Recap of last week:
-Shared intentionality / Shared models of the world. -Sociality as alignment and defined by type of informational exchang
-Mutual alignment / bidirectional reciprocity Taxonomy of interaction types.
Continuum, Se slike/model i telest fra Kg3. Bayesian framework -a school/way of thinking -Prediction + empiri + New prediction > New empiri -Predictive coding framework

Priors = Information we already have

-Evidence = Ny / frentiding information

Wisdom of crowds

Wisdom of Crowds (WOC)
Can we benifit from WoC?
Under what circumstances? Galton (1822-1911) The Average of all guesses was better than the single best guess Woc blev populært med bogen of Samme navn af Suroxiecki (2004) Signal averaging:
Pooling information = normalt udregnet
gennemsnit. Individuelle fejl udligner Se slide 11 for modeller over biased v. unbiased Sampling Majority rule is most fair but the result is highly influenced by each participant's reliability

Solution: weighted majority rule

= Stemmer vogtes ift. en

"reliability marker". Eg.: Status, Confidence, Competence Seniority, ranh,... The role of language:

X - Can be used to recalibrate

<u>reliability markers</u>. Eg. by listening

to their arguments. Calibration = how precisely the reliability marker matches a participant's competence/chance of being right. "Recalibration can reduce the probability of undue weight" Slide 14

People tend to listen more to other people who are 'well-argued'"
Problems can arise in defining what a good arguments are

En dishussion om et enne i en gruppe han have en 'spill-over'effeht og forbedre individuelle
overrejelser efterfølgende.

Key premise of WoC is that peoples guesses are independent

The dark Side of group-decision-Making Group-thinh = we thinh as one => less independence & more conformity. Birds of a feather flock together We can have same past experiences
or we can search for evidence
the same places => less independence The more we interact with other people the more similar we - We want to fit in.
- We overestimate other's knowledge and underestimate our own. Solomon Asch - Line experiment. THO% of time, Participant Conforms to

Strategic Copying Can be a good way to learn, if used selectively. Shared information bias: Too much focus on information that EVERYONE knows instead of better information known by a minority of participants. Group polarization: Too much attention to the initial and above what individuals might have guessed.

Løsninger: Diversity (D) Slide ca. 23 -Identity D -functional D God løsning, men hvor meget? For meget eller for lidt er dårligt Nemmere at vægte 'seliability' hos mennesher der minder om en selv. Derfor kan Stor 'diversity' give usihre 'reliability' voytninger. Implicit shortcuts = Hidden biases Limits to D High complexity Lower levels of comfort Biases are good most of the time, because they reduce complexity.

Biases can be changed, if they are pointed out I made explicit. Se Slides 35 ff. for gennemgang af telist til i dag