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Symptom network models in depression research

van Borkulo, Claudia Debora

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Propositions

Accompanying the PhD thesis

Symptom network models in depression research

From methodological exploration to clinical application

Claudia D. van Borkulo, 17 January 2018

1. Network analysis should not be limited to intra-individual data.
2. To study potential causal relationships, cross-sectional designs are indispensable.
3. To reveal the dynamic nature of depression, future studies should focus on tracking symptoms daily for at least one year.
4. The observation that patients with persistent depression have a more strongly connected network (compared to those with remitted depression), seems to be robust.
5. Eyeballing is not enough; a tool to test for differences between networks is necessary to investigate differences between groups.
6. Future studies should investigate effectiveness of therapy informed by networks.

Stellingen

Behorende bij het proefschrift

Symptom network models in depression research

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Claudia D. van Borkulo, 17 januari 2018

1. Netwerkanalyse zou niet moeten worden beperkt tot intra-individuele data.
2. Om potentiële causale relaties te onderzoeken, zijn cross-sectionele designs onmisbaar.
3. Om de dynamische aard van depressie te onderzoeken, zou toekomstig onderzoek zich moeten focussen op het dagelijks meten van symptomen voor minstens een jaar.
4. De bevinding dat patiënten met een persisterende depressie een sterker verbonden netwerk hebben (vergeleken met degenen die zijn opgeknapt), lijkt een robuust fenomeen.
5. Staren is niet genoeg; een instrument om verschillen tussen netwerken te toetsen is noodzakelijk om verschillen tussen groepen te onderzoeken.
6. De effectiviteit van door netwerk-geïnformeerde therapie zou in toekomstig onderzoek bekeken moeten worden.