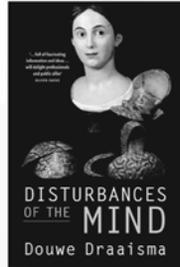


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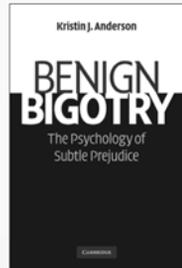
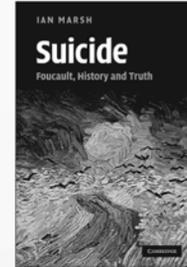
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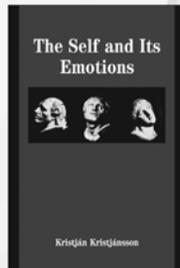


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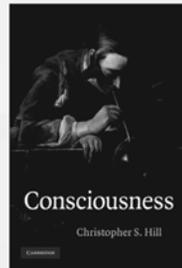
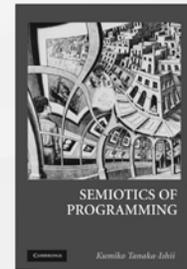
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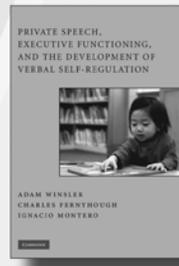
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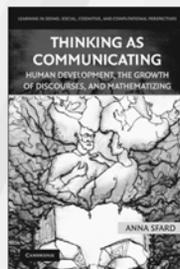
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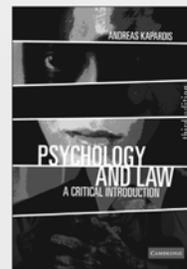
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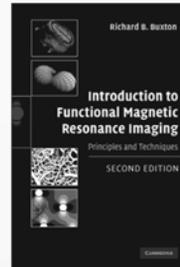
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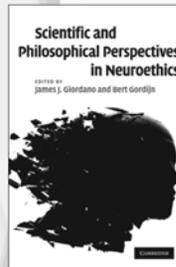
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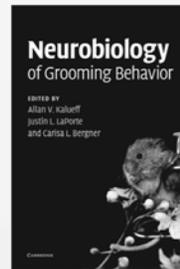
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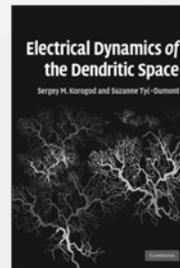
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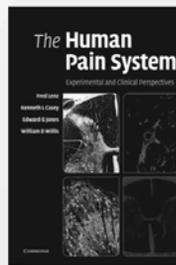
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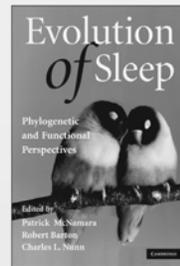


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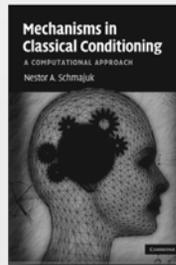
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The weirdest people in the world?

Joseph Henrich, Steven J. Heine, and Ara Norenzayan, *University of British Columbia*

Broad claims about human psychology and behavior based on narrow samples from Western, Educated, Industrialized, Rich, and Democratic (WEIRD) societies are regularly published in leading journals. Are such species-generalizing claims justified? This review suggests not only that substantial variability in experimental results emerges across populations in basic domains, but also that WEIRD subjects are in fact rather unusual compared with the rest of the species – frequent outliers. The domains reviewed include visual perception, fairness, categorization, spatial cognition, memory, moral reasoning, and self-concepts. This review (1) indicates caution in addressing questions of *human* nature based on this thin slice of humanity and (2) suggests that understanding human psychology will require tapping broader subject pools. We close by proposing ways to address these challenges.

With commentary from R Astuti & M Bloch; N Baumard & D Sperber; WM Bennis & DL Medin; C Boesch; SJ Ceci, DM Kahan & D Braman; JY Chiao & BK Cheon; D Danks & D Rose; A Fernald; DMT Fessler; S Gächter; L Gaertner, C Sedikides, H Cai & JD Brown; SD Gosling JS Carson, OP John & J Potter; LB Karasik, KE Adolph, CS Tamis-LeMonda & MH Bornstein; S Kesebir, S Oishi & BA Spellman; SS Khemlani, NYL Lee & M Bucciarelli; VJ Konečni; DF Lancy; DA Leavens, KA Bard & WD Hopkins; E Machery; A Majid & SC Levinson; A Maryanski; M Meadon & D Spurrett; K Panchanathan, WE Frankenhuis & HC Barrett; TS Rai & A Fiske; P Rochat; P Rozin; RA Shweder; S Stich

Précis of *Doing without Concepts*

Edouard Machery, *University of Pittsburgh*

Although cognitive scientists have learned a lot about concepts, their findings have yet to be organized in a coherent theoretical framework. In addition, after 20 years of controversy, there is little sign that philosophers and psychologists are converging toward an agreement about the very nature of concepts. *Doing without Concepts* (Machery 2009) attempts to remedy this state of affairs. In this article, I review the main points and arguments developed at greater length in *Doing without Concepts*.

With commentary from T Blanchard; JJ Couchman, J Boomer, MVC Coutinho & JD Smith; D Danks; G Dove; K Edwards; C Gonnerman & JM Weinberg; JA Hampton; S Harnad; BK Hayes & L Kearney; AJ Jacobson; F Keil; SS Khemlani & G Goodwin; E Lalumera; T Lombrozo; E Margolis & S Laurence; AB Markman; G Rey; R Samuels & M Ferreira; A Scarantino; S Schneider; N Strohminger & BW Moore; J Virel & G Piccinini; HA Vlach, L Krogh, EE Thom & CM Sandhofer; DA Weiskopf; Y Yermolayeva & DH Rakison; S Zaki & J Cruz

Comorbidity: A network perspective

Angélique O. J. Cramer, Lourens J. Waldorp, Han L. J. van der Maas, and Denny Borsboom, *University of Amsterdam*

Comorbidity is commonly conceptualized in terms of a (bi)directional relationship between latent variables (i.e., disorders) that underlie a set of symptoms. We argue that such a *latent variable* perspective encounters serious problems in the study of comorbidity and offer a radically different conceptualization in terms of a *network approach*, where comorbidity is hypothesized to arise from direct relations between symptoms of multiple disorders. We propose a method to visualize comorbidity networks and, based on an empirical network for major depression and generalized anxiety, we argue that this approach generates realistic hypotheses about pathways to comorbidity, overlapping symptoms, and diagnostic boundaries.

With commentary from C Belzung, EB de Villemeur, M Lemoine & V Camus; RF Bornstein; D Cervone; D Danks, S Fancsali, C Glymour & R Scheines; OSP Davis & R Plomin; W Fleeson, M Furr & EM Arnold; BD Haig & FM Vertue; N Haslam; SB Hood & BJ Lovett; SM Humphry & JA McGrane; ME Hyland; W Johnson & L Penke; RF Krueger, CG DeYoung & KE Markon; KA Markus; DJ McFarland & LS Malta; PCM Molenaar; D Ross; A Rothenberger, T Banaschewski, A Becker & V Roessner; O Rubinsten & A Henik; A Staniloiu & HJ Markowitsch; D Tzur-Bitan, N Meiran & G Shahar; PLC van Geert & HW Steenbeek; S van der Sluis, KJ Kan & CV Dolan; S Wass & A Karmiloff-Smith; J Yordanova, V Kolev, R Kirov & A Rothenberger; P Zachar

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