Figure 3 statistical output, p-values boxed in green
Female LFD (top), Female HFD (bottom)

```
> summary(lme(weight~Group+age,random=~1|ID, data=female.lfd, na.action=na.omit))
Linear mixed-effects model fit by REML
 Data: female.lfd
      AIC      BIC    logLik
  4188.25 4230.241 -2085.125

Random effects:
 Formula: ~1 | ID
        (Intercept) Residual
StdDev:     3.12003 3.084695

Fixed effects: weight ~ Group + age
                        Value Std.Error  DF  t-value p-value
(Intercept)         15.455314 1.1058988 738 13.97534  0.0000
Group0.2 mg/kg GenX -0.060519 1.5179624  47 -0.03987  0.9684
Group1.0 mg/kg GenX  0.728972 1.5646798  47  0.46589  0.6434
Group2.0 mg/kg GenX  0.955698 1.5649052  47  0.61071  0.5443
Group0.1 mg/kg PFOA  1.697926 1.5179624  47  1.11856  0.2690
Group1.0 mg/kg PFOA  0.219893 1.4798545  47  0.14859  0.8825
age                  0.175933 0.0034915 738 50.38901  0.0000
 Correlation:
                    (Intr) G0.2mG G1.0mG G2.0mG G0.1mP G1.0mP
Group0.2 mg/kg GenX -0.686
Group1.0 mg/kg GenX -0.666  0.485
Group2.0 mg/kg GenX -0.666  0.485  0.471
Group0.1 mg/kg PFOA -0.686  0.500  0.485  0.485
Group1.0 mg/kg PFOA -0.704  0.513  0.498  0.497  0.513
age                 -0.241  0.000  0.000  0.000  0.000  0.001

Standardized Within-Group Residuals:
       Min         Q1        Med        Q3        Max
-4.6180926 -0.4762692  0.1393192  0.6562191  2.4475619

Number of Observations: 792
Number of Groups: 53
> summary(lme(weight~Group+age,random=~1|ID, data=female.hfd, na.action=na.omit))
Linear mixed-effects model fit by REML
 Data: female.hfd
       AIC      BIC    logLik
  4996.689 5038.963 -2489.345

Random effects:
 Formula: ~1 | ID
        (Intercept) Residual
StdDev:    5.871738 4.620221

Fixed effects: weight ~ Group + age
                        Value Std.Error  DF  t-value p-value
(Intercept)         13.557812 1.8496147 761  7.33007  0.0000
Group0.2 mg/kg GenX -0.101580 2.6932223  49 -0.03772  0.9701
Group1.0 mg/kg GenX  0.725119 2.7852529  49  0.26034  0.7957
Group2.0 mg/kg GenX -2.140320 2.6932223  49 -0.79471  0.4306
Group0.1 mg/kg PFOA  0.495114 2.6944080  49  0.18376  0.8550
Group1.0 mg/kg PFOA  2.781754 2.6932223  49  1.03287  0.3067
age                  0.344235 0.0051761 761 66.50432  0.0000
 Correlation:
                    (Intr) G0.2mG G1.0mG G2.0mG G0.1mP G1.0mP
Group0.2 mg/kg GenX -0.655
Group1.0 mg/kg GenX -0.634  0.435
Group2.0 mg/kg GenX -0.655  0.450  0.435
Group0.1 mg/kg PFOA -0.656  0.450  0.435  0.450
Group1.0 mg/kg PFOA -0.655  0.450  0.435  0.450  0.450
age                 -0.214  0.000  0.003  0.000  0.003  0.000

Standardized Within-Group Residuals:
       Min         Q1        Med        Q3        Max
-3.6741594 -0.4957271  0.1476275  0.6601601  3.2383912

Number of Observations: 817
Number of Groups: 55
```

Corresponding R script: Postnatal weight gain analysis R_ordergroups_BEB_06082021.R

Figure 3 statistical output, p-values boxed in green
Male LFD (top), Male HFD (bottom)

```
> summary(lme(weight~Group+age,random=~1|ID, data=male.lfd, na.action=na.omit))
Linear mixed-effects model fit by REML
 Data: male.lfd
       AIC       BIC    logLik
  5404.864 5447.476 -2693.432

Random effects:
 Formula: ~1 | ID
         (Intercept) Residual
StdDev:     3.827003 5.438975

Fixed effects: weight ~ Group + age
                         Value Std.Error  DF  t-value  p-value
(Intercept)          20.080089 1.3672272 790 14.68672  0.0000
Group0.2 mg/kg GenX   0.794104 1.8760202  51  0.42329  0.6739
Group1.0 mg/kg GenX   1.119371 1.8755620  51  0.59682  0.5533
Group2.0 mg/kg GenX   4.493970 1.7838199  51  2.51930  0.0149
Group0.1 mg/kg PFOA   2.512565 1.8760110  51  1.33931  0.1864
Group1.0 mg/kg PFOA   3.326927 1.8755620  51  1.77383  0.0821
age                   0.252337 0.0059692 790 42.27323  0.0000
 Correlation:
                      (Intr) G0.2mG G1.0mG G2.0mG G0.1mP G1.0mP
Group0.2 mg/kg GenX -0.650
Group1.0 mg/kg GenX -0.650  0.475
Group2.0 mg/kg GenX -0.683  0.499  0.500
Group0.1 mg/kg PFOA -0.650  0.475  0.475  0.499
Group1.0 mg/kg PFOA -0.650  0.475  0.475  0.500  0.475
age                 -0.326 -0.005 -0.005 -0.006 -0.004 -0.005

Standardized Within-Group Residuals:
       Min         Q1        Med         Q3        Max
-4.2884690 -0.4649020  0.2132296  0.6920453  3.5860185

Number of Observations: 848
Number of Groups: 57
> summary(lme(weight~Group+age,random=~1|ID, data=male.hfd, na.action=na.omit))
Linear mixed-effects model fit by REML
 Data: male.hfd
       AIC       BIC    logLik
  5296.667 5338.851 -2639.333

Random effects:
 Formula: ~1 | ID
         (Intercept) Residual
StdDev:     4.437728 5.918399

Fixed effects: weight ~ Group + age
                         Value Std.Error  DF  t-value  p-value
(Intercept)          20.068072 1.6440505 754 12.20648  0.0000
Group0.2 mg/kg GenX  -1.035630 2.2806131  48 -0.45410  0.6518
Group1.0 mg/kg GenX   3.836593 2.2125197  48  1.73404  0.0893
Group2.0 mg/kg GenX  -1.495562 2.1568816  48 -0.69339  0.4914
Group0.1 mg/kg PFOA   1.075259 2.2125197  48  0.48599  0.6292
Group1.0 mg/kg PFOA  -0.644444 2.2125197  48 -0.29127  0.7721
age                   0.375213 0.0066248 754 56.63747  0.0000
 Correlation:
                      (Intr) G0.2mG G1.0mG G2.0mG G0.1mP G1.0mP
Group0.2 mg/kg GenX -0.653
Group1.0 mg/kg GenX -0.673  0.485
Group2.0 mg/kg GenX -0.690  0.498  0.513
Group0.1 mg/kg PFOA -0.673  0.485  0.500  0.513
Group1.0 mg/kg PFOA -0.673  0.485  0.500  0.513  0.500
age                 -0.307  0.000  0.000  0.000  0.000  0.000

Standardized Within-Group Residuals:
       Min         Q1        Med         Q3        Max
-5.5361137 -0.4654467  0.2438017  0.6698297  2.5335213

Number of Observations: 809
Number of Groups: 54
```

Corresponding R script: Postnatal weight gain analysis R_ordergroups_BEB_06082021.R