Supplement 2

Supplementary information

Calculations for Fig. 2

Linear mixed-effects model fit by maximum likelihood
 Data: nds_
     AIC   BIC   logLik
 2373.887 2394.696 -1180.944

Random effects:
 Formula: ~1 | pig
      (Intercept) Residual
StdDev: 29.8529 29.91607

Fixed effects: nds ~ tag * HeadPos
             Value Std.Error DF   t-value p-value
(Intercept) 28.22325 18.685605 191 1.510427 0.1326
tag   -5.20671 3.209175 191 -1.622445 0.1064
HeadPos   54.83227 12.558013 42 4.366318 0.0001
tag:HeadPos -6.40365 2.391413 191 -2.677768 0.0081
 Correlation:
           (Intr) tag   HeadPs
tag   -0.573
HeadPos   -0.944 0.569
tag:HeadPos 0.513 -0.944 -0.574

Standardized Within-Group Residuals:
      Min   Q1   Med   Q3   Max
-1.75505254 -0.60991388 -0.09954739 0.48872150 4.70809149

Number of Observations: 237
Number of Groups: 44

Calculations for Tab 2

     Kruskal-Wallis rank sum test

data: HbStart by HeadPos
Kruskal-Wallis chi-squared = 0.00014071, df = 1, p-value = 0.9905

     Kruskal-Wallis rank sum test

data: NaPriming by HeadPos
Kruskal-Wallis chi-squared = 0.038805, df = 1, p-value = 0.8438

     Kruskal-Wallis rank sum test

data: OsmPriming by HeadPos
Kruskal-Wallis chi-squared = 8.8101, df = 1, p-value = 0.002996