TRUE MODEL: HIGHER - ORDER FACTOR MODEL
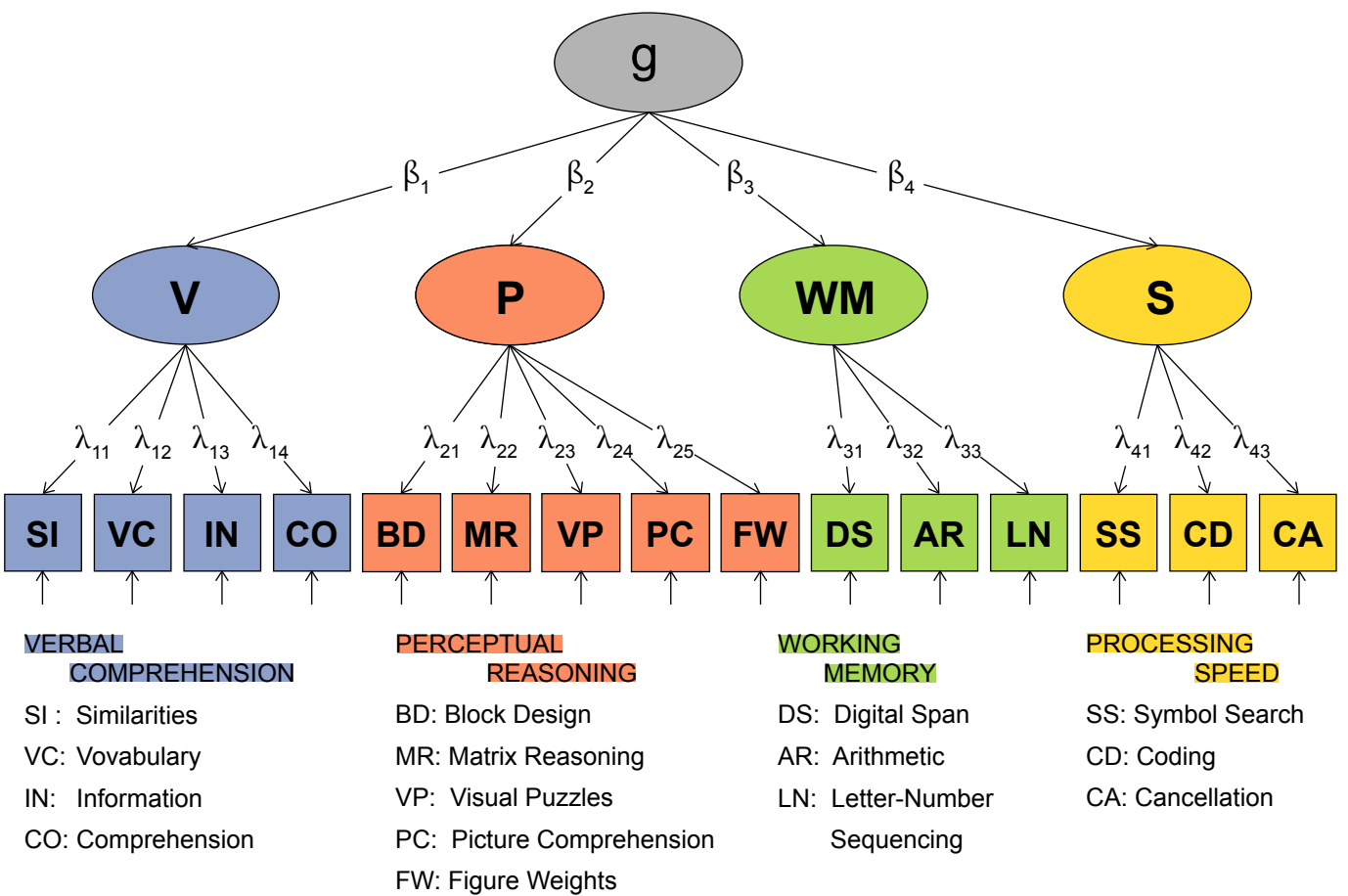
Fit: Higher - Order Factor Models

g

β_1 β_2 β_3 β_4

V   P   WM   S

λ_{11} λ_{12} λ_{13} λ_{14} λ_{21} λ_{22} λ_{23} λ_{24} λ_{25} λ_{31} λ_{32} λ_{33} λ_{41} λ_{42} λ_{43}

SI VC IN CO   BD MR VP PC FW   DS AR LN   SS CD CA

VERBAL COMPREHENSION
SI : Similarities
VC: Vovabulary
IN: Information
CO: Comprehension

PERCEPTUAL REASONING
BD: Block Design
MR: Matrix Reasoning
VP: Visual Puzzles
PC: Picture Comprehension
FW: Figure Weights

WORKING MEMORY
DS: Digital Span
AR: Arithmetic
LN: Letter-Number
      Sequencing

PROCESSING SPEED
SS: Symbol Search
CD: Coding
CA: Cancellation

Fit: Bifactor Models

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γ_1 γ_2 γ_3 γ_4 γ_5 γ_6 γ_7 γ_8 γ_9 γ_{10} γ_{11} γ_{12} γ_{13} γ_{14} γ_{15}

SI VC IN CO   BD MR VP PC FW   DS AR LN   SS CD CA

λ_{v1} λ_{v2} λ_{v3} λ_{v4} λ_{p1} λ_{p2} λ_{p3} λ_{p4} λ_{p5} λ_{w1} λ_{w2} λ_{w3} λ_{s1} λ_{s2} λ_{s3}

V   P   WM   S

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