

Identification

Articles identified through  
database search ( $n = 1,095$ )

Articles identified through  
manual search ( $n = 23$ )

Articles screened after duplicates removed ( $n = 918$ )

Eligibility

(1) Not in English ( $n = 24$ )

(2) Reviews, meta-analyses,  
case studies ( $n = 225$ )

(3) Not children (mean age  
3–12, range 3–15;  $n = 409$ )

(4) Not typically developing  
( $n = 24$ )

(5) Not fMRI ( $n = 97$ )

(6) No semantic task ( $n = 45$ )

(7) No GLM analysis ( $n = 2$ )

(8) No whole-brain analysis  
( $n = 4$ )

(9) Coordinates not in standard  
space (Talairach, MNI;  $n = 9$ )

(10) Coordinates not reported for  
within-group analysis ( $n = 37$ )

Coordinates obtained from  
the authors ( $n = 3$ )

Articles included in the meta-analysis ( $n = 45$ )

Inclusion

**Experiments included in the meta-analysis ( $n = 50$ )**

Semantic knowledge  
experiments ( $n = 21$ )

Semantic relatedness  
experiments ( $n = 16$ )

Visual object category  
experiments ( $n = 13$ )

