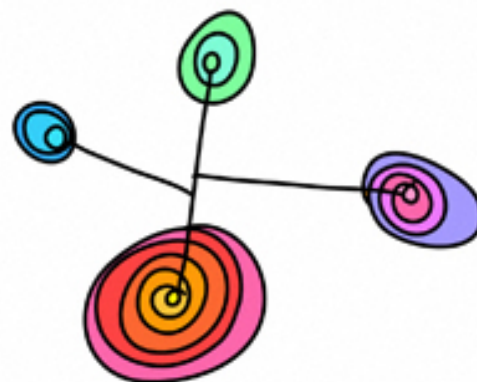




AN ALGORITHM
WHERE GOD
AND SEX
USED TO BE.





RE-WILDING AGILE

BUT, LIKE CLIMATE CHANGE, IT MAY BE ABOUT MITIGATING THE DAMAGE ...

NATURAL SCIENCE AS A CONSTRAINT ON EMERGENT PRACTICE

- THE PARADOX OF STRUCTURE IN ADOPTION
- THE CERTIFICATION SCAM
- TOO MANY RECIPE BOOK USERS
VERY FEW CHEFS
- STARTING AT THE END OF
SOMEONE ELSE'S JOURNEY
- CONFUSING CORRELATION WITH
CAUSATION
- IDEOLOGY BASED EVIDENCE &
OTHER ERRORS; *MOSTLY HARMLESS*





"24 radiologists were asked to perform a familiar lung nodule detection task.

A picture of a gorilla, 48 times larger than the average nodule, was inserted in the last case.

83% of radiologists did not see the gorilla.

Eye-tracking showed that the majority of the those who missed the gorilla looked directly at it"

-Drew, Vo & Wolfe
Psychol Sci. Sep 2013; 24(9): 1848-1853

TOLERATED FAILURE CREATES MORE LEARNING THAN SUCCESS

WHAT STORIES DO YOU
TELL. YOUR CHILDREN?





"...Complexity is looking at interacting elements and asking how they form patterns and how the patterns unfold. It's important to point out that the patterns may never be finished.

They're open-ended. In standard science this hit some things that most scientists have a negative reaction to. Science doesn't like perpetual novelty."

-Brian Arthur

IMPLICATIONS

- The danger of retrospective coherence; joining up the dots
- Dispositions are what count, in a CAS there are no linear relationships between cause and effect
- How people interact with others and things is more important than who or what they are (trios)
- Shift to rules & heuristics





CYNEFIN

A FRAMEWORK TO MAKE SENSE OF THE
WORLD IN ORDER TO ACT IN IT

IF YOU WANT A CARPENTER
TO DO HIS BEST WORK,



LET HIM USE HIS
OWN TOOLS.

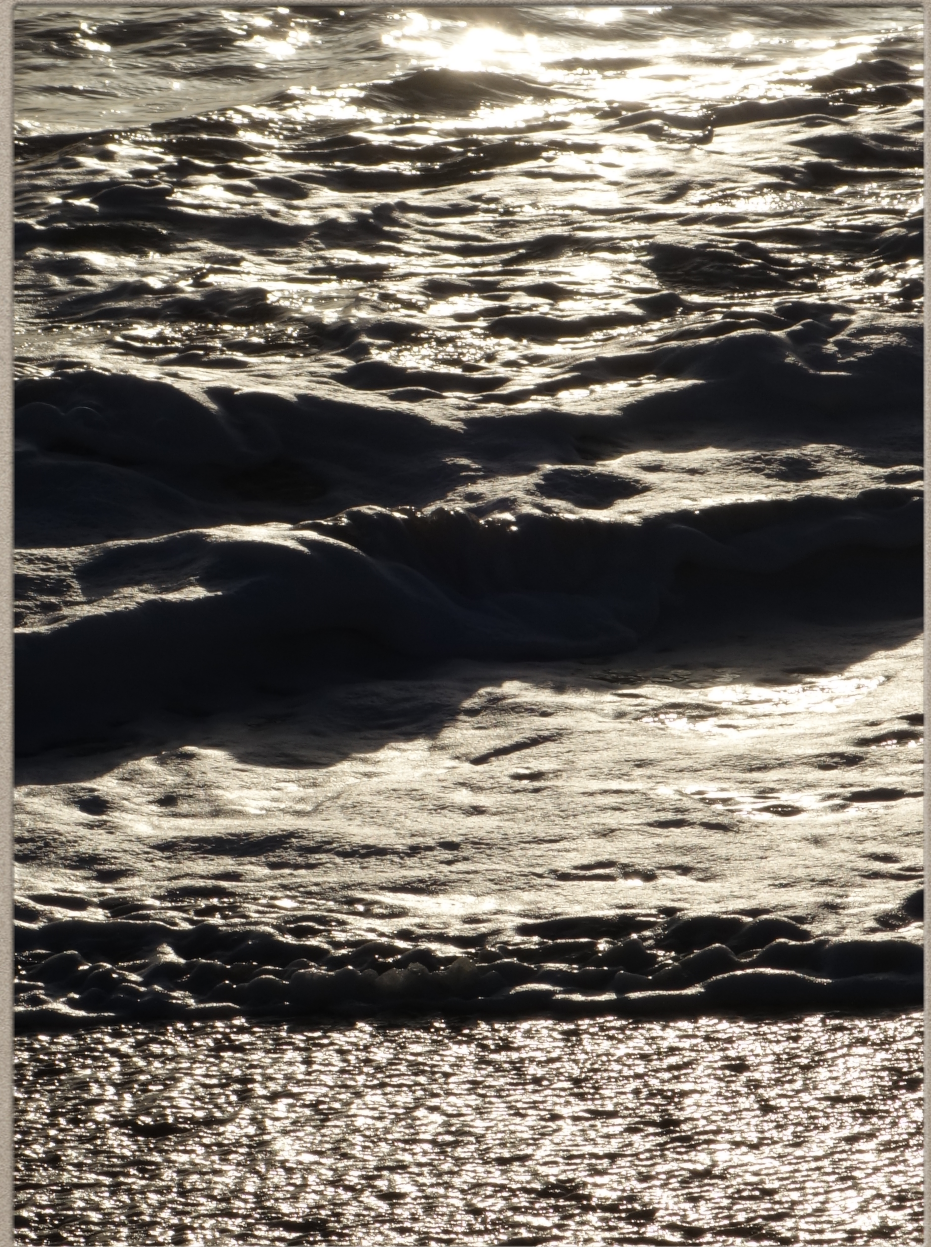


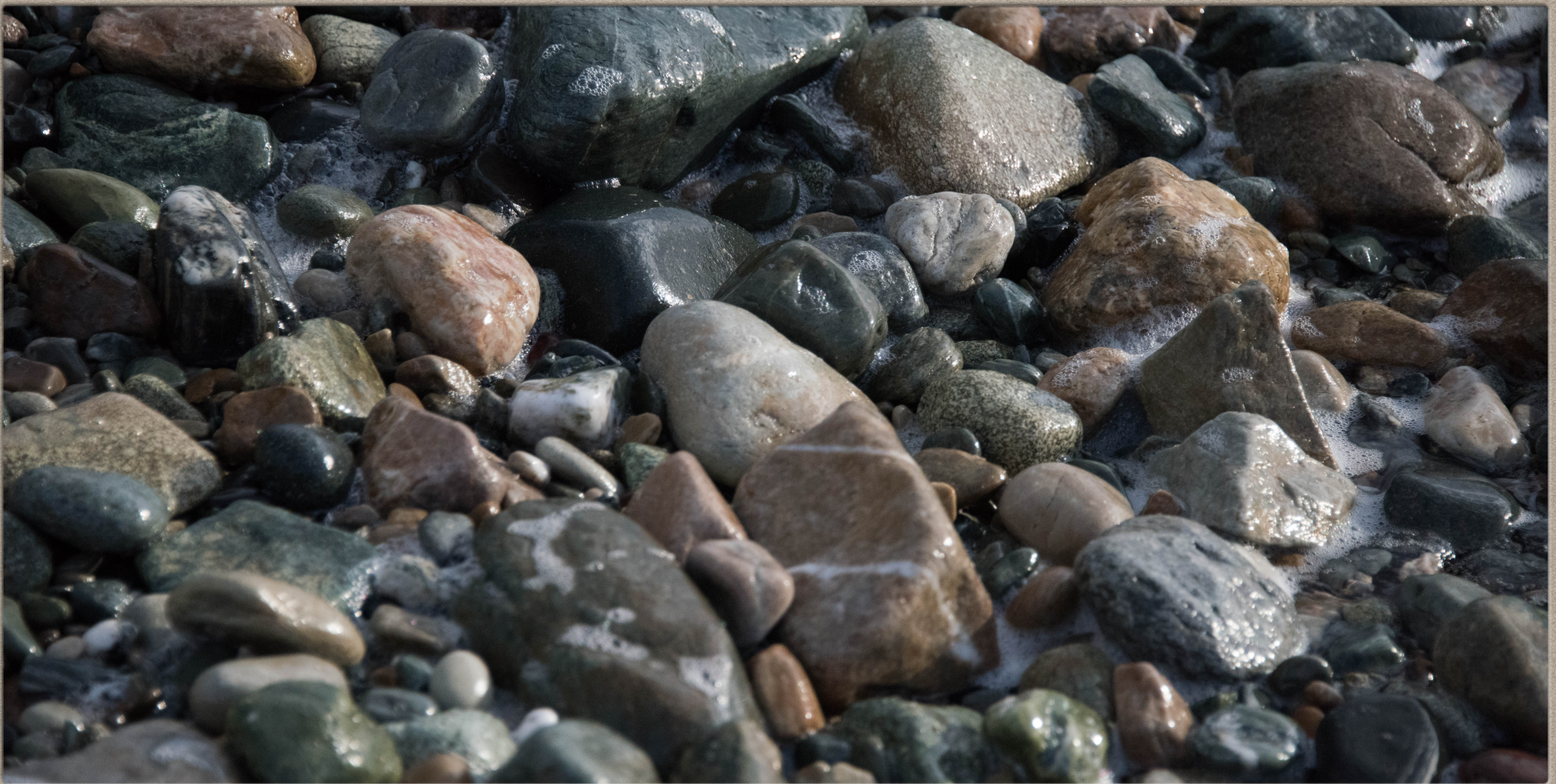
THREE PRINCIPLES OF COMPLEX SYSTEMS DESIGN

OPTIMISE THE
GRANULARITY

DISTRIBUTE &
DIVERSIFY COGNITION

DISINTERMEDIATION
DECISION MAKERS;
FRACTAL





GRANULARITY MATTERS

YOU DON'T SCALE A COMPLEX SYSTEM, BY AGGREGATION OR IMITATION BUT BY DECOMPOSITION AND RECOMBINATION

SCAFFOLDING

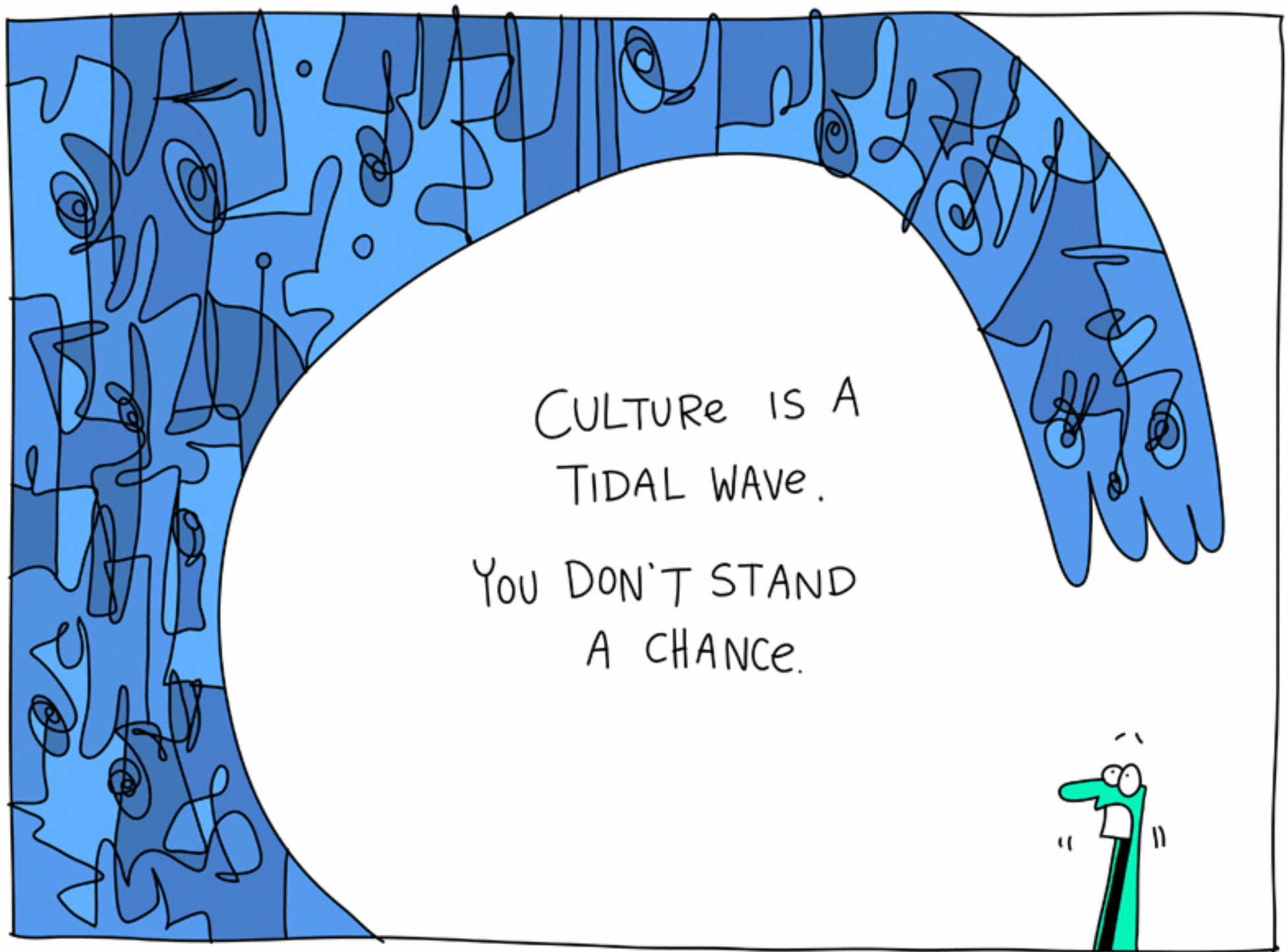
THE MISSING LINK
IN A COMPLEX
THEORY OF THE
ORGANISATION





UNDERSTANDING DISPOSITIONS

ATTITUDES ARE LEAD INDICATORS,
COMPLIANCE A LAG INDICATOR



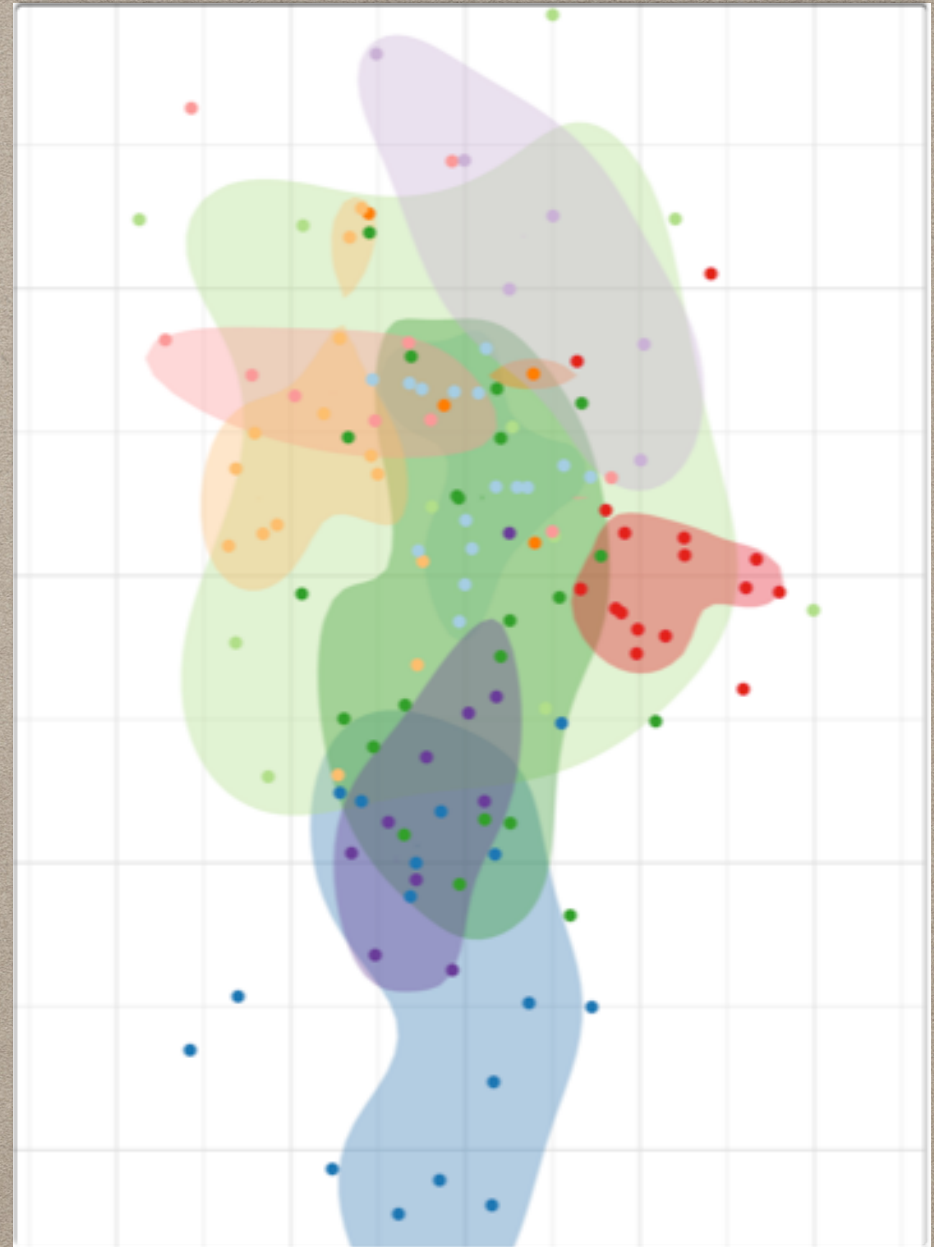
CULTURE IS A
TIDAL WAVE.

YOU DON'T STAND
A CHANCE.



VECTOR THEORY OF CHANGE

MORE LIKE THESE,
FEWER LIKE THOSE





THE STATE OF AGILE PULSE

A JOINT PRODUCTION WITH GAPING VOID



The Cynefin Centre
Making sense of complexity



"He will kill mice and he will be kind to Babies when he is in the house, just as long as they do not pull his tail too hard. But when he has done that, and between times, and when the moon gets up and night comes, he is the Cat that walks by himself, and all places are alike to him. Then he goes out to the Wet Wild Woods or up the Wet Wild Trees or on the Wet Wild Roofs, waving his wild tail and walking by his wild lone."

-Kipling 'Just So Stories' 1902