

FROM SYSTEMS THINKING TO COMPLEX ADAPTIVE SYSTEMS
... IN AN AGE OF UNCERTAINTY



“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

CYNEFIN CENTRE FOR APPLIED COMPLEXITY



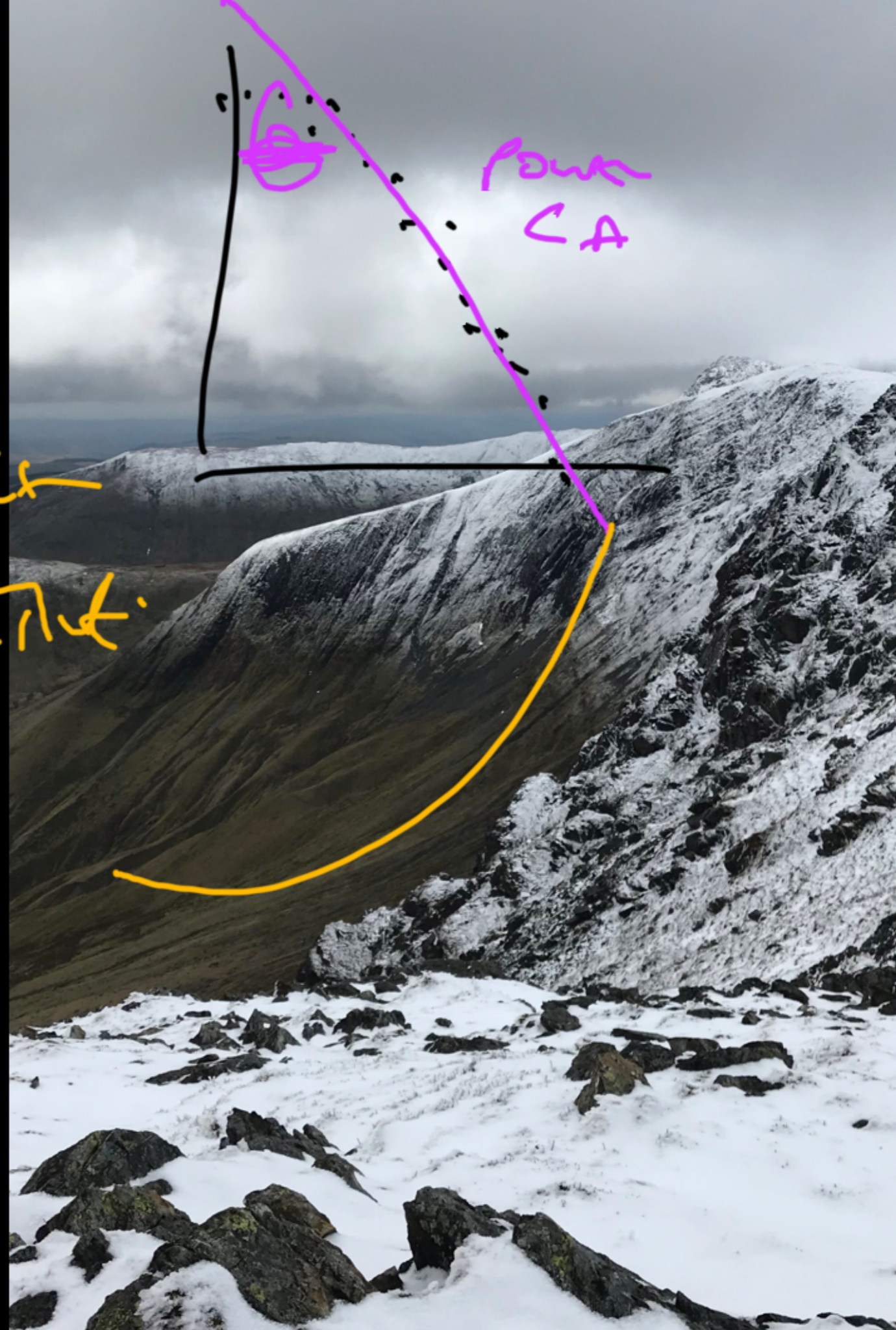
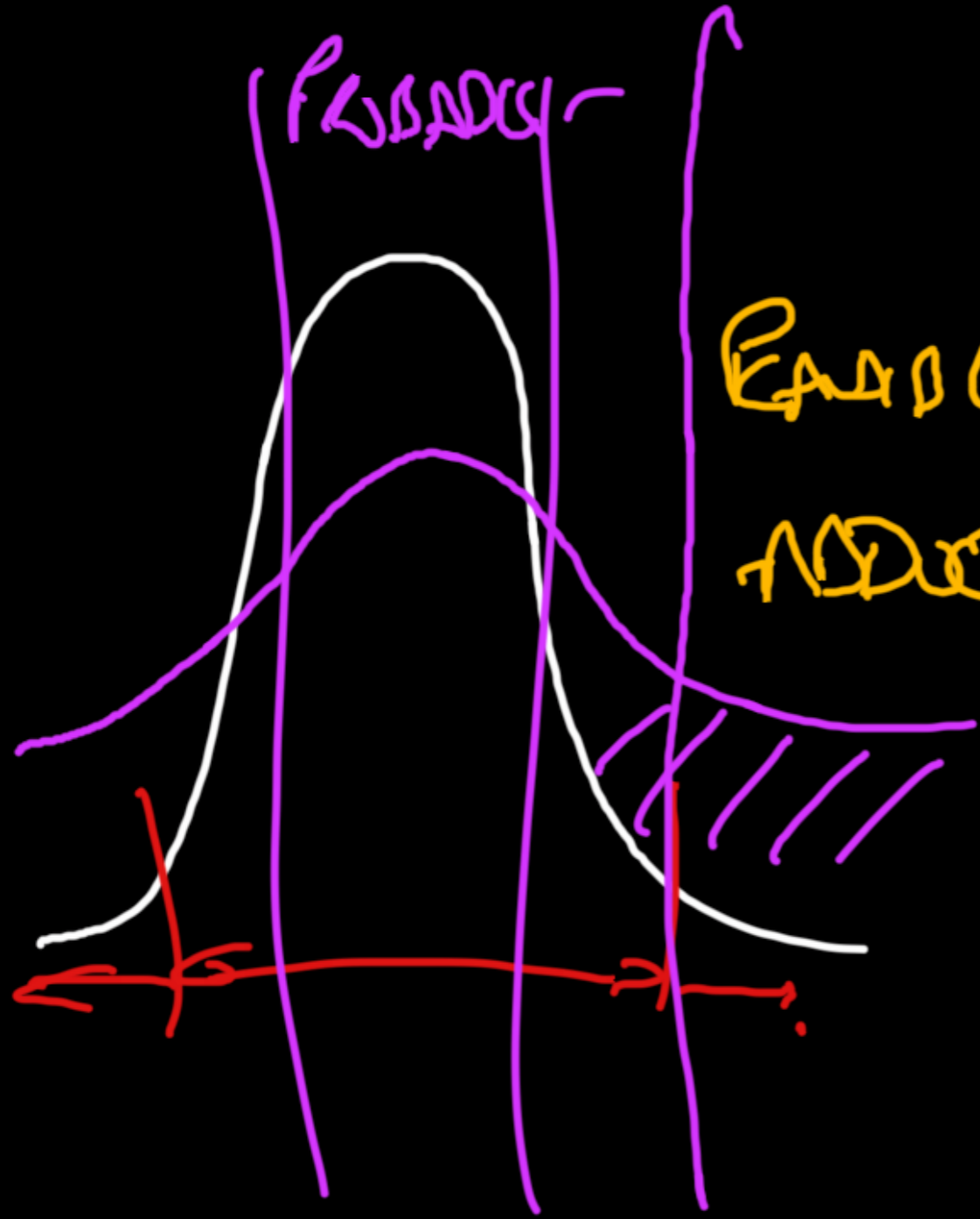
COMPLEX, ADAPTIVE



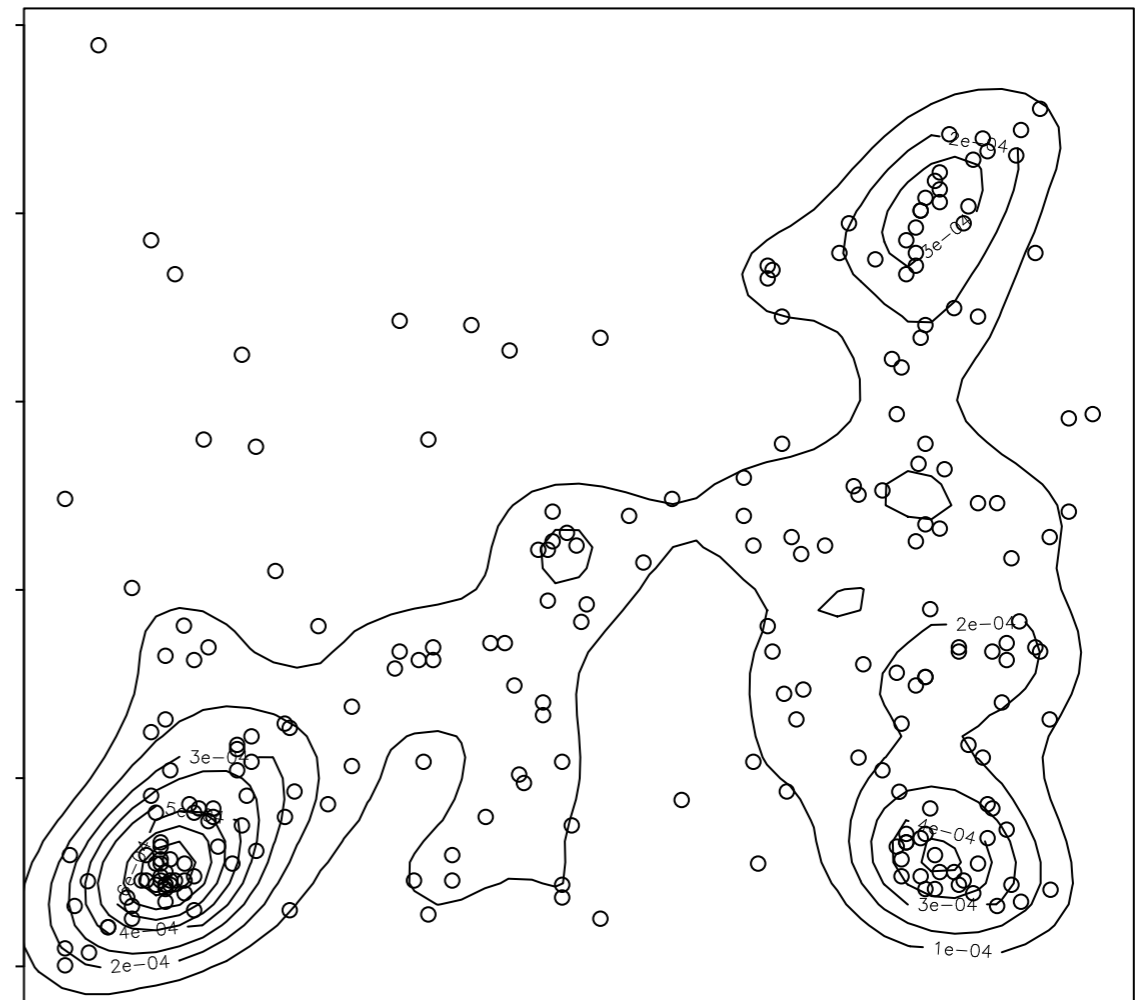
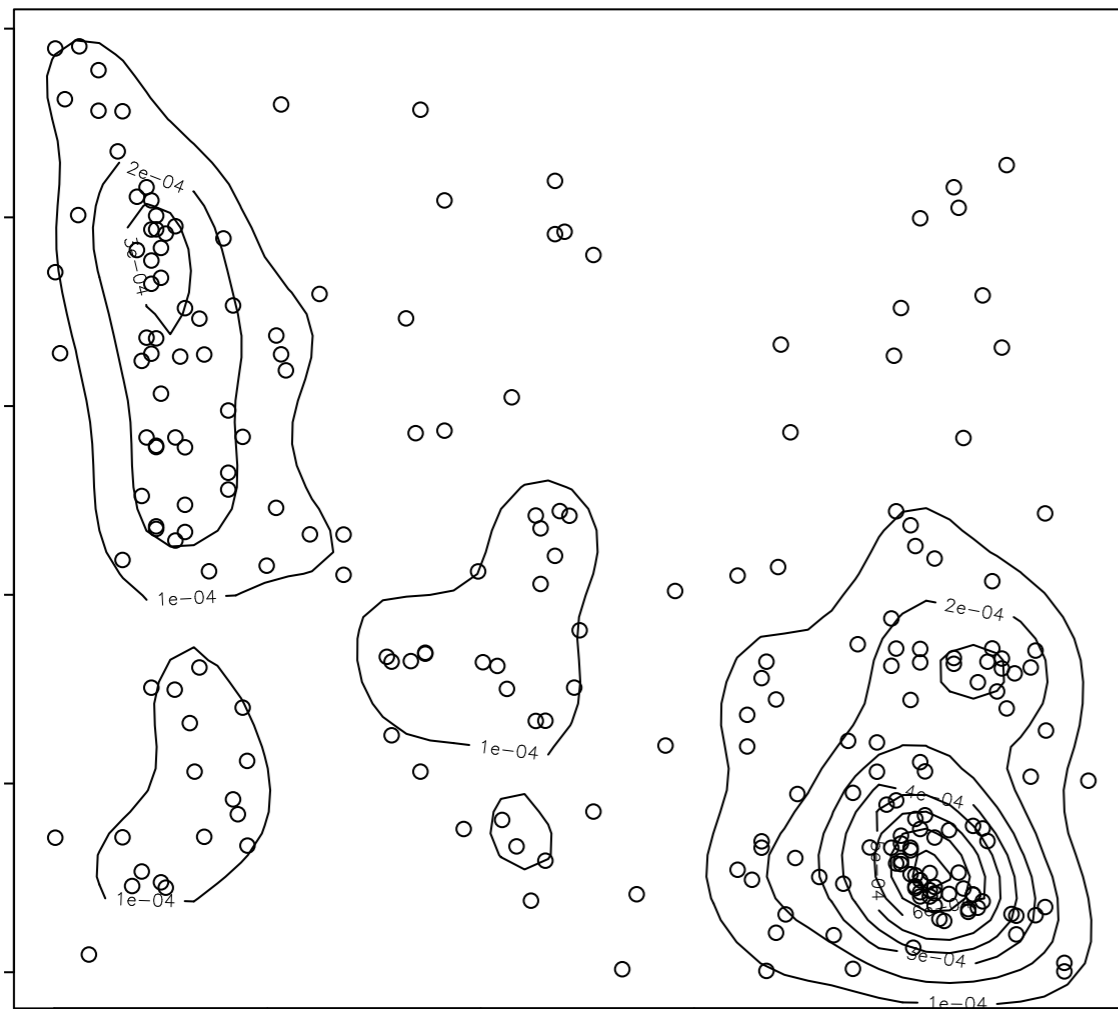
THE ONLY INEVITABILITY
UNINTENDED
CONSEQUENCES



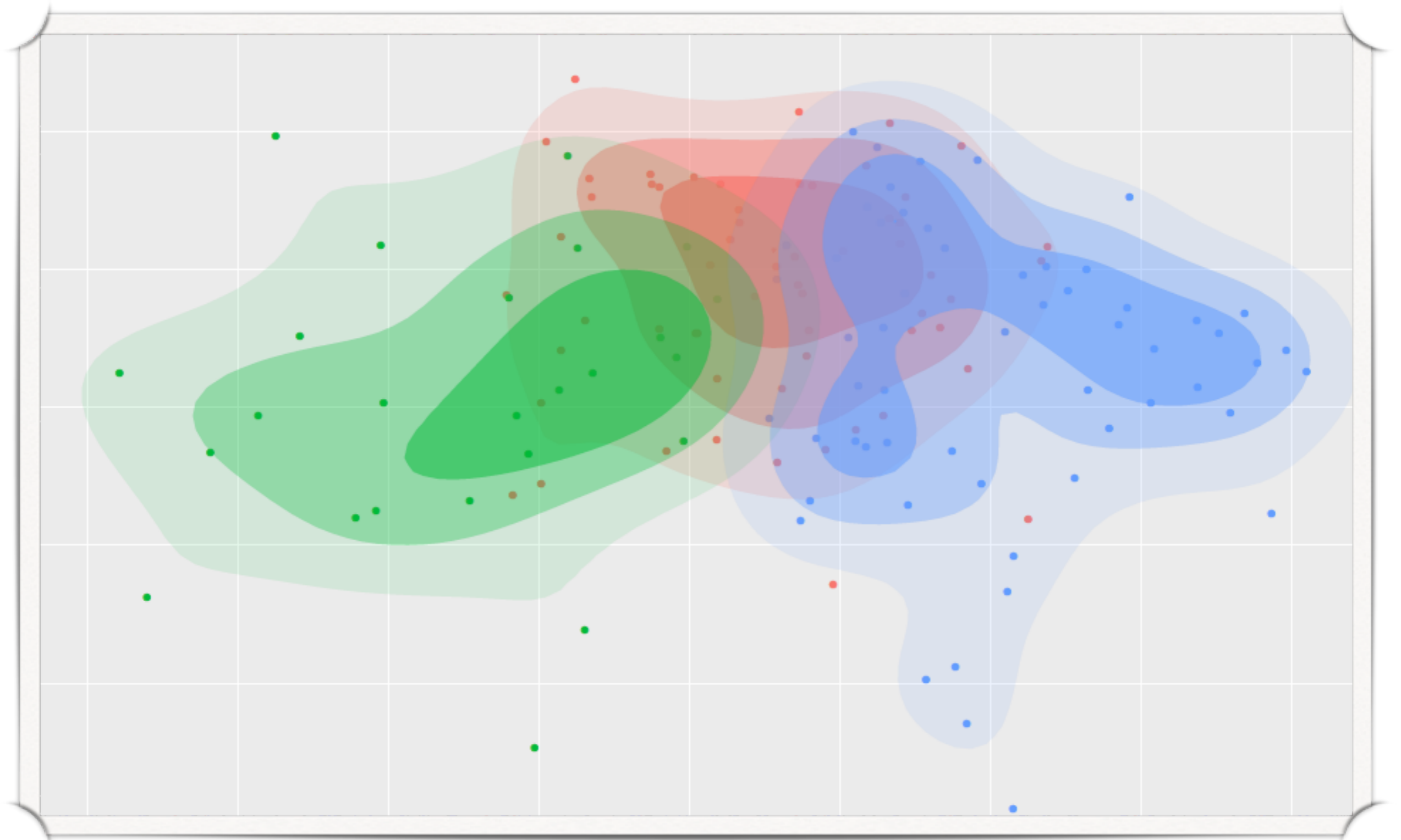
NORMAL? POSSIBLE -



MAPPING DISPOSITIONS & 'NUDGE' THEORY



DIVERSITY OF PERSPECTIVE, WORKING WITH CHAOS





AVOIDANCE OF FAILURE IS A MORE
SUCCESSFUL EVOLUTIONARY STRATEGY
THAN IMITATION OF SUCCESS

CREATING WORST PRACTICE SYSTEMS

“Nothing pleases people more than to go on thinking what they have always thought, and at the same time imagine that they are thinking something new and daring: it combines the advantage of security and the delight of adventure.”

-T S ELIOT