
MIND YOUR OWN
THICKNESS
WHEN BRAIN DISORDERS OVERLAP:
CORTICAL THICKNESS, CORRELATIONS, CLUSTERS
AND CLASSIFIER
CHANTELLE YEN
ABSTRACT
PURPOSE
BACKGROUND
DATA
CORTICAL THICKNESS
ATTENTION-DEFICIT/HYPERACTIVITY DISORDER (ADHD)
AUTISM SPECTRUM DISORDER (ASD)
22q11.2 DELETION SYNDROME
EPILEPSY
PARKINSON'S DISEASE
BIPOLAR DISORDER
MAJOR DEPRESSIVE DISORDER (MDD)
OBSESSIVE-COMPULSIVE DISORDER (OCD)
CORRELATIONS
EPILEPSY · MDD
EPILEPSY · OCD
Correlation Number: 0.011065161883156970
P-value: 0.9286395047198059
CLUSTERS
CLASSIFIER
SOURCES OF ERROR
5201
5202
YORK HOUSE SCHOOL
Discussion
on Liver Tissue Weight
Mind Your Own
THICKNESS
By Chantelle Yen 2026
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How Yeast
Materials
Pilot Experiment - Objectives
Figure 1: Image depicting yeast samples with balloons after responding to their second stress
Cross-stress Experiments - Objectives
Stress Combinations