

Buscando la Inteligencia en el Cerebro Humano

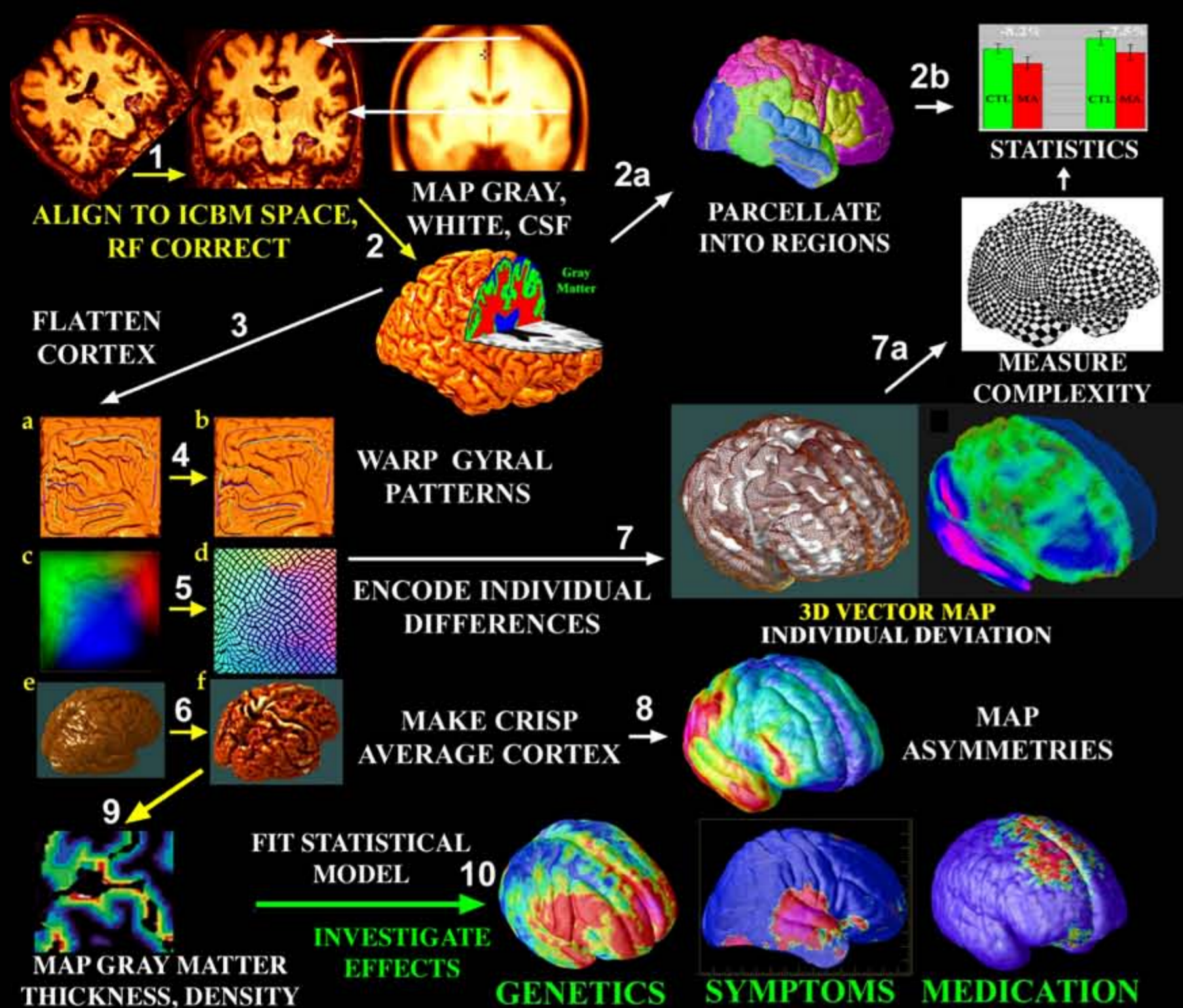
Kenia Martínez, Francisco J. Román, Miguel Burgaleta, Manuel Froufe, Pei-Chun Shih, Juan Álvarez-Linera, Francisco J. Abad, Sergio Escorial, Jesús Privado, M^a Ángeles Quiroga & Roberto Colom

MÉTODOS

Análisis de Imágenes obtenidas mediante RM

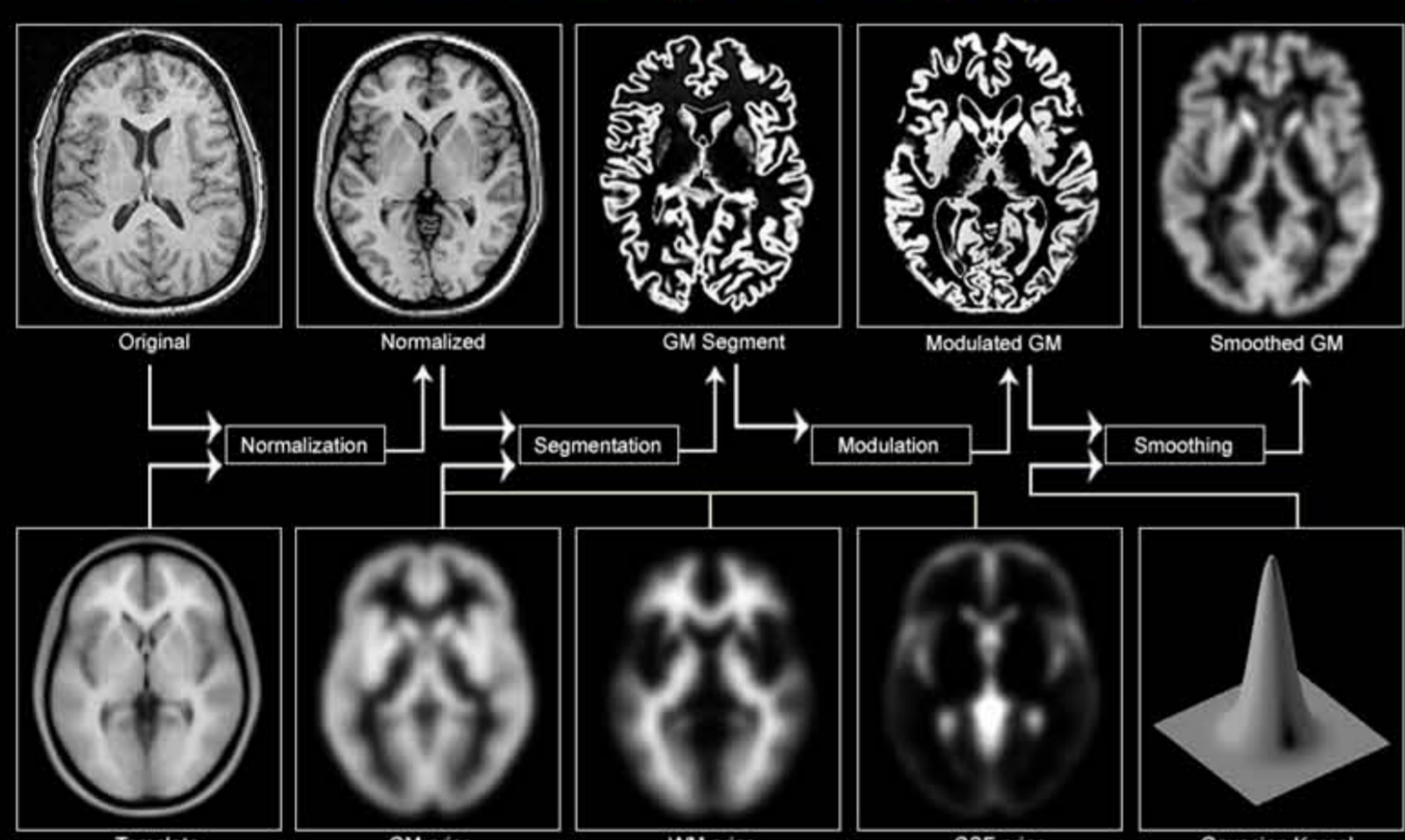
Cortical Thickness (Colom & Thompson, 2011.

Handbook of individual differences. London: Wiley-Blackwell)



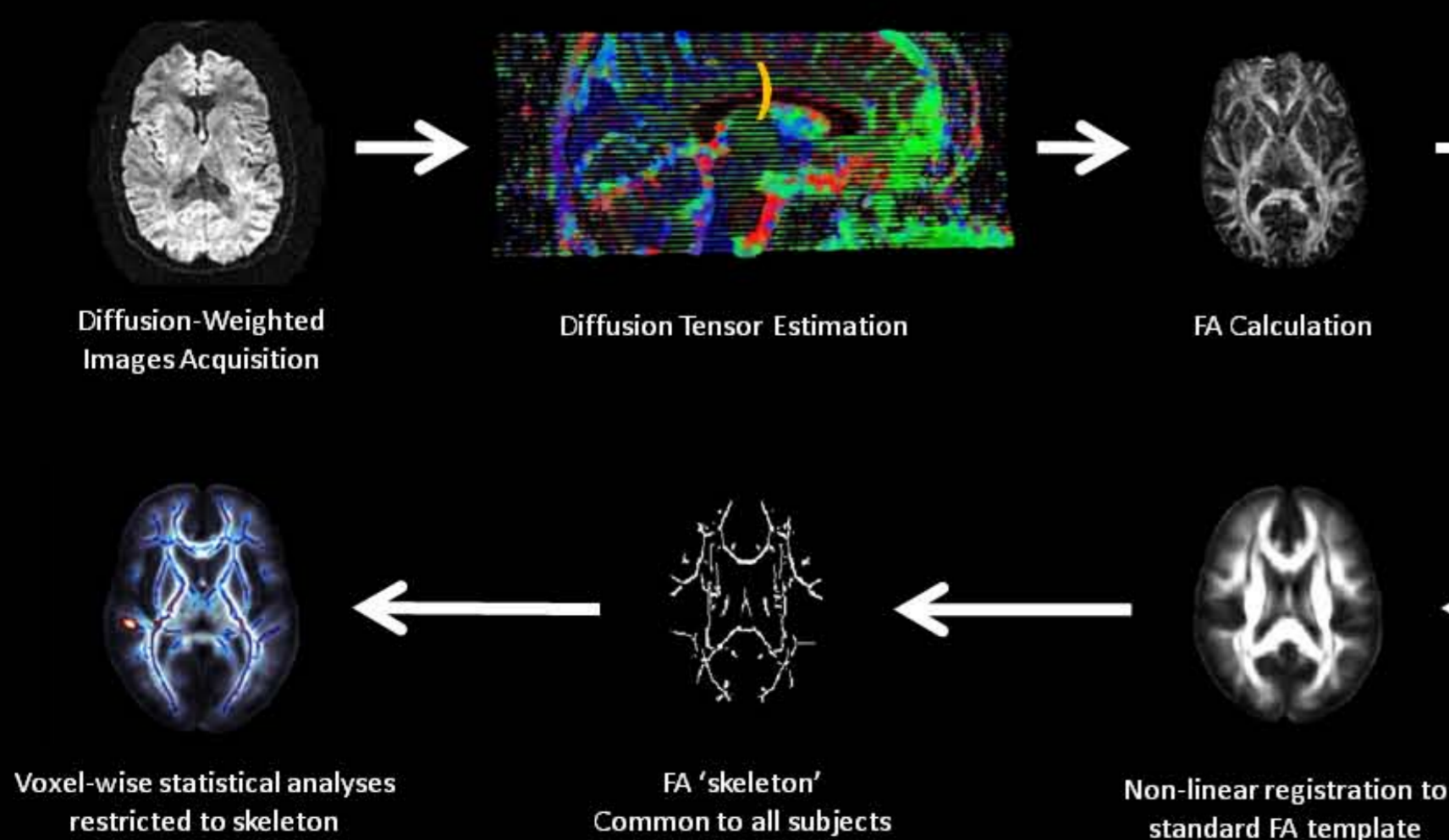
Medidas neuroanatómicas: Complejidad y Asimetría de Patrones Corticales, Densidad de materia gris.

Voxel Based Morphometry (VBM)



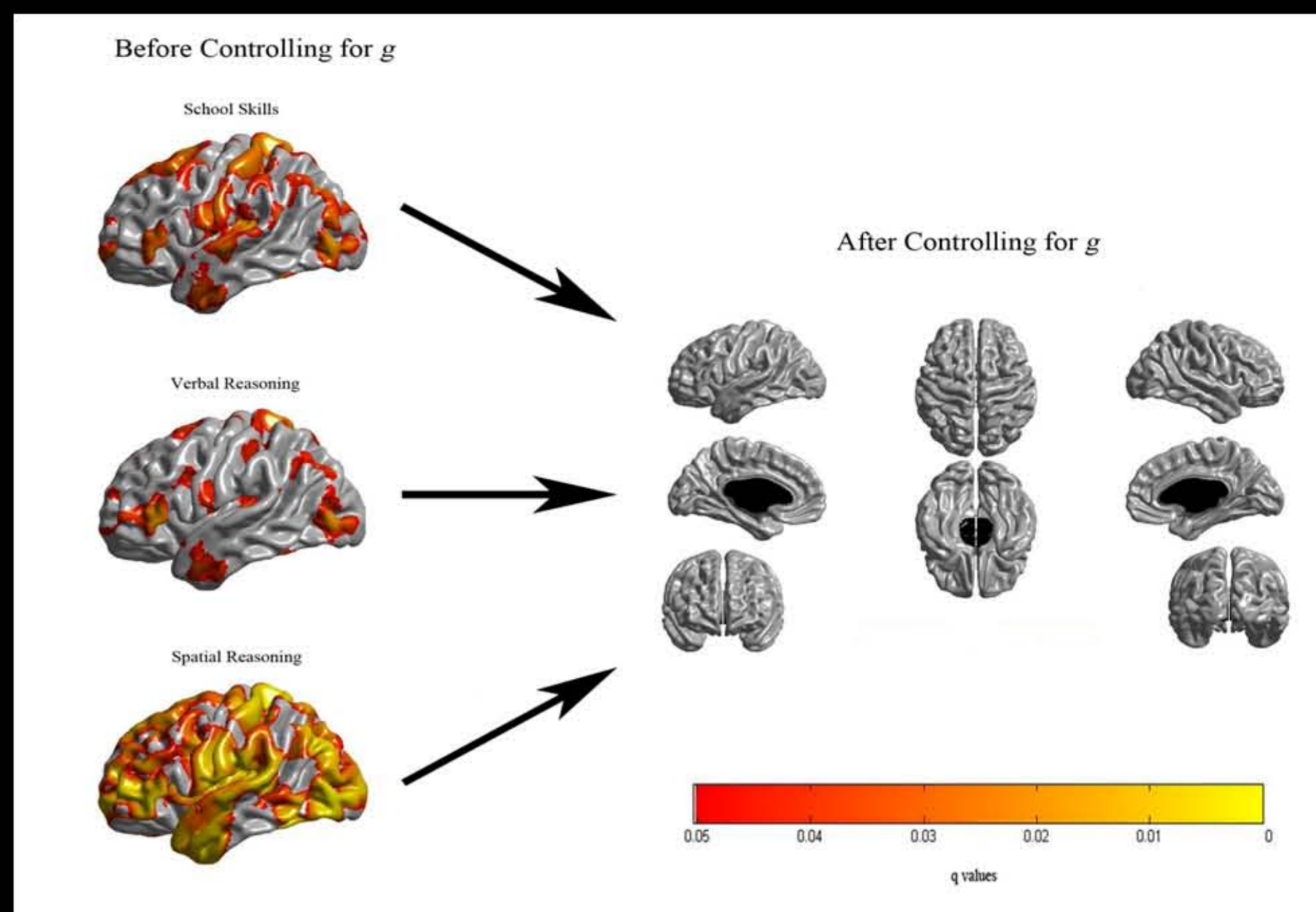
Medidas neuroanatómicas: Densidad de materia gris, blanca y CSF

DTI Study--- Tractography (FSL, Smith et al., 2006. NEUROIMAGE, 31, 1437-1505)

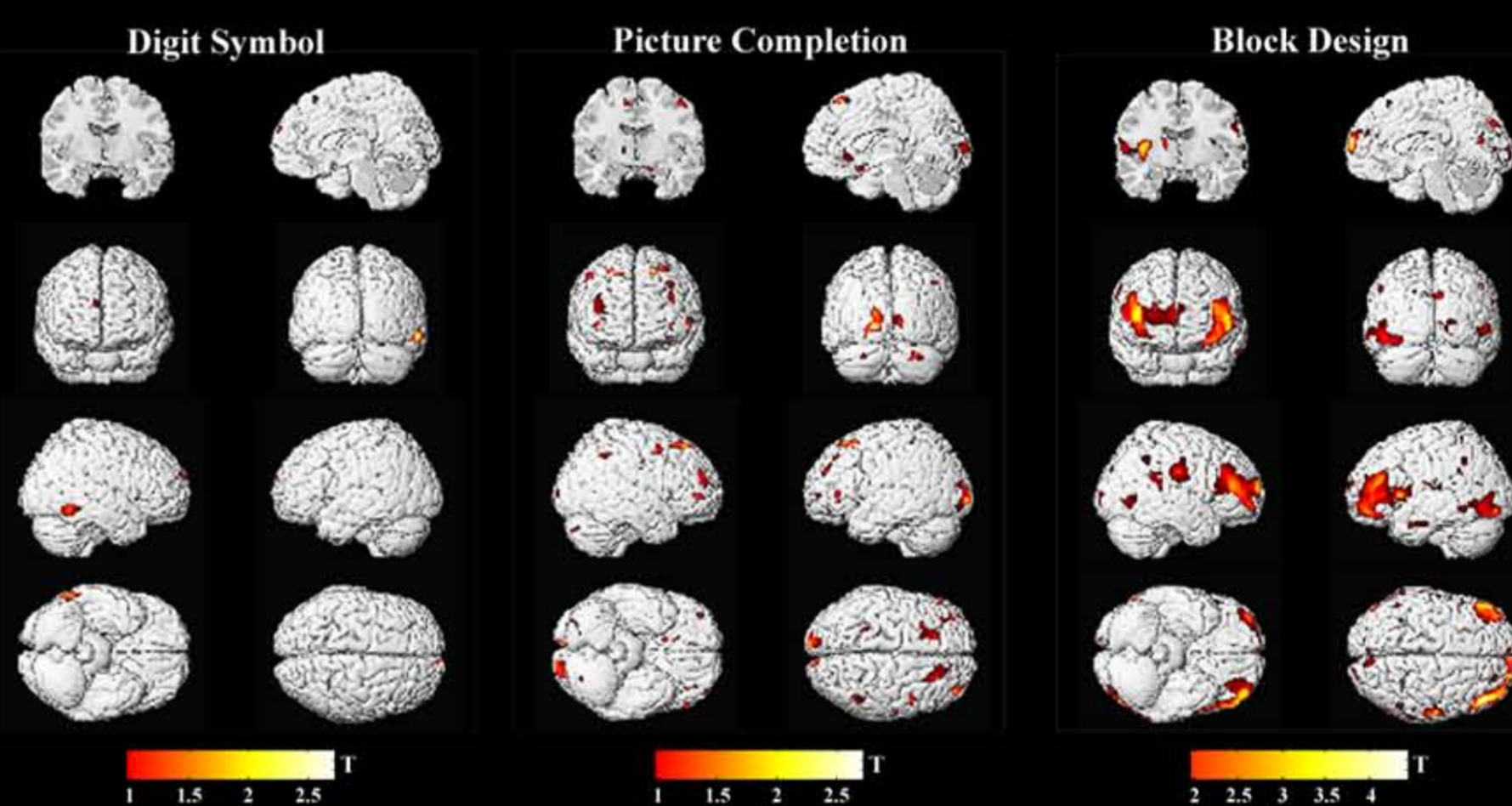


Medidas neuroanatómicas: Integridad de la materia blanca.

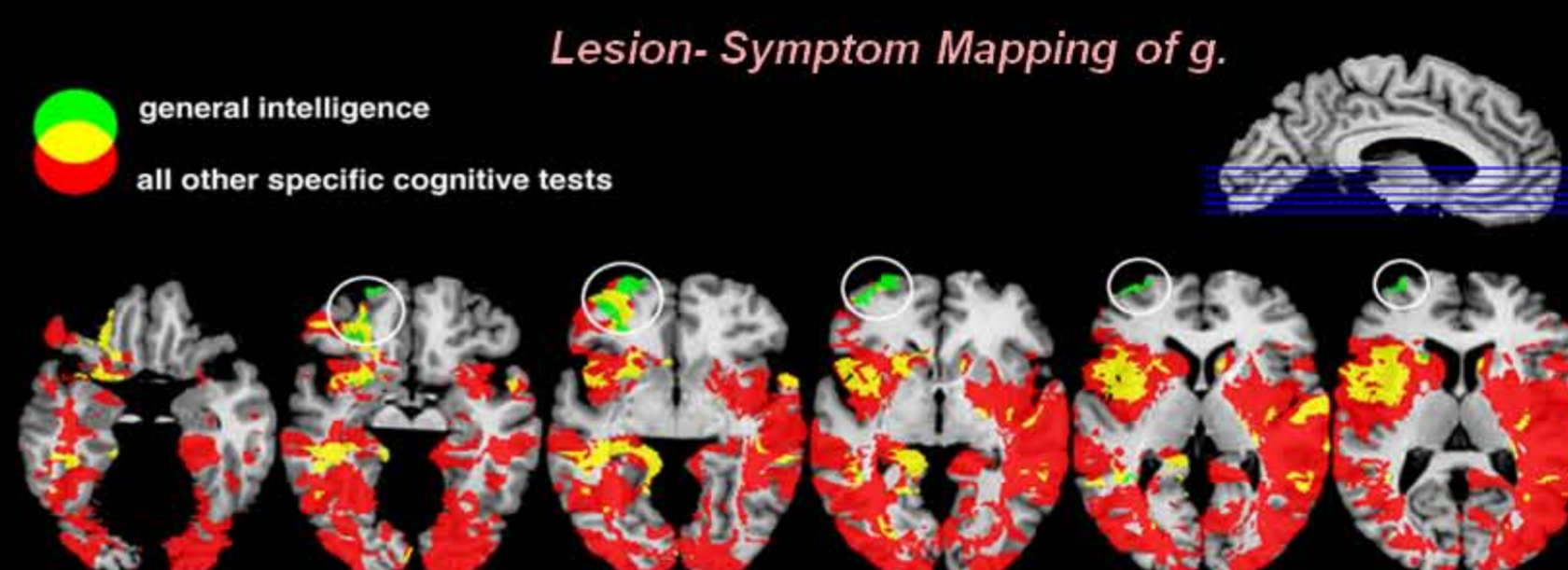
RESULTADOS



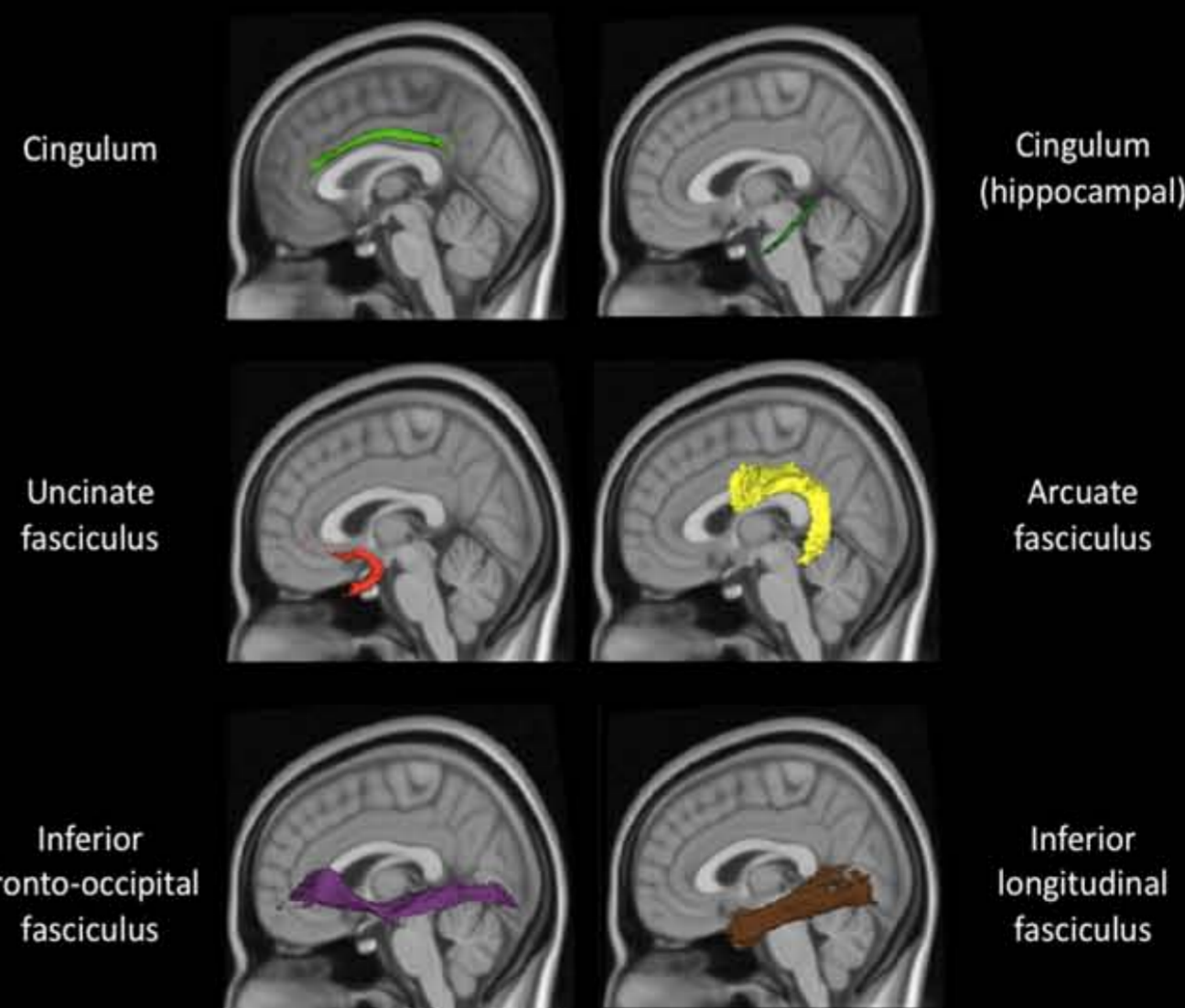
(Karama, Colom, et al, 2011. NEUROIMAGE, 55, 1443-1453)



(Colom et al., 2006. NEUROIMAGE, 31, 1359-1365)



(Gläser, Rudrauf, Colom, et al, 2010. PNAS, 107, 10, 4705-4709)



(Tamnes et al, 2010. HUMAN BRAIN MAPPING, 31, 1609-1625
Chiang et al. 2009. JOURNAL OF NEUROSCIENCE, 29, 2212-2224
Chunshui et al., 2008. NEUROIMAGE, 40, 1533-1541)

