

Evaluation for Humans

Why Behaviour Matters



Getting the neurons firing





Take a moment to write down the words you remember



Did you remember...?



Wake

Blanket

Nap

Sleep

No sleep here



Bed	Wake	Snore
Rest	Snooze	Nap
Awake	Blanket	Peace
Tired	Doze	Yawn
Dream	Slumber	Drowsy



If you put your hand up, you're in good company

40 – 55% of people falsely recall "sleep"

Source: Roediger, H. & McDermott, K., (1995), 'Creating False Memories: Remembering Words Not Presented in Lists', *Journal of Experimental Psychology: Learning, Memory, and Cognition*, Vol. 21, No. 4, pp. 803-814.

Human cognition: a tale of two systems





Daniel Kahneman, Nobel Laureate

System 2: Slow

Reflective deliberate, analytic 24x17 Learning to drive



System one's rules of thumb



Take the path of least resistance

Follow the crowd whenever possible

Pay more attention to things that seem unusual

Worry about tomorrow's problems tomorrow

Trust people who are likeable

Why We Exist: Closing the Gaps







The way we see, judge, and recall things often depends on context

Why We Exist: Closing the Gaps





Intention: Action Gaps





Why We Exist: Closing the Gaps





Making the Healthy Choice





Why does this stuff matter?



Around 2/3 school districts in the US use fake babies to deter teen pregnancy



Robot babies cause teen pregnancy!



So how do we think about behaviour?







The power of defaults: an energy experiment in Germany



Enrollment two months after switching option given 94.0% 4.3% 0.7% 1% Default: Green and **Changed supplier** Greener but more Cheaper and less Mid-Priced expensive green

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Pichert, D., & Katsikopoulos, K. V. (2008). Green defaults: Information presentation and pro-environmental behaviour. *Journal of Environmental Psychology*, *28*(1), 63-73.





What makes people choose the veggie option?



Which Would People Rather Eat?



Meat Free Breakfast

2 eggs, meat free sausage, mushroom, hash brown, fresh tomato, baked beans and a slíce of toast

Field-Grown Breakfast

2 eggs, meat free sausage, mushroom, hash brown, fresh tomato, baked beans and a slíce of toast

People prefer "field grown"



6.8%

Meat-Free Breakfast

Field-Grown Breakfast

13.1%





What motivates businesses to file their taxes online?



"I care a lot about the environment..."



Go green!

Don't waste time and energy

The majority of businesses have an online account







What's the best moment to prompt habit change?



New movers almost 4X as likely to take up vs those with a new dock nearby





New Movers

1.1%

So how do we think about behaviour?



Thank you



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