Main Effects of Notation and Numerical Proximity in Three Brain Regions
(Pinel, Dehaene, Riviere, & LeBihan, 2001; N=9)

A1: Left Precuneus
Slope = 0.14; SE = 0.05
(p = 0.01)

B1
Data
Null-Effect Model

Effect = 0.06; SE = 0.06

A2: Right Fusiform
Slope = 0.00; SE = 0.02

B2

Effect = 0.15; SE = 0.05
(p = 0.02)

A3: Right Occipital
Slope = -0.02; SE = 0.02

B3

Effect = -0.16; SE = 0.05
(p = 0.01)

Mean Percent fMRI Signal Increase

Low Medium High

Numerical Proximity

Name Numeral

Notation