```
Input As Predictor File:  Plasma_biomarkers.txt.out.alr_as_pred.pvals.tsv
Input As Response File:   Plasma_biomarkers.txt.out.alr_as_resp.pvals.tsv
Output File Root: Plasma_biomarkers
```

```
As Predictor:
Categories:
 [1] "Veillonella"           "Streptococcus"       "Prevotella_7"
 [4] "Neisseria"             "Pasteurellaceae_uncl" "Fusobacterium"
 [7] "Rothia"                "Prevotella"          "Leptotrichia"
[10] "Gemella"               "Capnocytophaga"      "Porphyromonas"
[13] "Alloprevotella"        "Prevotella_6"        "Granulicatella"
[16] "Campylobacter"         "Actinomyces"         "Megasphaera"
[19] "Lactobacillus"         "Oribacterium"        "Haemophilus"
[22] "Lachnoanaerobaculum"   "Selenomonas_3"       "Neisseriaceae_uncl"
[25] "Staphylococcus"        "Saccharibacteria_uncl" "Stomatobaculum"
[28] "Treponema_2"           "Bergeyella"          "Corynebacterium"
[31] "Prevotellaceae_uncl"   "Prevotella_2"        "Kingella"
[34] "Lautropia"             "Selenomonas"
Factors:
[1] "ADMA"       "ARG"        "SDMA"       "IL6"        "log_hscrp" "ET1"
[7] "D2D"        "log_bnp"

As Response:
Categories:
 [1] "Streptococcus"               "Veillonella"
 [3] "Prevotella_7"                "Pasteurellaceae_unclassified"
 [5] "Neisseria"                   "Rothia"
 [7] "Fusobacterium"               "Leptotrichia"
 [9] "Prevotella"                  "Porphyromonas"
[11] "Alloprevotella"              "Capnocytophaga"
[13] "Gemella"                     "Granulicatella"
[15] "Actinomyces"                 "Campylobacter"
[17] "Saccharibacteria_unclassified" "Haemophilus"
[19] "Megasphaera"                 "Prevotella_6"
[21] "Treponema_2"                 "Oribacterium"
[23] "Corynebacterium"             "Lactobacillus"
[25] "Lachnoanaerobaculum"
Factors:
 [1] "isFemale"               "raceCaucasian"       "raceOther"
 [4] "AGE"                    "BMI"                 "CD4"
 [7] "log_vl_ll_nn"           "current_smoker"      "past_smoker"
[10] "F5PPD_NOW"              "PACK_YEARS"          "IVDU_EVER"
[13] "DIABETES"               "a4hivmed_nn"         "a4hivmed_current_nn"
[16] "ADMA"                   "ARG"                 "SDMA"
[19] "IL6"                    "log_hscrp"           "ET1"
[22] "D2D"                    "log_bnp"
```

```
Shared:
Categories:
 [1] "Veillonella"        "Streptococcus"      "Prevotella_7"
 [4] "Neisseria"          "Fusobacterium"      "Rothia"
 [7] "Prevotella"         "Leptotrichia"       "Gemella"
[10] "Capnocytophaga"     "Porphyromonas"      "Alloprevotella"
[13] "Prevotella_6"       "Granulicatella"     "Campylobacter"
[16] "Actinomyces"        "Megasphaera"        "Lactobacillus"
[19] "Oribacterium"       "Haemophilus"        "Lachnoanaerobaculum"
[22] "Treponema_2"        "Corynebacterium"
Factors:
[1] "ADMA"      "ARG"       "SDMA"      "IL6"       "log_hscrp" "ET1"
[7] "D2D"       "log_bnp"
```
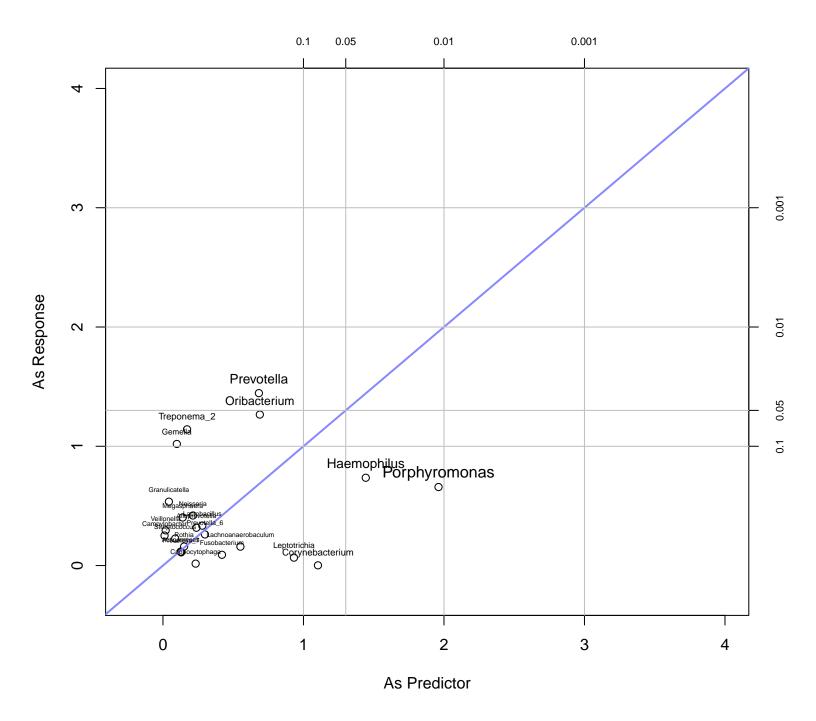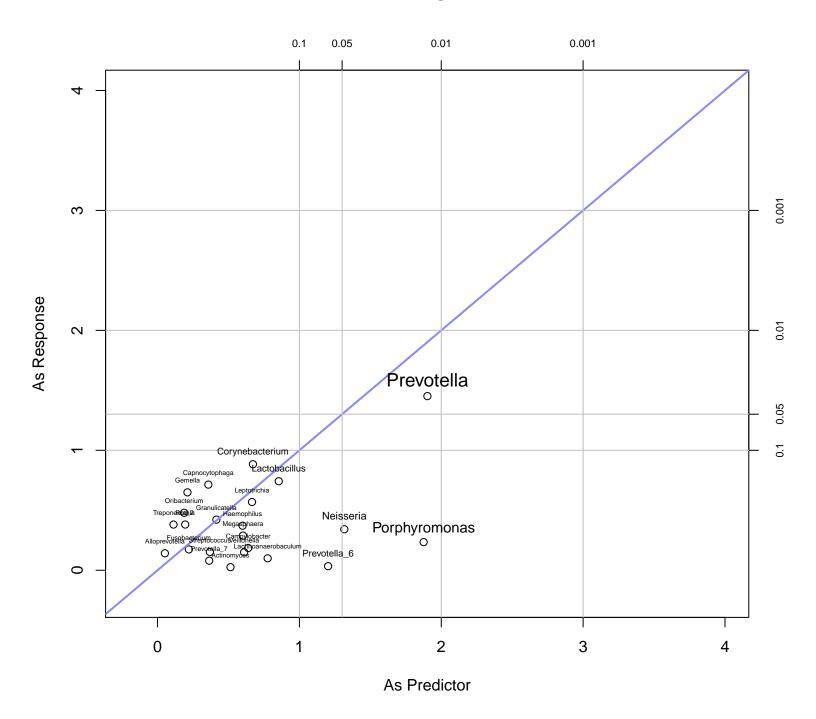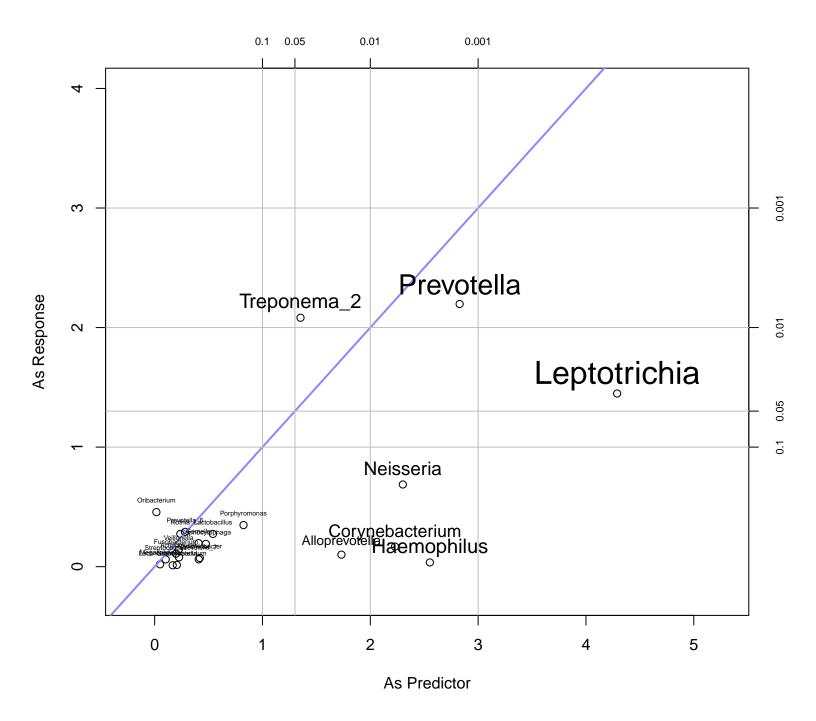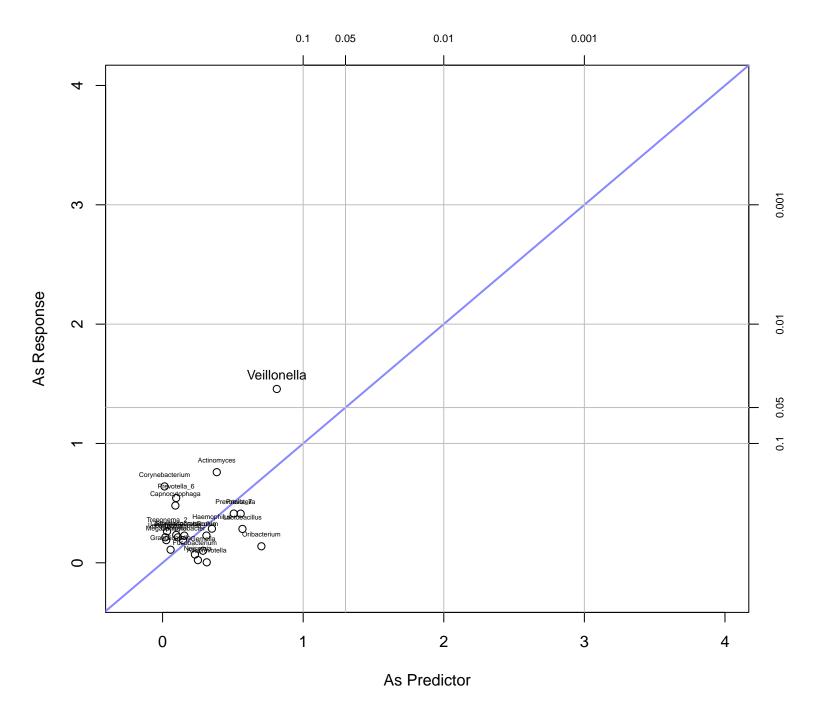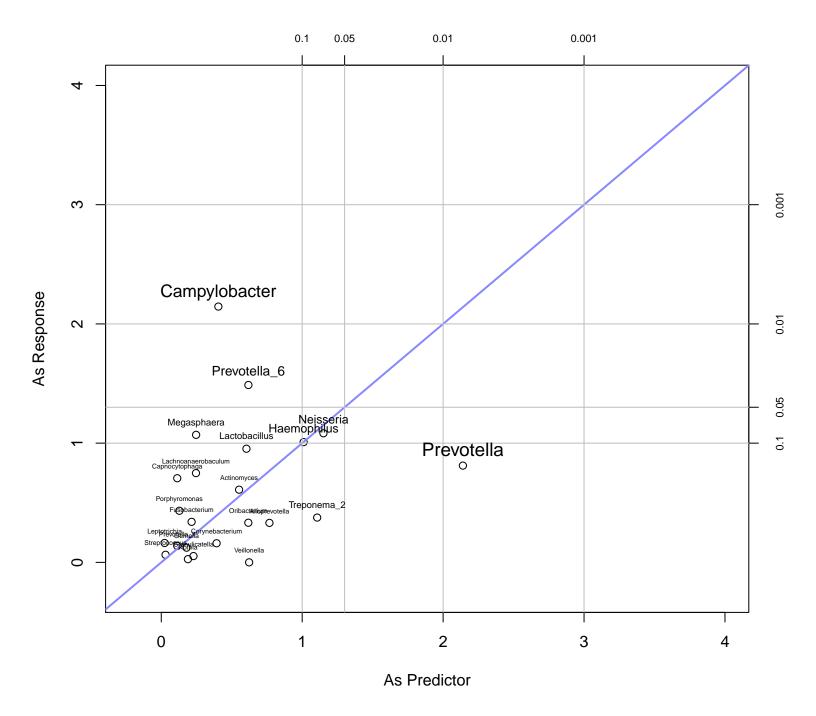
ADMA

ARG

SDMA

IL6

log_hscrp

ET1

D2D

log_bnp