InBrain Beamer Template – v 1.0

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December 4, 2019

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INBRAIN

Intelligence

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"[. . .] the aggregate or global capacity of the individual to act purposefully, to think rationally and to deal effectively with his environment"[a]

- ▶ It comprises several distinct aptitudes
- ▶ Tests were developed to quantify intelligence, making it is possible to assess a score in a numerical cognitive scale

[a]David Wechsler (1944). 3rd ed. Baltimore: The Williams and Wilkins Company

General Intelligence

▶ Since test scores tend to correlate positively (i.e. a positive manifold), this led to the development of theories on general intelligence, or "g"[a]

▶ "G" is an underlying factor that influences the overall cognitive performance of an individual and is latent to intelligence tests

▶ It can be estimated from the factor analytic decomposition of test scores from a population[b]

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[a]C. Spearman (1904). *The American Journal of Psychology*
[b]Louis L. Thurstone (1940). *Psychological Bulletin*

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Materials & Methods

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Final remarks

Carpe diem.

"É o InBrain ou não é?!"
J.H.O. Barbosa *"InBrain Archives"*. 2012

Thank you!