

# Familial Resemblance for Borderline Personality Disorder Features: **Genetic or Cultural Transmission?**



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### \*Aim

The current study investigates the genetic and Data were available for 5017 BPD features environmental influences on individual differences in twins, 1266 siblings, 939 spouses measured BPD features using an extended twin-family design and 3064 parents registered with Personality Assessment which allows for testing of additive and non-additive the Netherlands Twin Register Inventory-Borderline genetic effects, individual specific environmental and the East Flanders Prospective Features scale (Morey, influence, assortment and cultural transmission.

## **Participants**

Twin Survey.

\*Results

#### **♦**Measure

by 1991).

# \*Analysis

were Genetic modelling of the data was based on a reparametrization of the Phillips and Fulker model (1989) of mixed genetic and cultural transmission by Neale et al. (1994) and was carried out in MX (Neale, 2003).

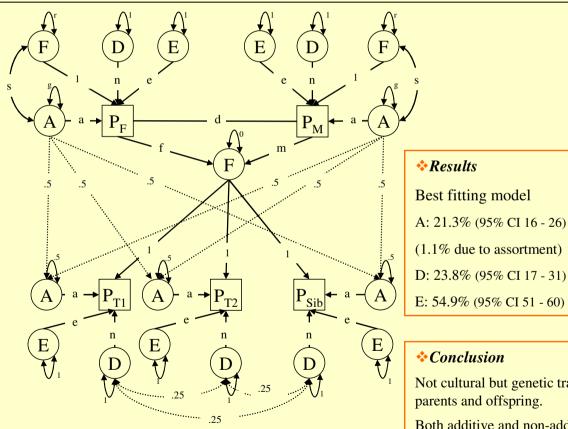


Fig 1. Family resemblance model for twins, siblings and parents. Note: D and F cannot be estimated simultaneously.

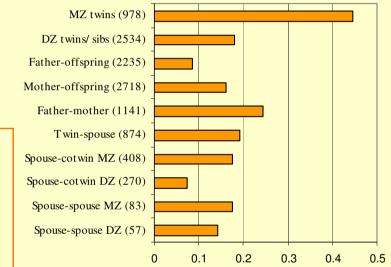


Fig 2. Correlations between family members of different degree of relatedness (number of pairs).

# **\***Conclusion

E: 54.9% (95% CI 51 - 60)

Not cultural but genetic transmission explains the resemblance for BPD features between parents and offspring.

Both additive and non-additive genetic effects influence individual differences in BPD features.