A

B

Rotation-Invariant Task

Rotation-Specific Task

Memorized Shape Identity

Not Memorized Shape Identity

Shape Identity Cross-Classification

Rotation Classification

Patterern Distinctness D

Decoding Accuracy %

0.02

0.01

0.00

54

52

50

48

Chance

Performance Correlation

Left

Right

L R

LOC

Calcarine Sulcus

PPC

Precuneus

FEF

DLPFC

Pattern Distinctness for Memorized versus Not-Memorized Shape

Invariant Shape Classification versus Rotation Classification

Data is shown for voxels identified using the Rotation-Invariant Task Rotation-Specific Task Both Tasks Collapsed Anatomy and Prior Work