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The structure of psychopathology: An evolutionary approach



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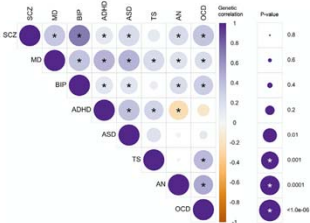


What is the structure of psychopathology?



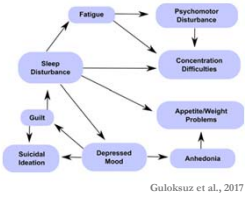
DSM taxonomy:

- groupings and distinctions are often **arbitrary**
- many diagnostic categories are **highly heterogeneous**
- lacks account of **large-scale comorbidity patterns**

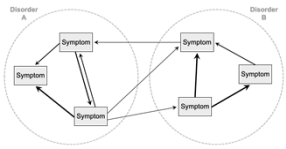
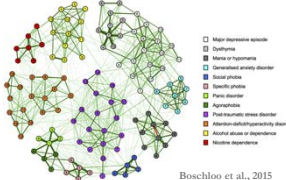


Lee et al., 2019

Network models

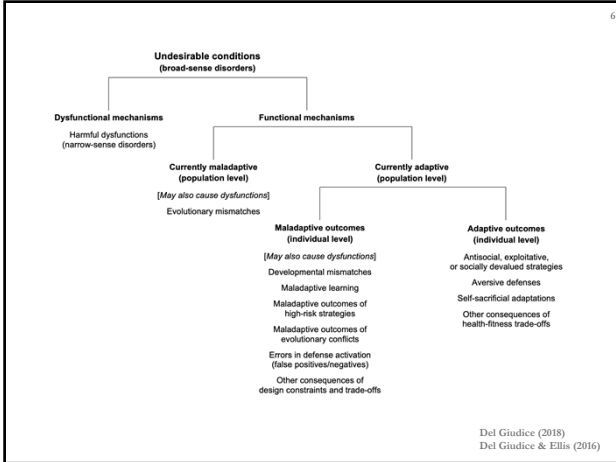


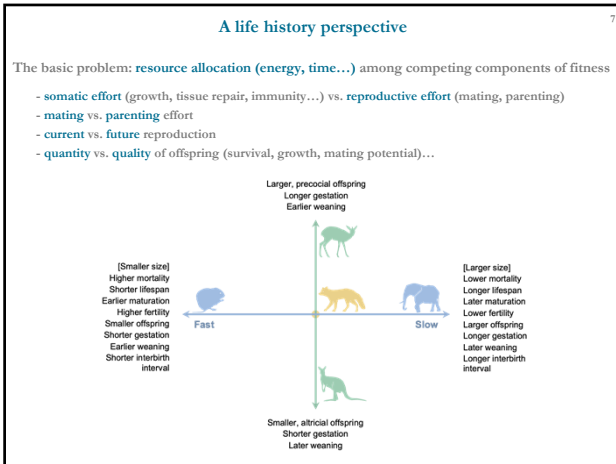
Guloksuz et al., 2017

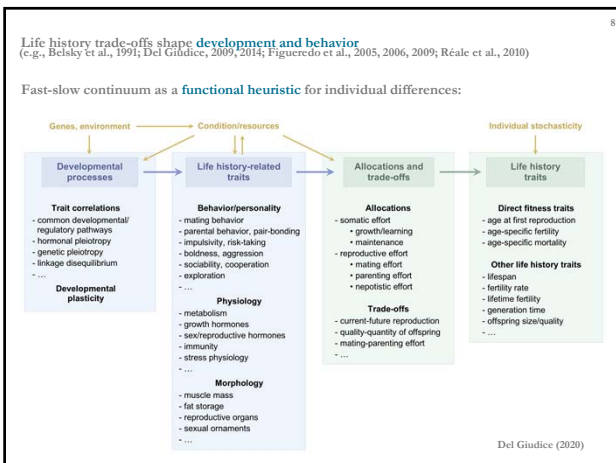



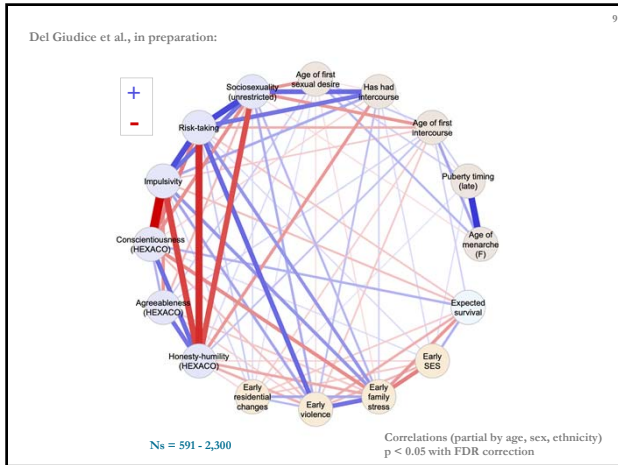
Boschloo et al., 2015

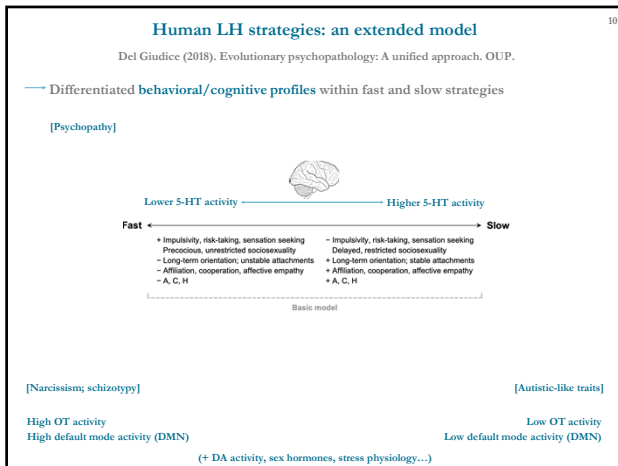
- **methodological difficulties** (replication, stability, strong [unrealistic] assumptions...)
- **weak rationale** for "pure" symptom networks (compare with other disorders, e.g., diabetes)
- large-scale patterns: not terribly different from DSM structure...



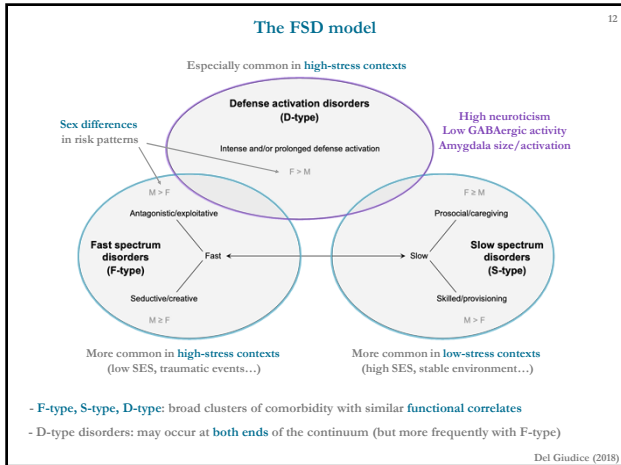


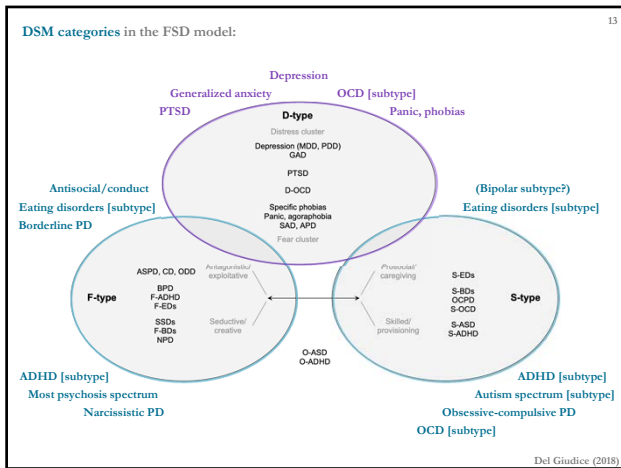


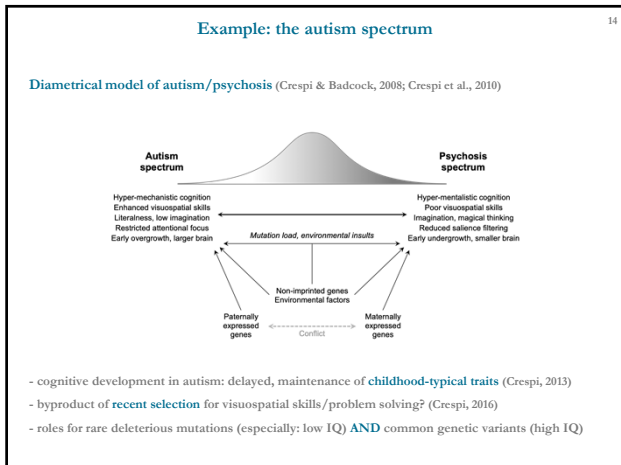


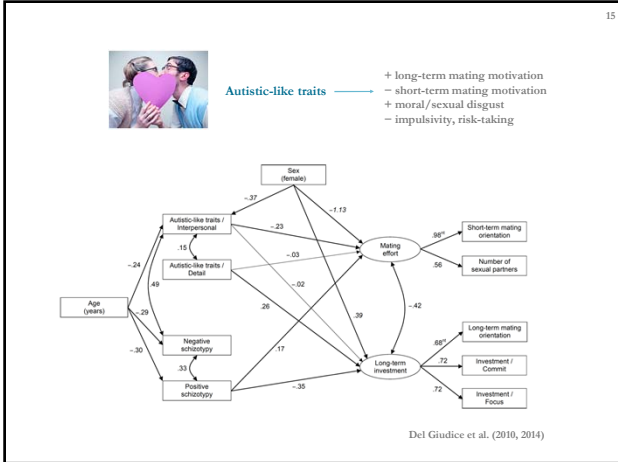


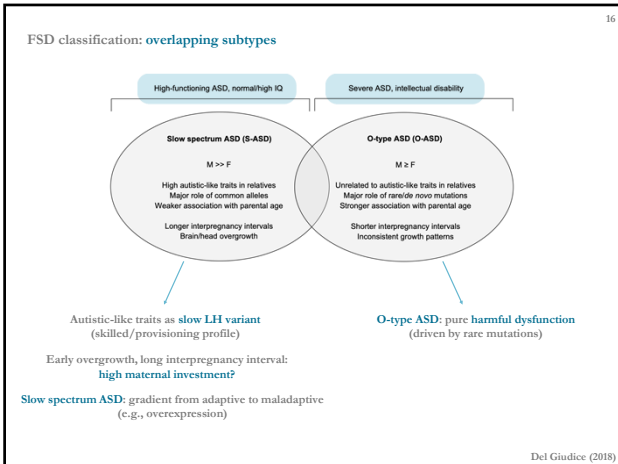


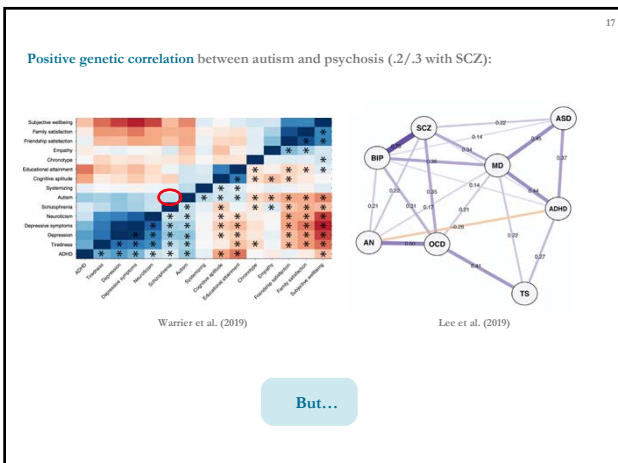


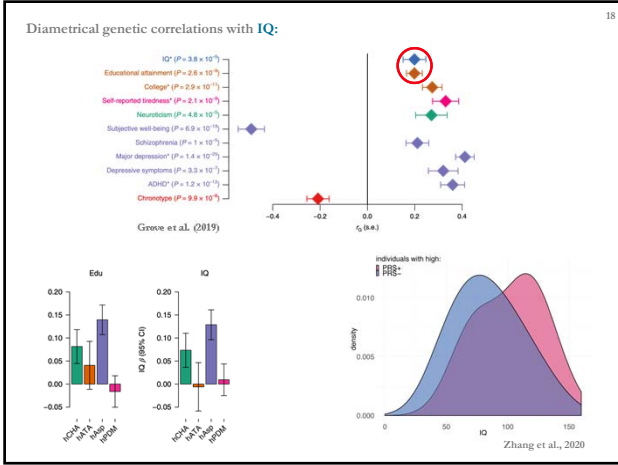


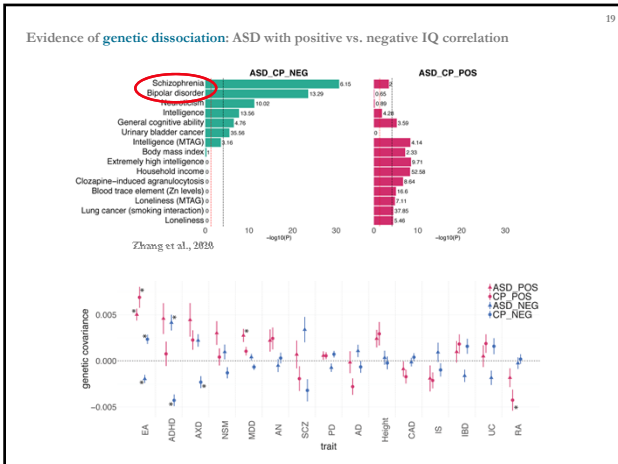


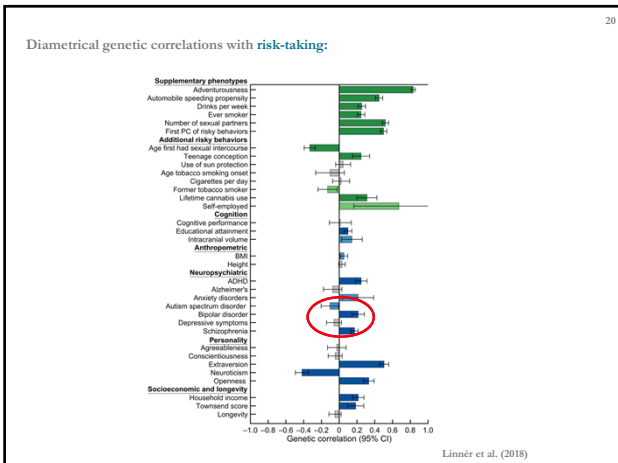


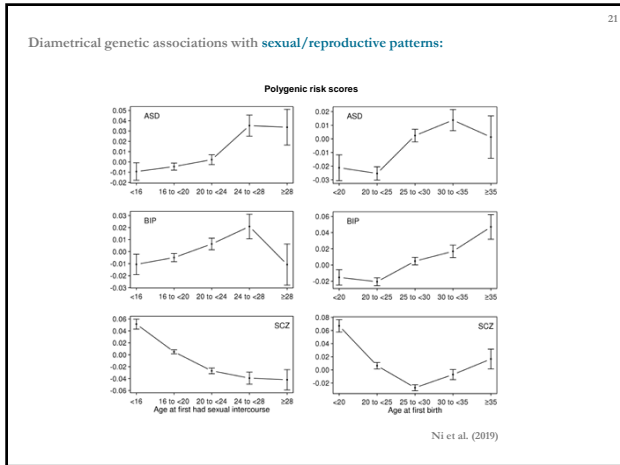


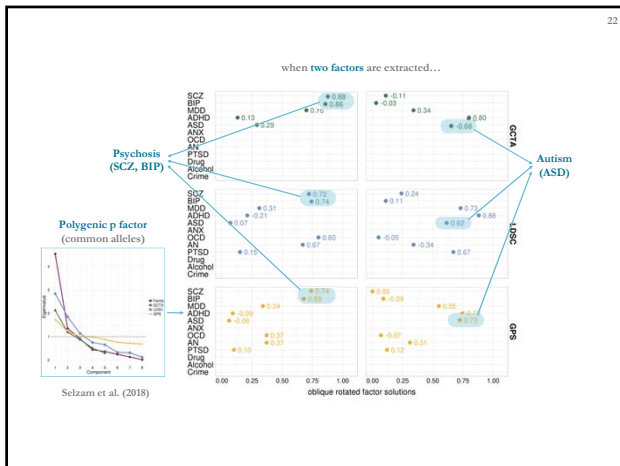


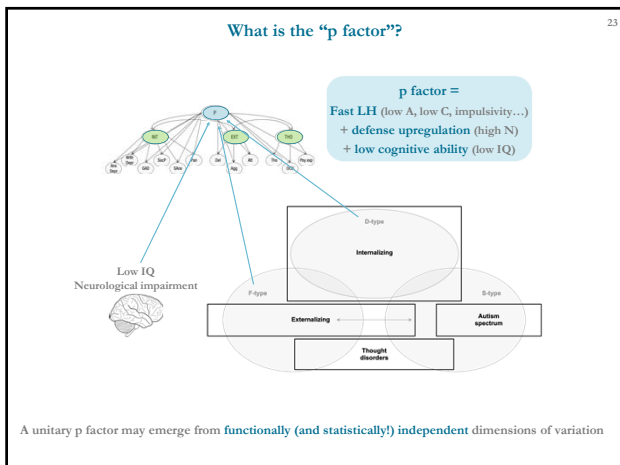


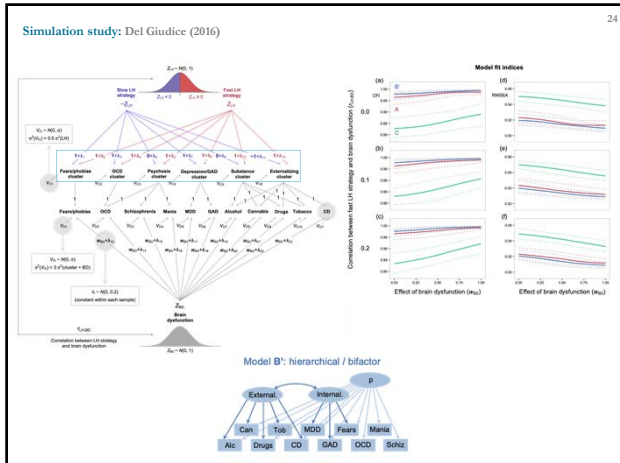












In conclusion... 25

The life history framework provides the foundation for an **alternative classification system**

The FSD model successfully reproduces the **large-scale structure** of mental disorders

Potential for deeper integration with **behavior genetics, individual differences, computational models**

Many implications for **epidemiology and developmental psychopathology**

THANK YOU!

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