

SOC Sociability

ANX Anxiety

OPN Openness

ALT SOC Friendliness

ANX CNF Neuroticism

ACT Activity

CNF Confidence

CON Conscientiousness

SOC ACT Extraversion

OPN CON Intellect

ALT Altruism

DOM Dominance

ALT DOM Agreeableness

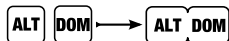
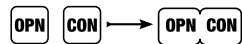
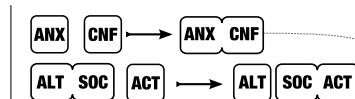
Evolutionary patterns of personality dimensions

Anxiety and Confidence blend to form Neuroticism. Sociability combines with Activity to form Extraversion. Occurs either before or after the great ape-gibbon split.

Openness combines with Conscientiousness or its antecedents to establish Intellect in the ancestors of orangutans.

Conscientiousness formed from items that loaded on Neuroticism and Dominance. When this dimension originated can be resolved with data on gorillas.

Humans lose the separate Dominance dimension, as it combines with Altruism to form human Agreeableness. Some additional items related to assertiveness and submissiveness load on Extraversion and Neuroticism, respectively.



Ancestral condition

Assume that the outgroup (represented by rhesus macaques) exhibits the personality structure of the common ancestor of catarrhines.

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mya

Extant personality structures

Sociality and activity level

Cooperativeness

Stability and vigilance

Exploration and goal pursuit

