A Broad Types of Rule-making Environments

Machines, systems, societies, and even kitchens need rules to run well. Written or not, how rules are made impacts our work logic (**B**) at every level for better or worse.

A1 No Law: *brute force wins*, yet all lose; even the strong, since A1 is so inefficient!

A2 Bad Law: better than none (often, as it reflects good law; else like no law or worse)

A3 Ideal Law: is the fastest way to predict good decisions (e.g. pick a side of the road for driving); but Aristotle proved: law cannot cover all cases; so filling the gap needs …

A4 EpiEYEkeia::= *gentle kind reasonable equity justice*; it adds posterior likelihood ideas from stats to learning each situation before deciding with Aristotle's epieikeia

T Titanic

Example: *Assumed Inequality*

Titanic is unsinkable

↓ Rush

the best engineers thought of everything! ↓ Rush

↓

icebergs are no worry …but prestige is! ↓ Rush

↓

…trouble free for 40yrs & unsinkable presumed Let's race … *presumed* win

↓

…as unsinkable: fewer lifeboats more speed Rush adds Trap

↓

Dataggedon: 6 ice-alerts misplaced @<1d

↓

7 sec scratch by iceberg @-160min

↓

Logic bug unravels Captain frozen in shock, not all lifeboats filled

↓

Well-known parable of our time. Timely alert FOR US !!

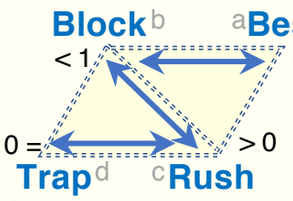
Titanic sank!

L 1 Landscape for 1 cascade level

has 4 states of mind = diverse mental places for building approaches to decision-making that map across levels through related concepts. Arrows link states with differences in survival:

Fear is stuck in pits too many details to test *not yet house, but on a rock*

Edge takes courage learning balancing *usable house built on a rock*



Fake fails eventually speed over safety seems OK, until it's not. *house on sand, unreliable*

Defy runs in ruts refusal to learn *a walk in sand*

D How Visions can control Viruses:

A few-fold change in rates of Shed⇩, Decay⇧, Catch⇩ events can shrink virus-transmission enough to end the pandemic – without any vaccines – but **only if we** work clever together as in the work logic cascade **B**.

It is in our hands (literally):
to choose truth, hope & life,
to reject lies, despair & death,
to change hearts, minds & hands.

If we do not repair the breaches to to defend the equal dignity of each life, our society's **Titanic will sink**,

healthcare head on … due to systemic bias ⇛ in the cascading work logic inequality ⇛

B Work Logic Cascade: how logic is like the 'DNA of work ethic' that decides which work is worth considering for doing

Different broad types of rule-making environments impact mental approaches in Work-Logic Cascades

B9	**Equality**	Equality must be defined consistently and precisely in contradiction-free logics	H1	House Materials
B8	**Logic**	Logics define what is worth caring about – as tuned by questions about equality	H2	Foundation Ground
B7	**Care**	Care defines logical goals in the hope to achieve them	H3	
B6	**Hope**	Hope is the courage to go on despite risky uncertainty	H4	Floors
B5	**Trust**	Trust grows when research is free to test *x* or try to use *x*	H5	Walls
B4	**Info**	Knowledge-uncertainty info is useless without trust	H6	Interior Design
B3	**Tech**	Tech tools depend on info for building & using them	H7	Furniture
B2	**Life**	Life is info-based growth committed to defined limits	H8	People
B1	**Base**	Physics, chemistry, space, … enable & limit all above	H9	History Home Analogy

C Signal power = how often a logic … is used

Assumptions at the top trigger avalanches as …→

← … messages multiply by being applied on their way from top logic down to tangible realms

wide interdisciplinary diversity-encouraging research infrastructure for common good **virus-defenses** is *sleeping …* or *… working*

min max

nearly 50% of healthcare support workers are minorities at higher risk

E Skills that protect E1-E3

min 0.000.01 … 1 … 100,000 max

Our respiratory tracts as invaded by viruses

Less **Our Virus-Defense Skills** can stop the virus if our hands & feet are moved by changed hearts & minds (B5-B9) More

Shed E1

Catch E3

/ Frac

* Mult

Decay E2

Virus pool: virus must pass through the environment to infect