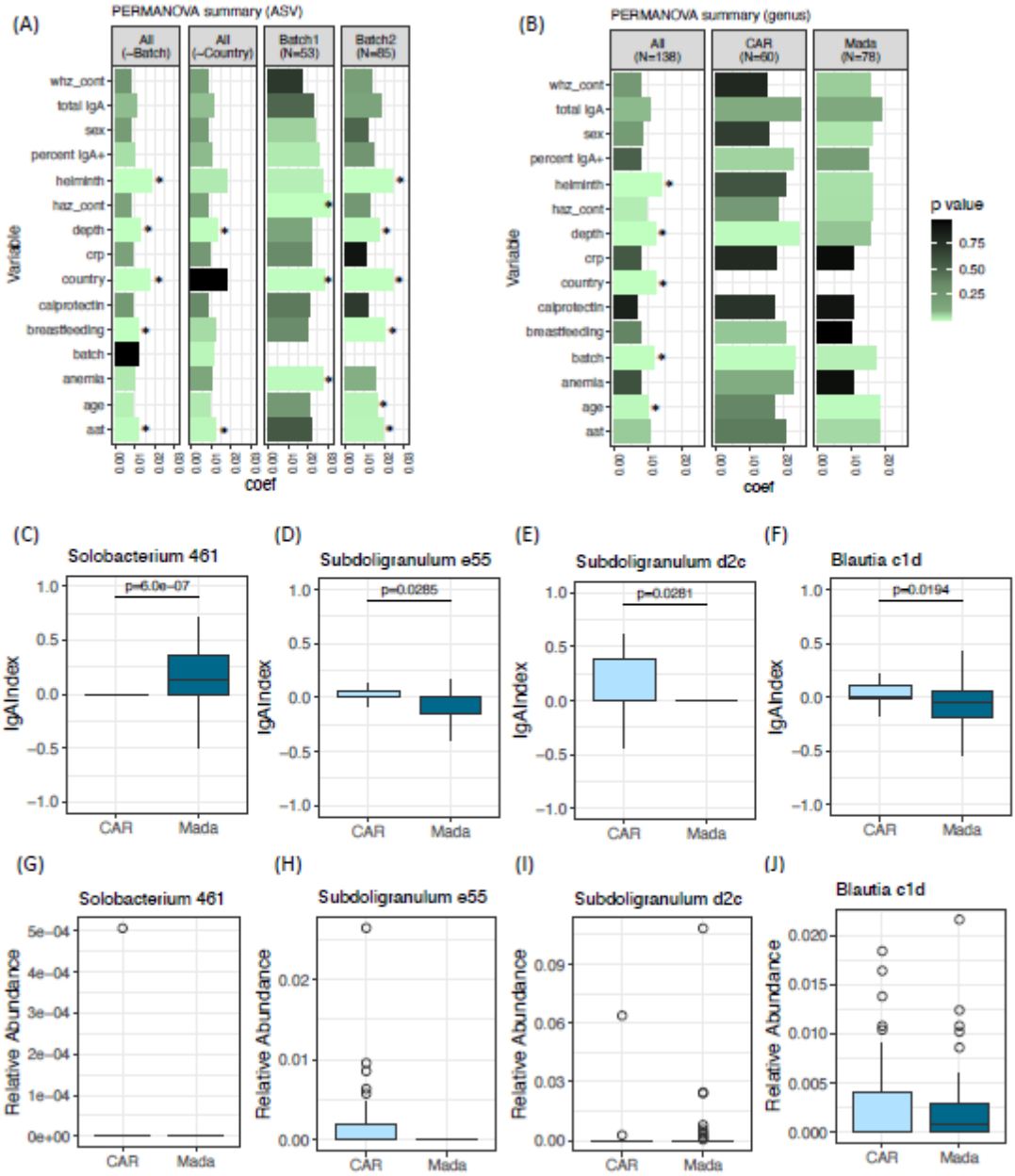
(A)
PERMANOVA summary (ASV)
All (~Batch)
All (~Country)
Batch1 (N=53)
Batch2 (N=85)
whz_cont
total IgA
sex
percent IgA+
helminth
haz_cont
depth
crp
country
calprotectin
breastfeeding
batch
anemia
age
ast
Variable
coef
(B)
PERMANOVA summary (genus)
All (N=138)
CAR (N=60)
Mada (N=78)
p value
0.75
0.50
0.25
(C)
Solobacterium 461
p=6.0e−07
IgAIndex
CAR
Mada
(D)
Subdoligranulum e55
p=0.0285
(E)
Subdoligranulum d2c
p=0.0281
(F)
Blautia c1d
p=0.0194
(G)
Relative Abundance
(H)
(I)
(J)

Fig S8.