HSD: Cortical Surface Registration

Project: LANDMAN_UPGRAD
Subject: 229415
Session: 229919
Version: 2.0 (CBT_v1.2)
June 29, 2020

Left Hemisphere (Energy: 1.758 → 0.818)

Right Hemisphere (Energy: 1.384 → 0.766)

BISCUIT: Brain Shape Computing Toolbox – An Automated Pipeline for Cortical Morphometry
Cortical Surface Parcellation

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References
Labeling Protocol, Paper
Software

Contact Information
Ilwoo Lyu

White Surfaces
Gray Surfaces
Middle Surfaces
Inflated Surfaces

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White Surfaces

Gray Surfaces

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References
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Contact Information
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Cortical Surface Quantification

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References
Paper (SD, LGI, SCI)
Software (LGI, SCI)

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Mean Curvature
-0.05 0 0.05

Shape Index
-1 0 1

Cortical Thickness
1 2 3 4 5

Sulcal Depth
0 10 20 30

Local Gyrification Index
2 4 6 8 10

Shape Complexity Index
0 0.5 1

BISCUIT: Brain Shape Computing Toolbox – An Automated Pipeline for Cortical Morphometry