

CLAIM 01 | MYTH OR SOUND CLAIM?

OCEAN gives five personality types.

Name the proof you would need before turning the card

CLAIM 02 | MYTH OR SOUND CLAIM?

A high score is always better.

Name the proof you would need before turning the card

CLAIM 03 | MYTH OR SOUND CLAIM?

Factor analysis proves five biological causes.

Name the proof you would need before turning the card

CLAIM 04 | MYTH OR SOUND CLAIM?

Every Big Five test measures the same thing.

Name the proof you would need before turning the card

CLAIM 05 | MYTH OR SOUND CLAIM?

A teacher can spot a learner's profile in class.

Name the proof you would need before turning the card

CLAIM 06 | MYTH OR SOUND CLAIM?

Conscientiousness is the same as metacognition.

Name the proof you would need before turning the card

CHECK 02 | BOUNDARY

Each end can help or hinder in a given setting. Direct challenge can test a weak idea; routine can aid depth. Context changes what helps.

Continua and context

Do not use this card to label, score or predict a learner

CHECK 01 | EVIDENCE

All five traits are scales. Each person can have a score on each scale. A high or low score is not a type, strength or weakness.

Big Five definition

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CHECK 04 | MEASURE

Tests differ in items, facets, norms and purpose. A score only makes sense in light of the named test and the group for which it was checked.

Soto and John, 2017

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CHECK 03 | METHOD

Factor analysis finds items that vary together. A shared pattern does not by itself reveal a brain part, cause or fixed essence.

Goldberg, 1993

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CHECK 06 | DISTINCTION

A trait sums up broad patterns. Metacognition is what learners know and do to plan, track and check thought in a task. Claims cannot move from one to the other.

Construct boundary

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CHECK 05 | SCHOOL

One act can have many causes. Record the setting, task, access and response. A teacher view or blog quiz is not a sound trait assessment.

Shiner et al., 2021

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CLAIM 07 | MYTH OR SOUND CLAIM?

Conscientiousness beats intelligence.

Name the proof you would need before turning the card

CLAIM 08 | MYTH OR SOUND CLAIM?

A group correlation predicts one learner.

Name the proof you would need before turning the card

CLAIM 09 | MYTH OR SOUND CLAIM?

Personality is fixed in childhood.

Name the proof you would need before turning the card

CLAIM 10 | MYTH OR SOUND CLAIM?

One English test works in every culture.

Name the proof you would need before turning the card

CLAIM 11 | MYTH OR SOUND CLAIM?

Neuroticism is a mental-health diagnosis.

Name the proof you would need before turning the card

CLAIM 12 | MYTH OR SOUND CLAIM?

Trait scores should decide teaching groups.

Name the proof you would need before turning the card

CHECK 08 | INFERENCE

A group link does not identify a cause for one person. It also does not prove that changing a trait will change their grade.

Group-to-person boundary

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CHECK 07 | EVIDENCE

In one large review, IQ made up 64% of the explained share and traits 36%. Conscientiousness led the trait share. Most variance was still not explained.

Mammadov, 2022

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CHECK 10 | CULTURE

Language, schooling, response style and local trait ideas can alter scores. Cross-cultural reach does not guarantee equal meaning or fair comparison.

Laaaj et al., 2019

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CHECK 09 | GROWTH

Traits show both rank-order stability and mean-level change. Behaviour also shifts across settings. A current score or one event is not destiny.

Bleidorn et al., 2022; Fleeson, 2001

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CHECK 12 | ACTION

The evidence does not back trait-matched teaching. Check prior knowledge, task demand, access, learner voice and response to a low-risk change.

Provision rule

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CHECK 11 | SAFEGUARD

Neuroticism is an old trait label for sensitivity to stress and hard feelings. It does not diagnose a condition. Distress needs support in context.

Clinical boundary

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