Appendix H: Explanations of Variables Included in the MBCDI Concepts-Features File

Variable	Explanation
Concept	concept name
Definition	The concept's item label in the MBCDI
Uni_lemma	The "universal lemma" value in word bank, which is intended to support semantic mappings across concepts / languages.
Feature	feature name
WB_Label	feature type based on Wu and Barsalou's (2009) taxonomy
WB_Maj	feature type major classification based on Wu and Barsalou's (2009) taxonomy
WB_Min	feature type minor classification based on Wu and Barsalou's (2009) taxonomy
BR_Label	feature type based on Cree and McRae's (2003) taxonomy
Prod_Freq	production frequency: number of participants who listed the feature for the concept
Num_Parts	number of participants that provided features for the concept
NPF	normalized production frequency: Prod_Freq/Num_Parts
Rank_NPF	the feature's rank within the concept based on NPF
Sum_NPF_No_Tax	sum of NPF for the feature across all concepts it occurs in, excluding taxonomic features
CPF	the number of MBCDI concepts in which that feature occurs
Disting	D = distinguishing (feature is listed for 1 or 2 MBCDI concepts in the norms), ND = non-distinguishing (listed for >2 concepts)
Distinct	distinctiveness = 1/CPF
CV_No_Tax	cue validity of the feature for that concept, excluding taxonomic features; CV = NPF/Sum_NPF_No_Tax
Intercorr_Str_Tax	intercorrelational strength of the feature for that concept, includes taxonomic features
Intercorr_Str_No_Tax	intercorrelational strength of the feature for that concept, excludes taxonomic features
Feat_Length	number of characters in the feature name, including spaces as characters
Toddler_Access	toddler accessibility score: mean of toddler accessibility ratings for feature
MN_Toddler_Access	mean toddler accessibility score of concept's features
MN_Toddler_Access_No_Tax	mean toddler accessibility score of concept's feature, excluding taxonomic features
Phon_1st	initial phoneme of concept name
SUBTLEX_PM	SUBTLEX-US frequency of concept name: sum of singular and plural
LN_SUBTLEX	natural logarithm of SUBTLEX-US frequency of concept name: sum of singular and plural
Length_Letters	number of lets in concept name
Length_Phonemes	number of phonemes in concept name

Length_Syllables	number of syllables in concept name
Bigram	mean position-specific bigram frequency of concept name according to Neighborhood Watch program
Trigram	mean position-specific trigram frequency of concept name according to Neighborhood Watch program
ColtheartN	Coltheart's N of concept name according Neighborhood Watch program
Num_Feats_Tax	number of features in concept, including taxonomic features
Num_Feats_No_Tax	number of features in concept, excluding taxonomic features
Num_Disting_Feats_No_Tax	number of distinguishing features in concept (appear in <3 concepts in norms), excluding taxonomic
Disting_Feats_Percent_No_Tax	percentage of features in the concept that are distinguishing (appear in <3 concepts in norms), excluding taxonomic
Mean_Distinct_No_Tax	mean distinctiveness of the concept's features (1/CPF), excluding taxonomic
Mean_CV_No_Tax	mean cue validity of the concept's features, excluding taxonomic
Density_No_Tax	intercorrelational density of the concept: sum of r^2 for the concept's significantly correlated feature pairs
Num_Corred_Pairs_No_Tax	number of significantly correlated feature pairs in concept, excluding taxonomic
Percent_Corred_Pairs_No_Tax	percentage of significantly correlated feature pairs in concept, excluding taxonomic
Num_Func	number of functional features in the concept
Num_Vis_Mot	number of visual-motor features in concept
Num_VisFandS	number of visual form and surface features in concept
Num_Vis_Col	number of visual color features in concept
Num_Sound	number of sound features in concept
Num_Taste	number of taste features in concept
Num_Smell	number of smell features in concept
Num_Tact	number of tactile features in concept
Num_Percep	number of perceptual features in the concept: sum of Num_Vis_Mot, Num_VisFandS, Num_Vis_Col, Num_Sound, Num_Taste, Num_Smell, and Num_Tact
Num_Ency	number of encyclopedic features in concept
Num_Tax	number of taxonomic features in concept