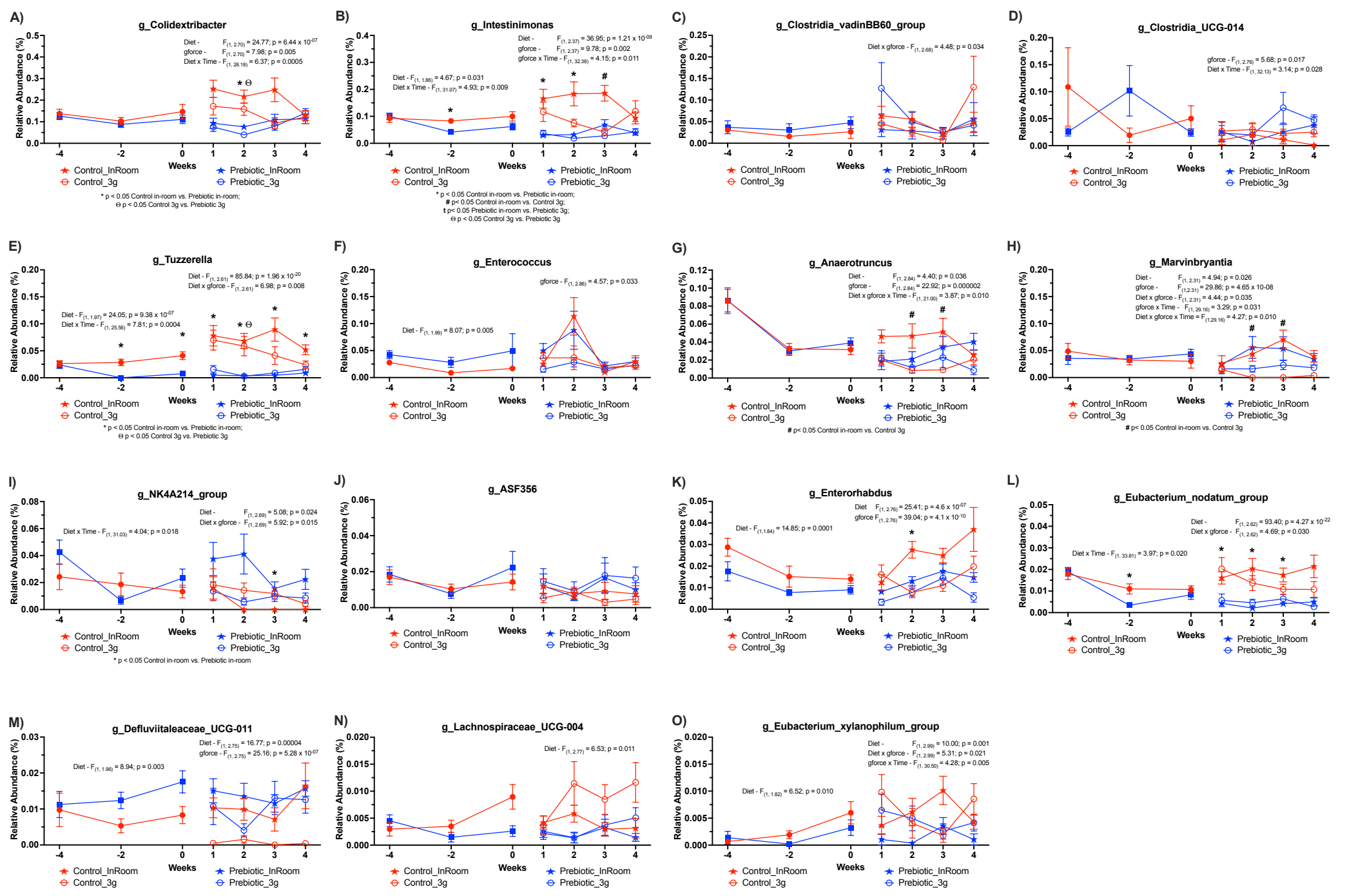
A)
g_Colidextribacter
Diet - F(1, 2.70) = 24.77; p = 6.44 x 10-07
gforce - F(1, 2.70) = 7.98; p = 0.005
Diet x Time - F(1, 28.18) = 6.37; p = 0.0005
* p < 0.05 Control in-room vs. Prebiotic in-room;
Θ p < 0.05 Control 3g vs. Prebiotic 3g
B)
g_Intestinimonas
Diet - F(1, 2.37) = 36.95; p = 1.21 x 10-09
gforce - F(1, 2.37) = 9.78; p = 0.002
gforce x Time - F(1, 32.38) = 4.15; p = 0.011
Diet - F(1, 1.86) = 4.67; p = 0.031
Diet x Time - F(1, 31.07) = 4.93; p = 0.009
* p < 0.05 Control in-room vs. Prebiotic in-room;
# p< 0.05 Control in-room vs. Control 3g;
t p< 0.05 Prebiotic in-room vs. Prebiotic 3g;
Θ p < 0.05 Control 3g vs. Prebiotic 3g
C)
g_Clostridia_vadinBB60_group
Diet x gforce - F(1, 2.68) = 4.48; p = 0.034
D)
g_Clostridia_UCG-014
gforce - F(1, 2.76) = 5.68; p = 0.017
Diet x Time - F(1, 32.13) = 3.14; p = 0.028
E)
g_Tuzzerella
Diet - F(1, 2.61) = 85.84; p = 1.96 x 10-20
Diet x gforce - F(1, 2.61) = 6.98; p = 0.008
Diet - F(1, 1.97) = 24.05; p = 9.38 x 10-07
Diet x Time - F(1, 25.56) = 7.81; p = 0.0004
* p < 0.05 Control in-room vs. Prebiotic in-room;
Θ p < 0.05 Control 3g vs. Prebiotic 3g
F)
g_Enterococcus
gforce - F(1, 2.86) = 4.57; p = 0.033
Diet - F(1, 1.99) = 8.07; p = 0.005
G)
g_Anaerotruncus
Diet - F(1, 2.84) = 4.40; p = 0.036
gforce - F(1, 2.84) = 22.92; p = 0.000002
Diet x gforce x Time - F(1, 21.00) = 3.87; p = 0.010
# p< 0.05 Control in-room vs. Control 3g
H)
g_Marvinbryantia
Diet - F(1, 2.31) = 4.94; p = 0.026
gforce - F(1, 2.31) = 29.86; p = 4.65 x 10-08
Diet x gforce - F(1, 2.31) = 4.44; p = 0.035
gforce x Time - F(1, 29.16) = 3.29; p = 0.031
Diet x gforce x Time = F(1, 29.16) = 4.27; p = 0.010
# p< 0.05 Control in-room vs. Control 3g
I)
g_NK4A214_group
Diet - F(1, 2.69) = 5.08; p = 0.024
Diet x gforce - F(1, 2.69) = 5.92; p = 0.015
Diet x Time - F(1, 31.03) = 4.04; p = 0.018
* p < 0.05 Control in-room vs. Prebiotic in-room
J)
g_ASF356
K)
g_Enterorhabdus
Diet F(1, 2.76) = 25.41; p = 4.6 x 10-07
gforce F(1, 2.76) = 39.04; p = 4.1 x 10-10
Diet - F(1, 1.84) = 14.85; p = 0.0001
L)
g_Eubacterium_nodatum_group
Diet - F(1, 2.62) = 93.40; p = 4.27 x 10-22
Diet x gforce - F(1, 2.62) = 4.69; p = 0.030
Diet x Time - F(1, 33.81) = 3.97; p = 0.020
M)
g_Defluviitaleaceae_UCG-011
Diet - F(1, 2.75) = 16.77; p = 0.00004
gforce - F(1, 2.75) = 25.16; p = 5.28 x 10-07
Diet - F(1, 1.96) = 8.94; p = 0.003
N)
g_Lachnospiraceae_UCG-004
Diet - F(1, 2.77) = 6.53; p = 0.011
O)
g_Eubacterium_xylanophilum_group
Diet - F(1, 2.99) = 10.00; p = 0.001
Diet x gforce - F(1, 2.99) = 5.31; p = 0.021
gforce x Time - F(1, 30.50) = 4.28; p = 0.005
Diet - F(1, 1.82) = 6.52; p = 0.010
Relative Abundance (%)
Weeks
Control_InRoom
Control_3g
Prebiotic_InRoom
Prebiotic_3g