

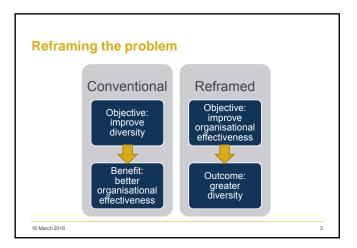
Cognitive diversity Jeremy Spira Willis Towers Watson



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The case for and against greater diversity

For	Against
 Social and moral: Under-representation at senior / board level Inequality of pay Bias 	 Social and moral: Discrimination issues
 Economic: Bigger talent pool Stronger culture? Improved performance 	 Economic: Reduced individual motivation Reduced cohesion Slower decision making Dilution of corporate values? Doesn't improve performance
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Collective intelligence

- The ability of a group to consistently perform well across a wide array of tasks.
- Groups, like individuals, have characteristic levels of intelligence, which can be used to predict the groups' performance on future tasks.

Source: Woolley, Chabris, Pentland, Hashmi & Malone, Science, 2010

Explanatory variables for team performance

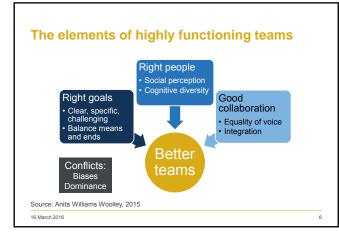
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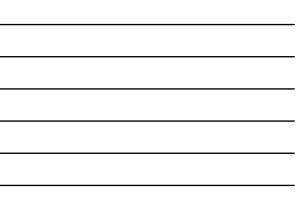
- Not:
 - Maximum intelligence of group members (weak predictor)
 - Average intelligence of group members (weak predictor)
 - Group satisfaction
 - Team motivation

• But:

- Turn-taking / democracy of voice
- Social sensitivity
- Number of women in team

Source: Woolley, Chabris, Pentland, Hashmi & Malone, Science, 2010





Cave diversitatem

- Applying diversity
 - Process-focused teams: cohesion, standardisation critical
 - Outcomes-focused teams: insight, innovation critical
- · What type of diversity?
 - Surface-level diversity: observable factors that lead to the formation of social categories
 - Deep-level diversity: differences in perspectives, opinions, information, and values
 - Cognitive styles: object-dominant, verbal dominant, spatial dominant

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Conclusions

- There is a level of intelligence that resides within groups the c-factor
- · Cognitive diversity can enhance collective intelligence if managed carefully
- Conditions for CI to develop:
 - Right mix of people
 - Clear and appropriate goals
 - Active integration of team members

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