

## **Supplementary Figures**

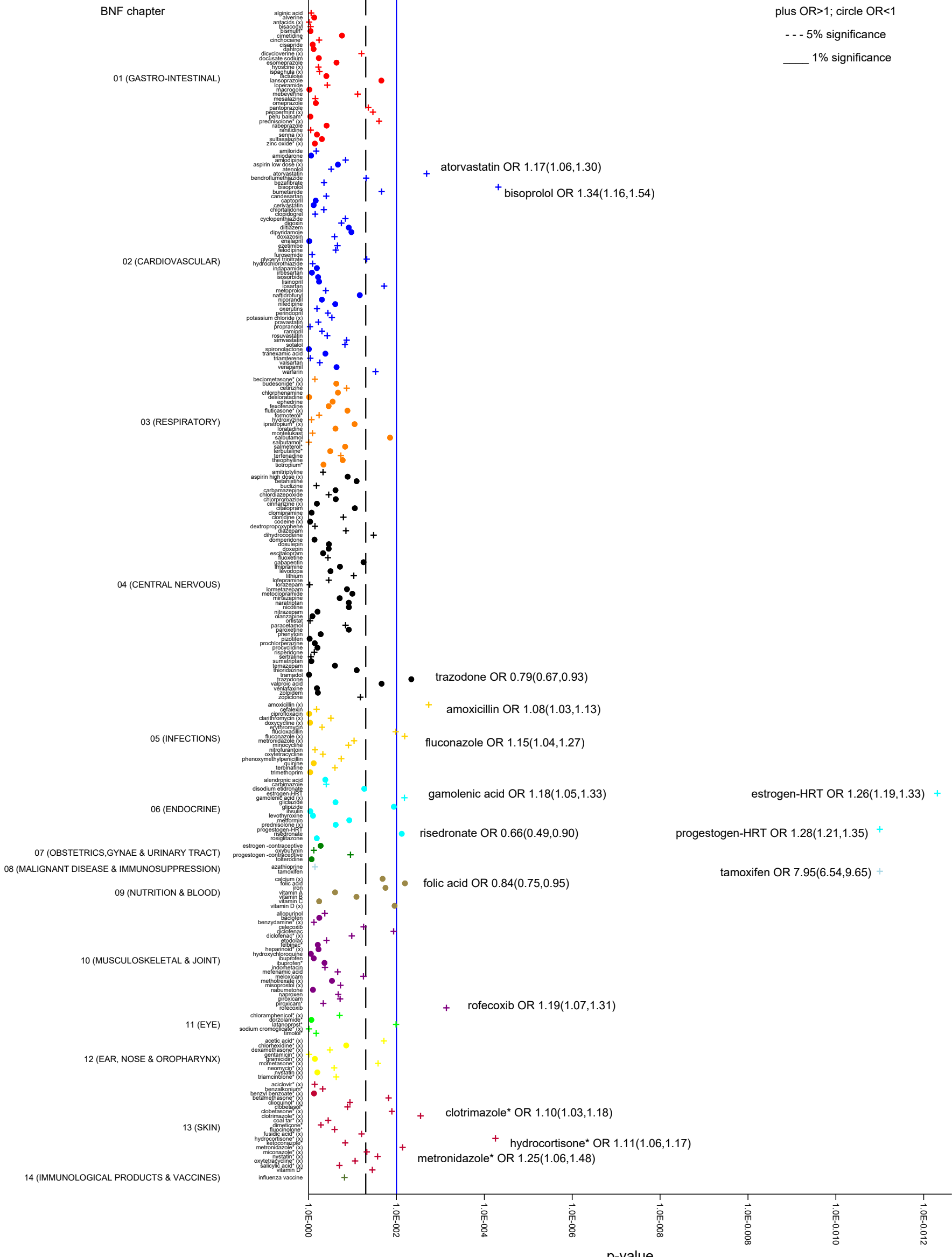
### **Index of Legends**

Fig S1: MWAS plots for comorbidity adjusted analyses: exposure any prescription

Fig S2: MWAS plots for comorbidity & smoking adjusted analyses: exposure any prescription

Fig S1: MWAS plots for comorbidity adjusted analyses: exposure any prescription

MWAS plot: breast cancer  
Comorbidity adjusted analysis (exposure any prescription)



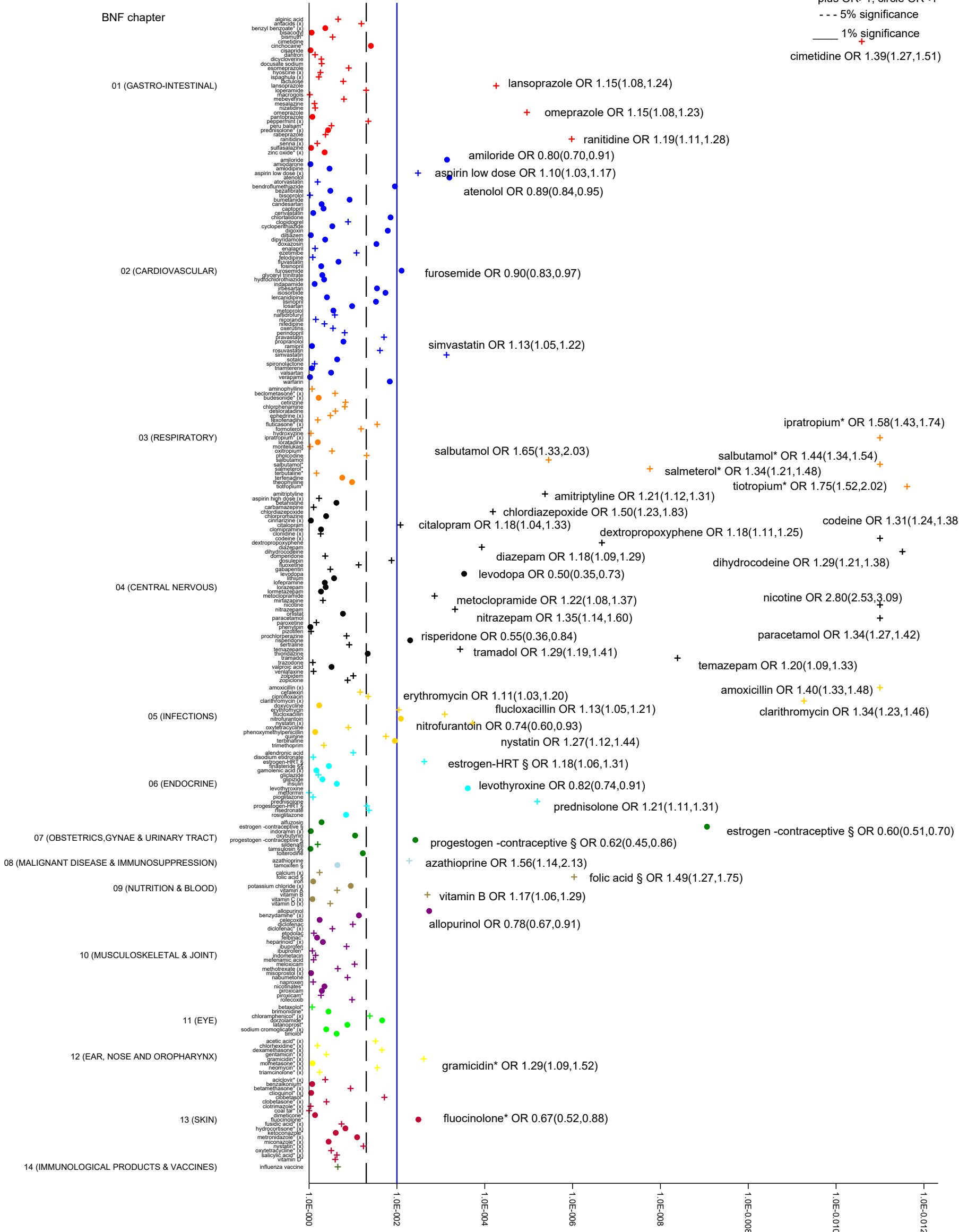
\* : local medicine; females only included in this analysis; (l): local; (x) most prevalent chapter

# MWAS plot: lung cancer

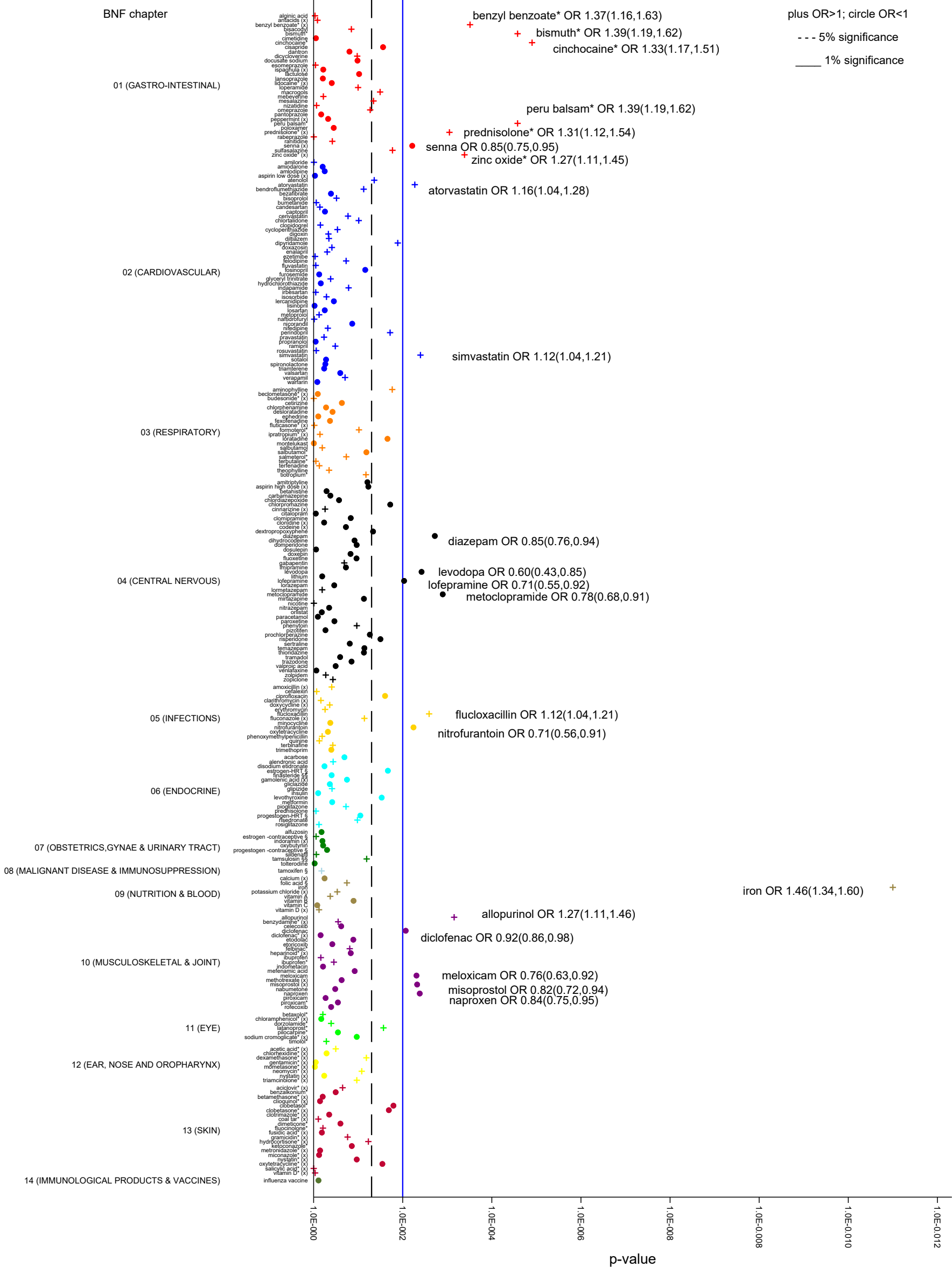
## Comorbidity adjusted analysis (exposure any prescription)

plus OR>1; circle OR<1  
 --- 5% significance  
 — 1% significance  
 +

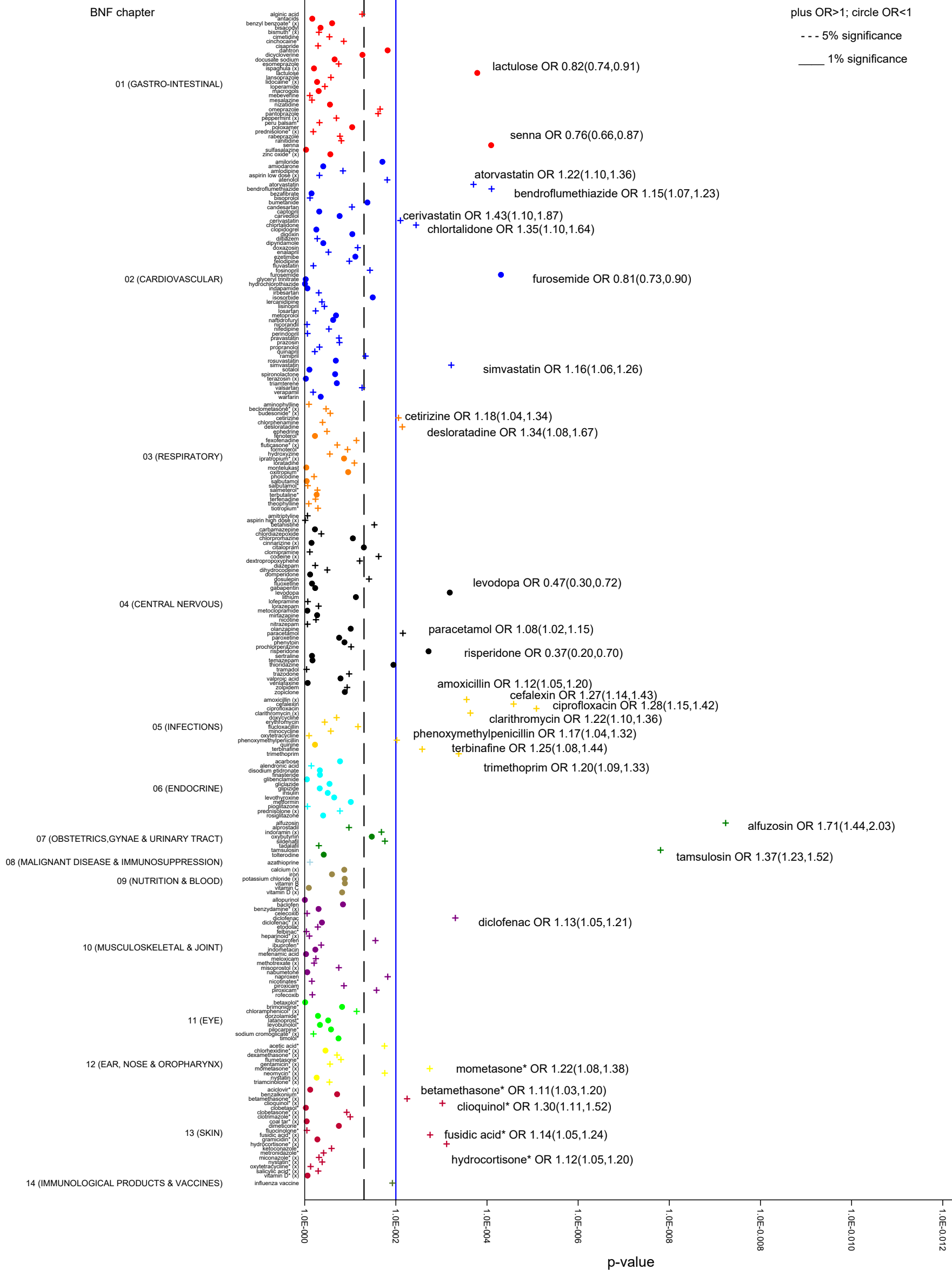
cimetidine OR 1.39(1.27,1.51)



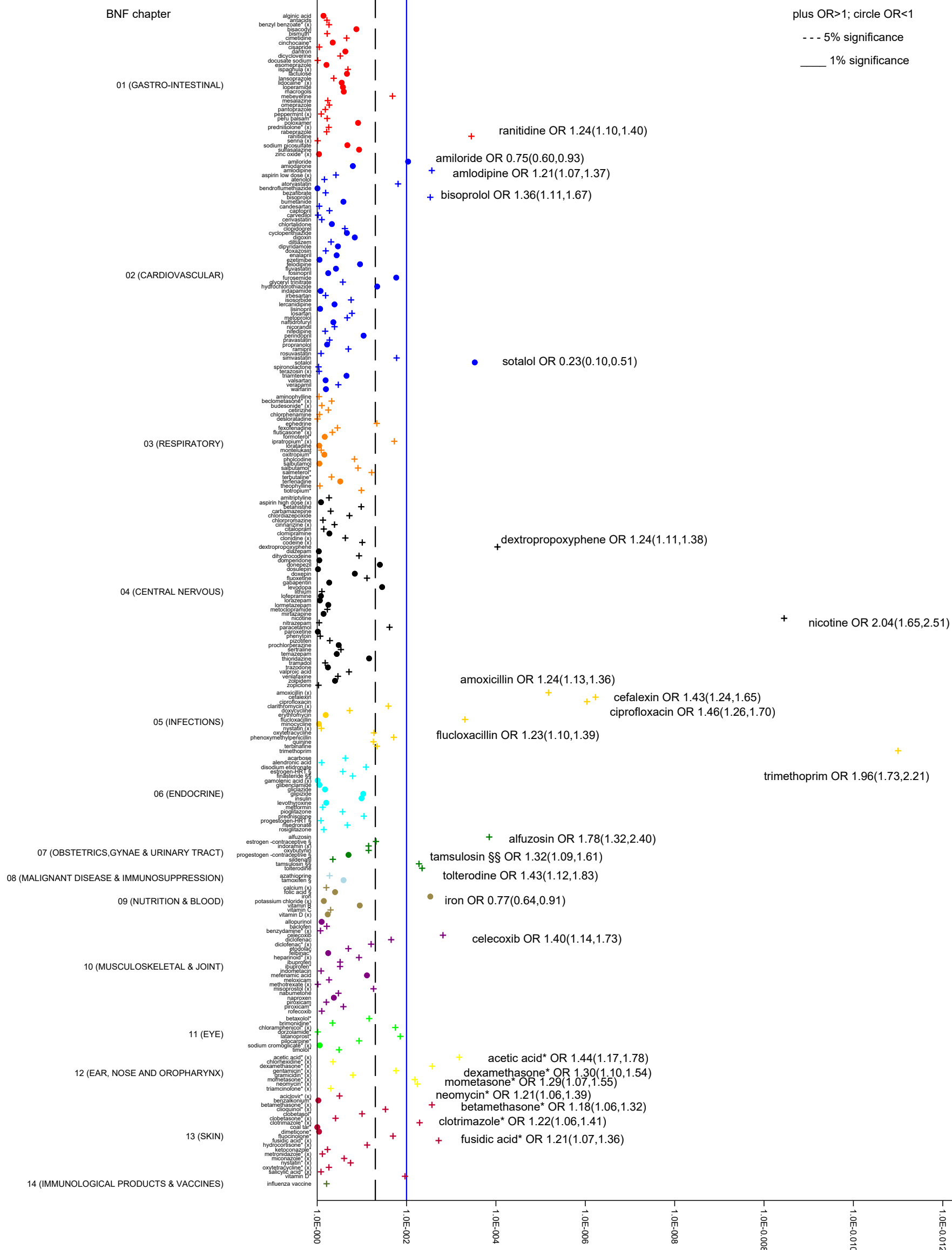
Comorbidity adjusted analysis (exposure any prescription)



MWAS plot: prostate cancer  
Comorbidity adjusted analysis (exposure any prescription)

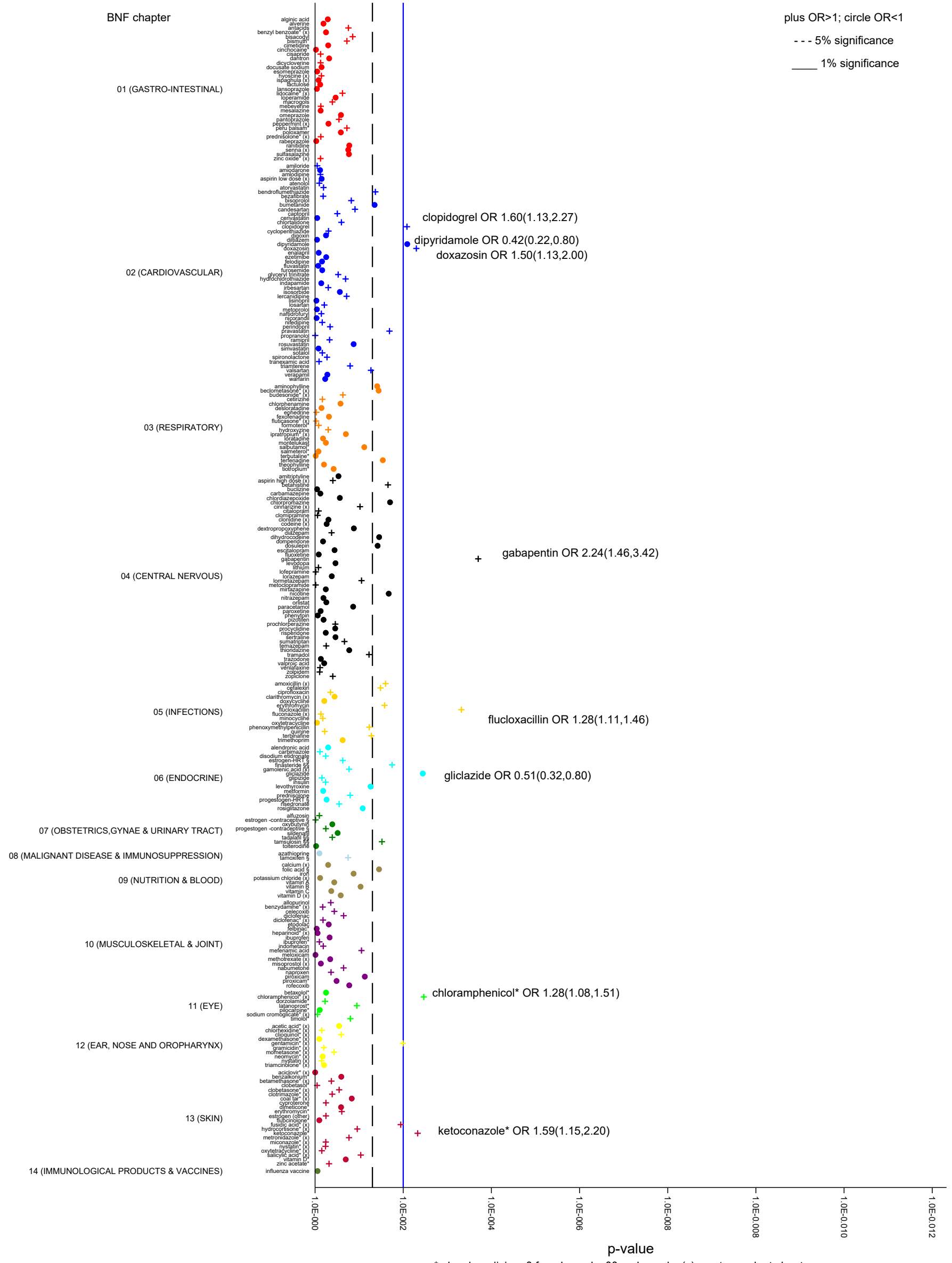


Comorbidity adjusted analysis (exposure any prescription)



\* : local medicine; § females only; §§ males only; (x) most prevalent chapter

MWAS plot: malignant melanoma  
Comorbidity adjusted analysis (exposure any prescription)

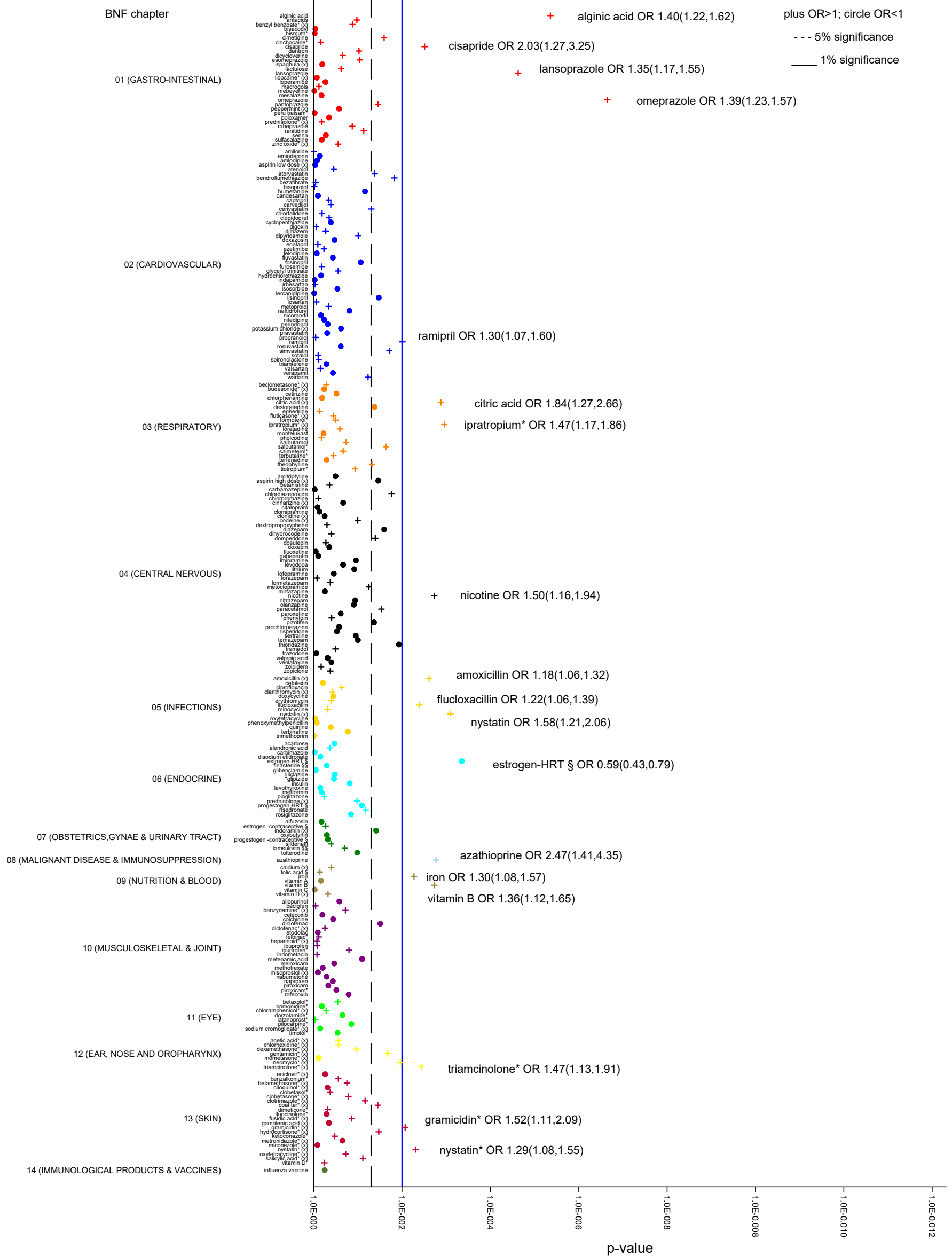


\* : local medicine; § females only; §§ males only; (x) most prevalent chapter



# MWAS plot: oesophageal cancer

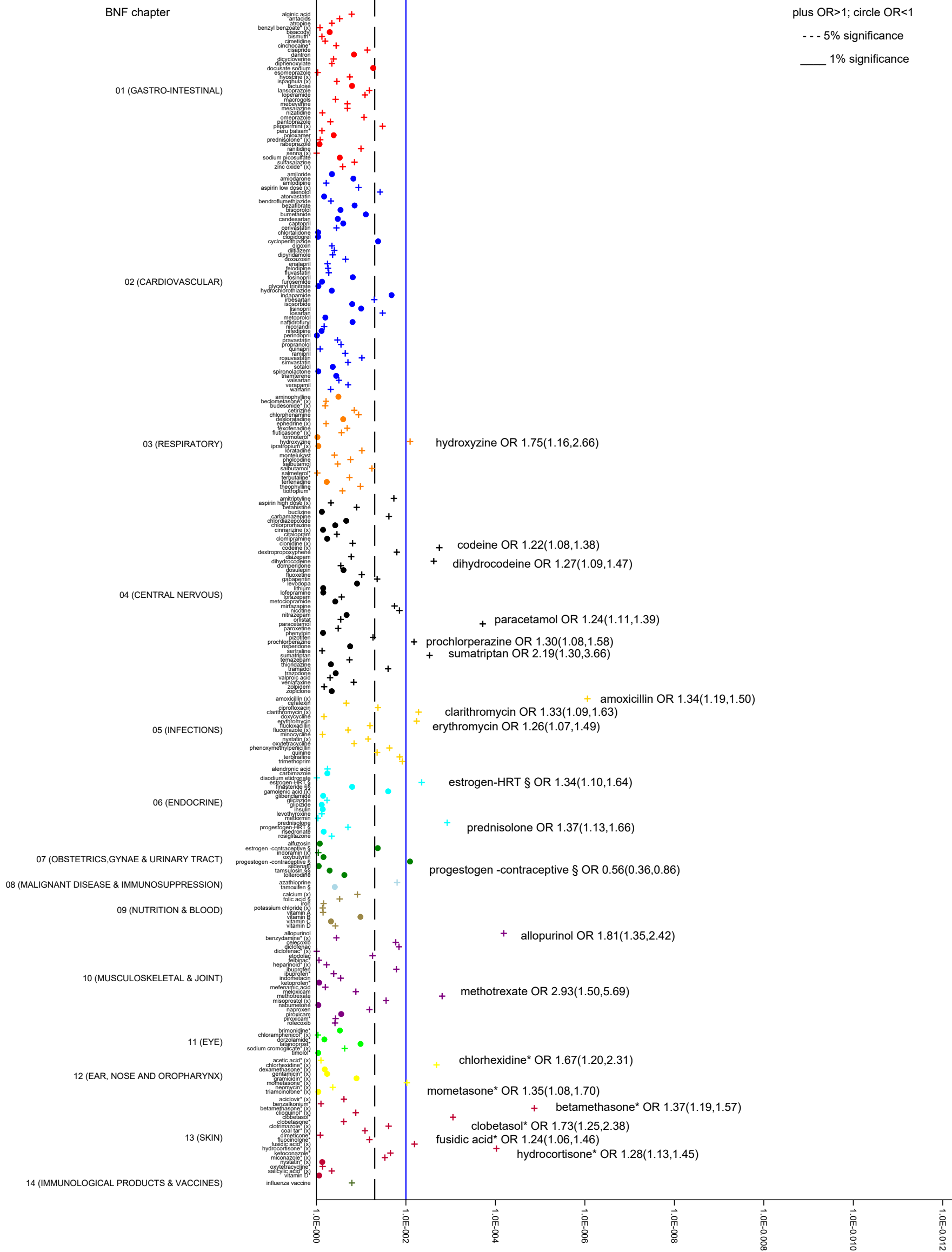
## Comorbidity adjusted analysis (exposure any prescription)



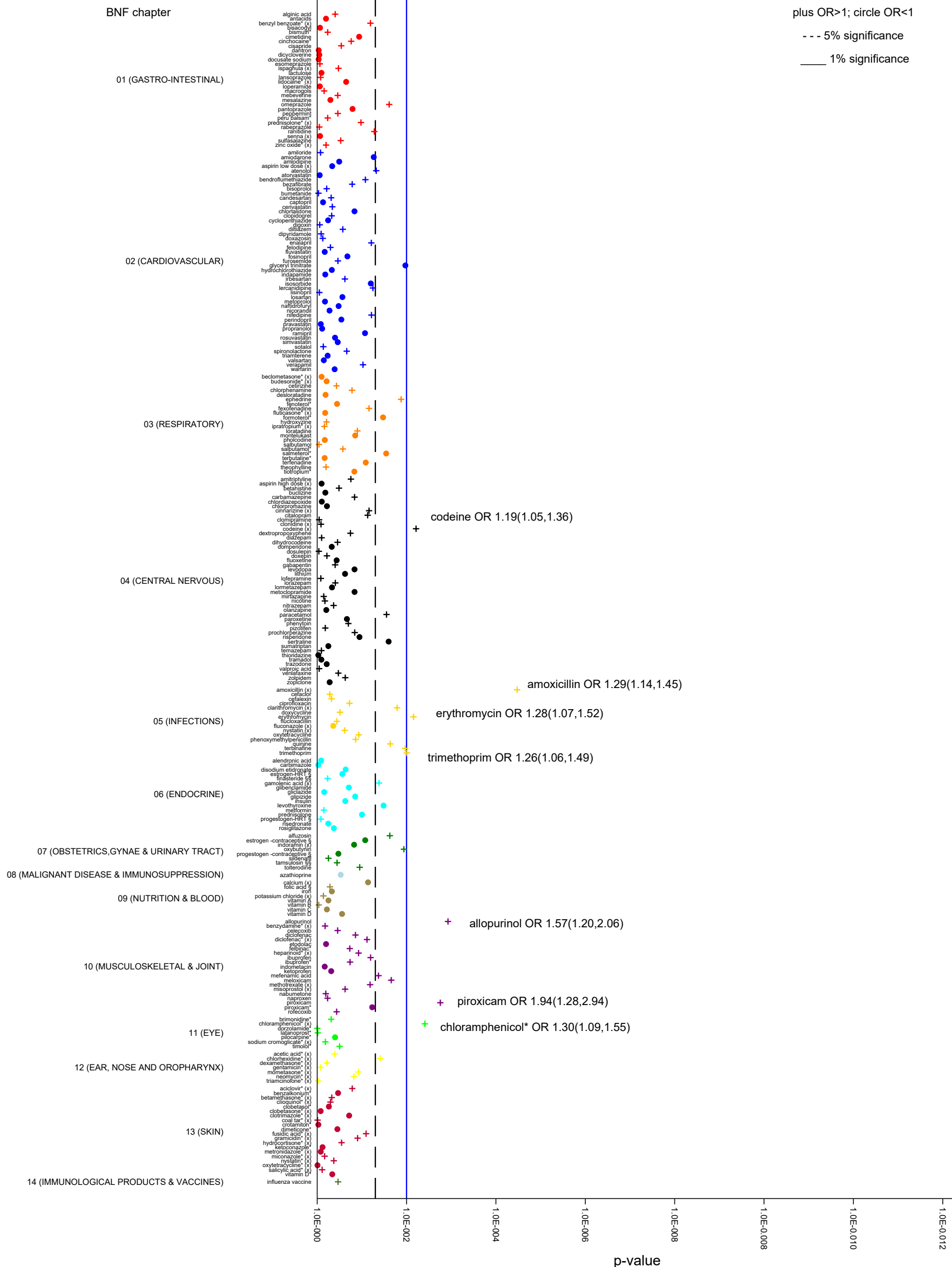
\* : local medicine; § females only; §§ males only; (x) most prevalent chapter

# MWAS plot: non-Hodgkin's lymphoma

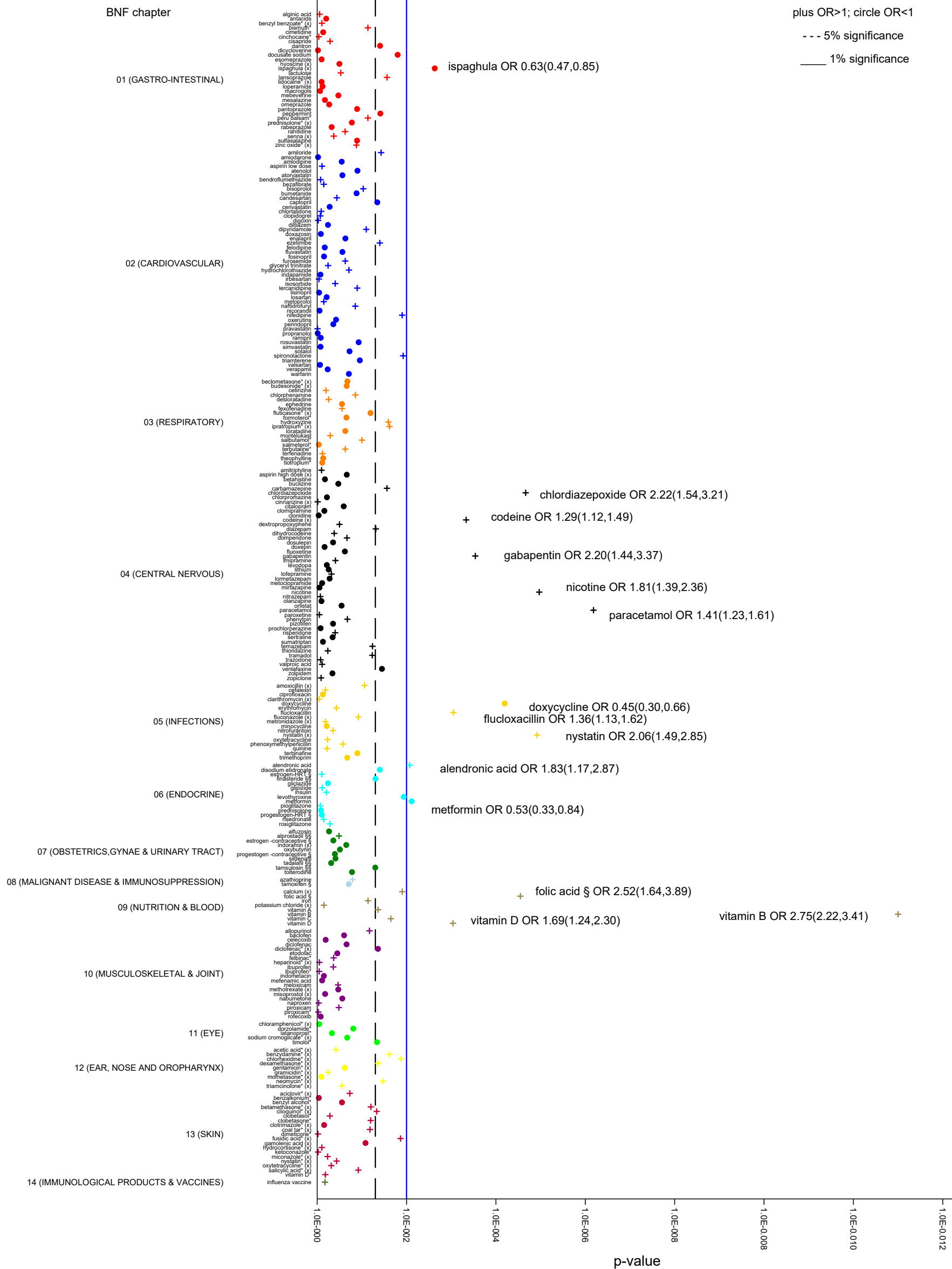
## Comorbidity adjusted analysis (exposure any prescription)



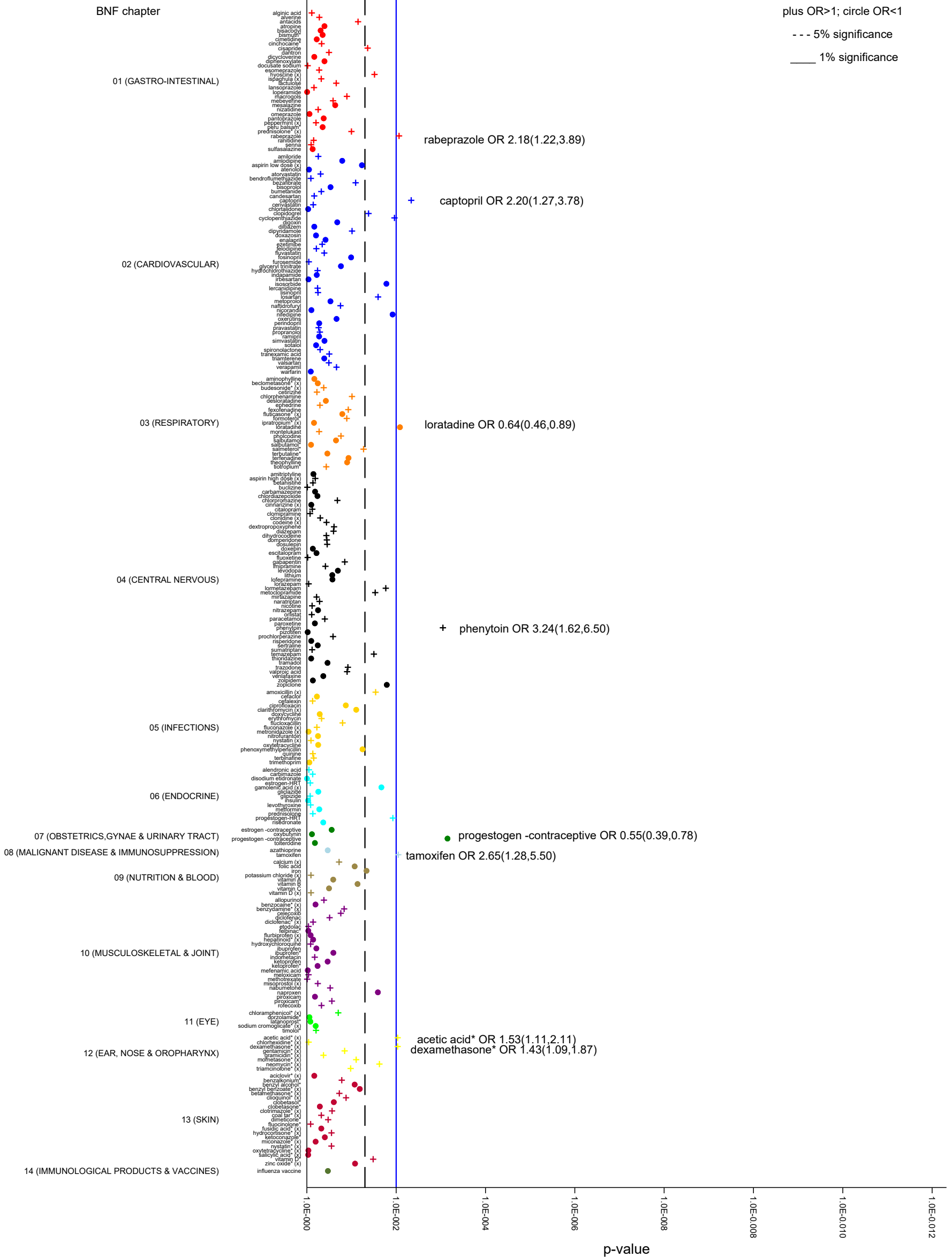
\* : local medicine; § females only; §§ males only; (x) most prevalent chapter



MWAS plot: oral (inc. head,neck & nasal) cancer  
Comorbidity adjusted analysis (exposure any prescription)

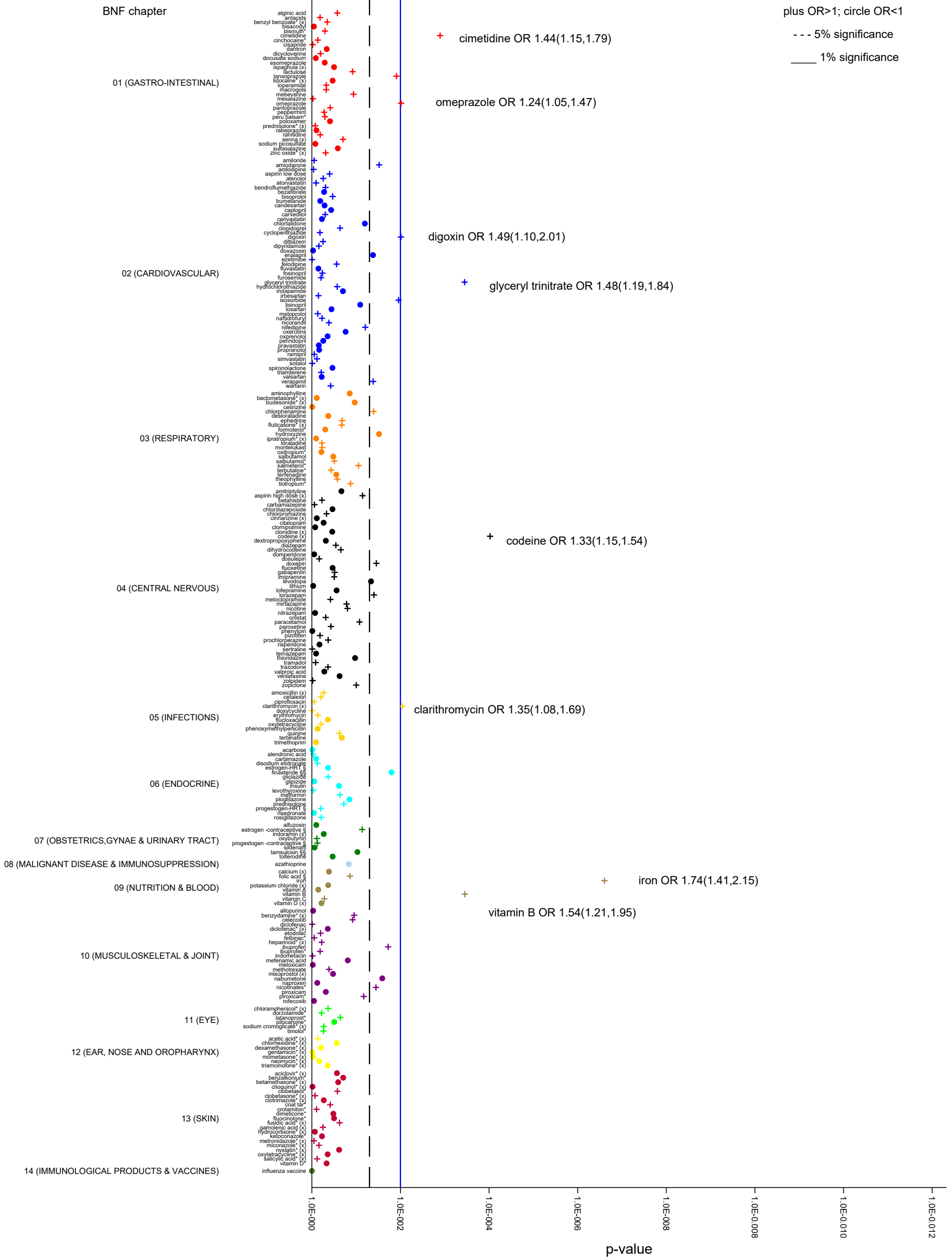


Comorbidity adjusted analysis (exposure any prescription)



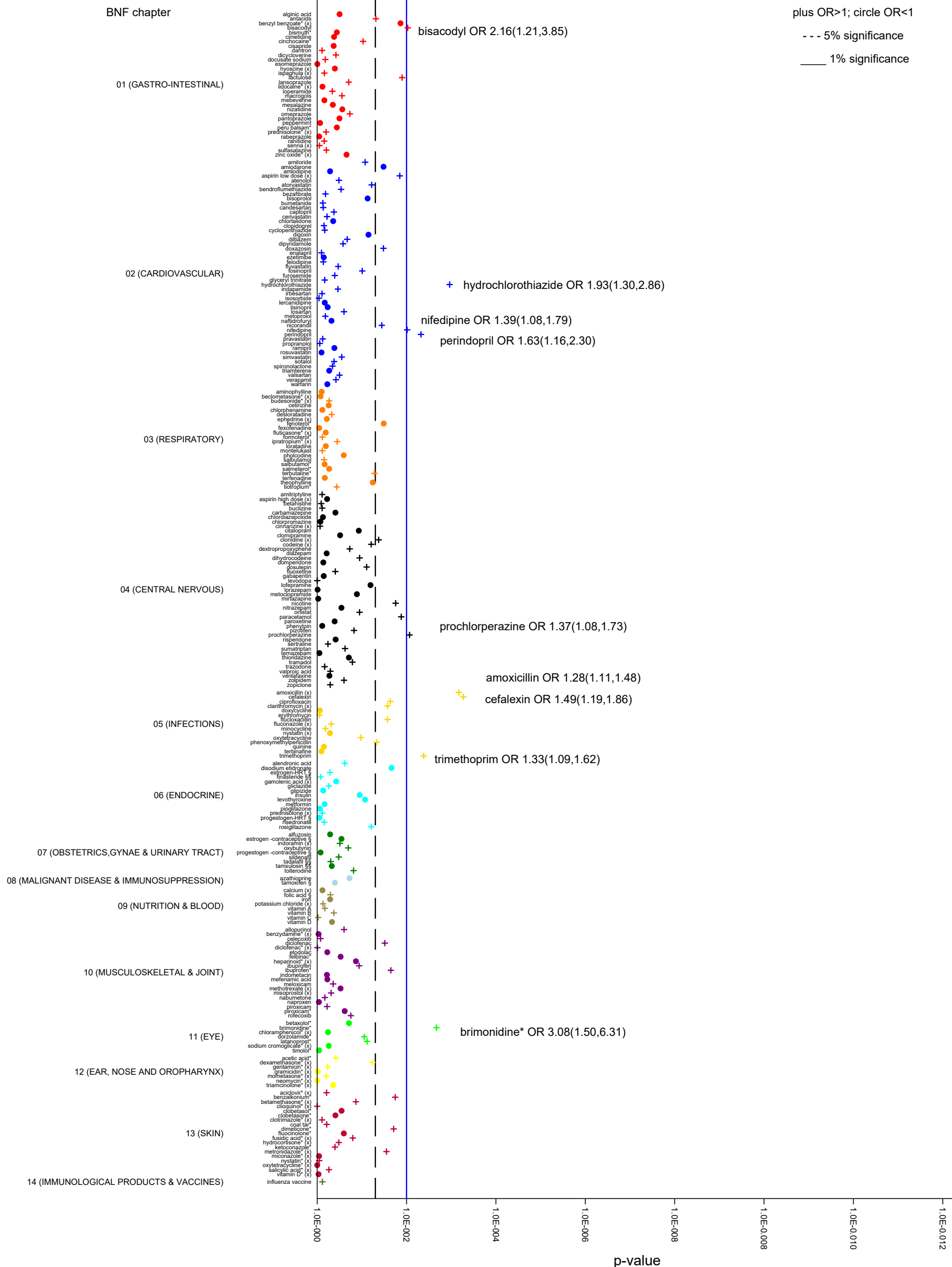
\* : local medicine; females only included in this analysis; (l): local; (x) most prevalent chapter

# MWAS plot: stomach cancer Comorbidity adjusted analysis (exposure any prescription)

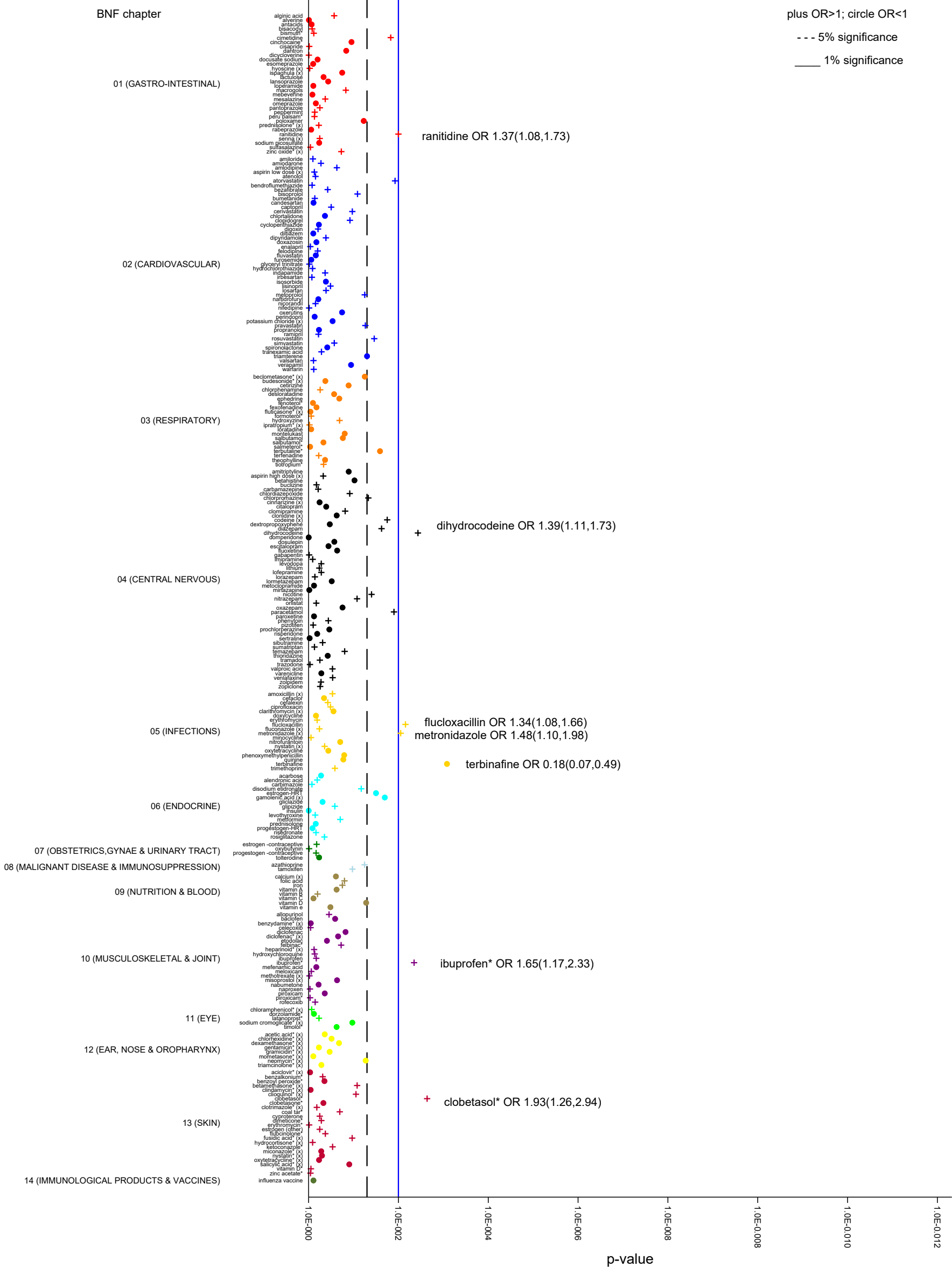


\* : local medicine; § females only; §§ males only; (x) most prevalent chapter

MWAS plot: kidney cancer  
Comorbidity adjusted analysis (exposure any prescription)



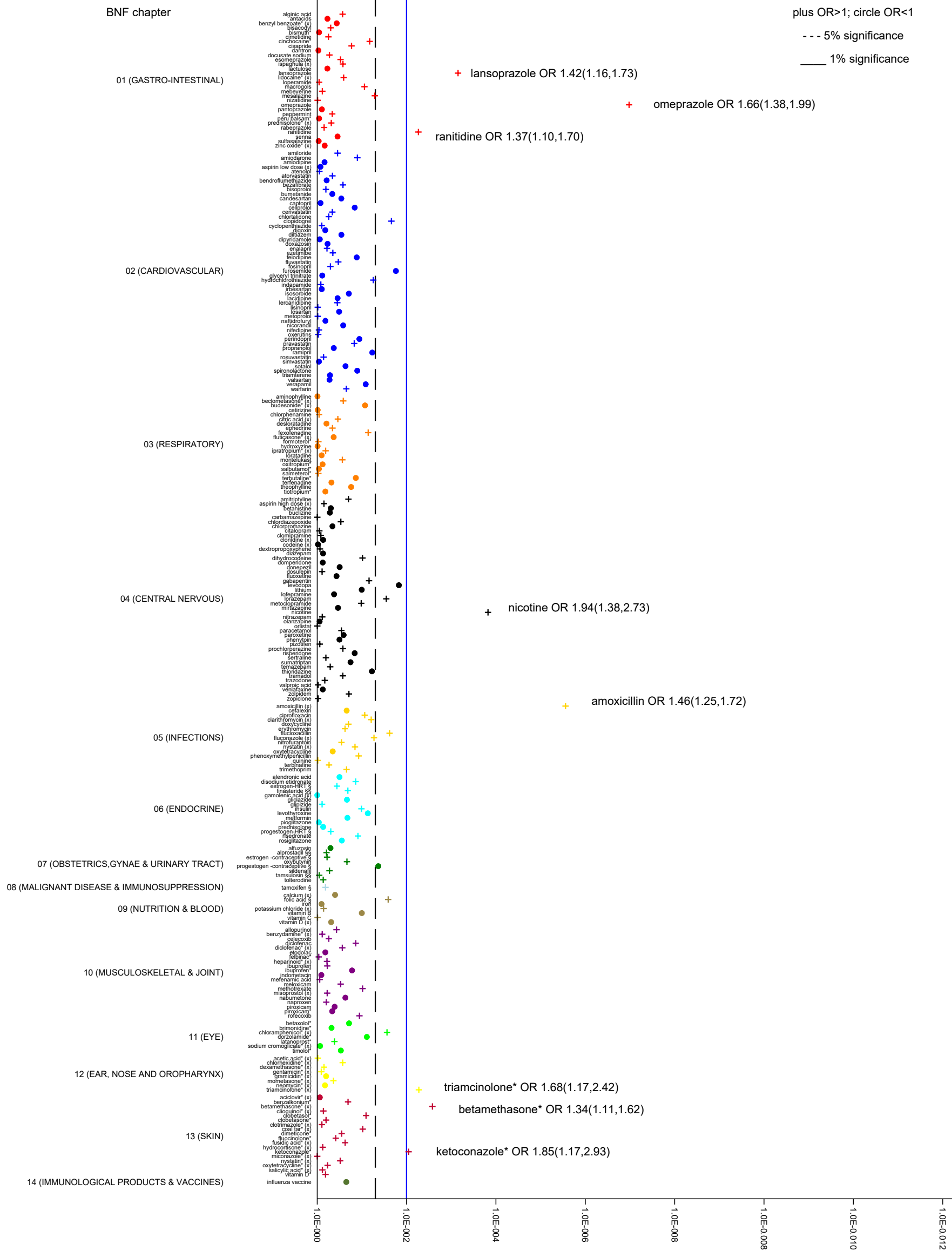
MWAS plot: cervical & other gynae cancer  
Comorbidity adjusted analysis (exposure any prescription)



\* : local medicine; females only included in this analysis; (l): local; (x) most prevalent chapter

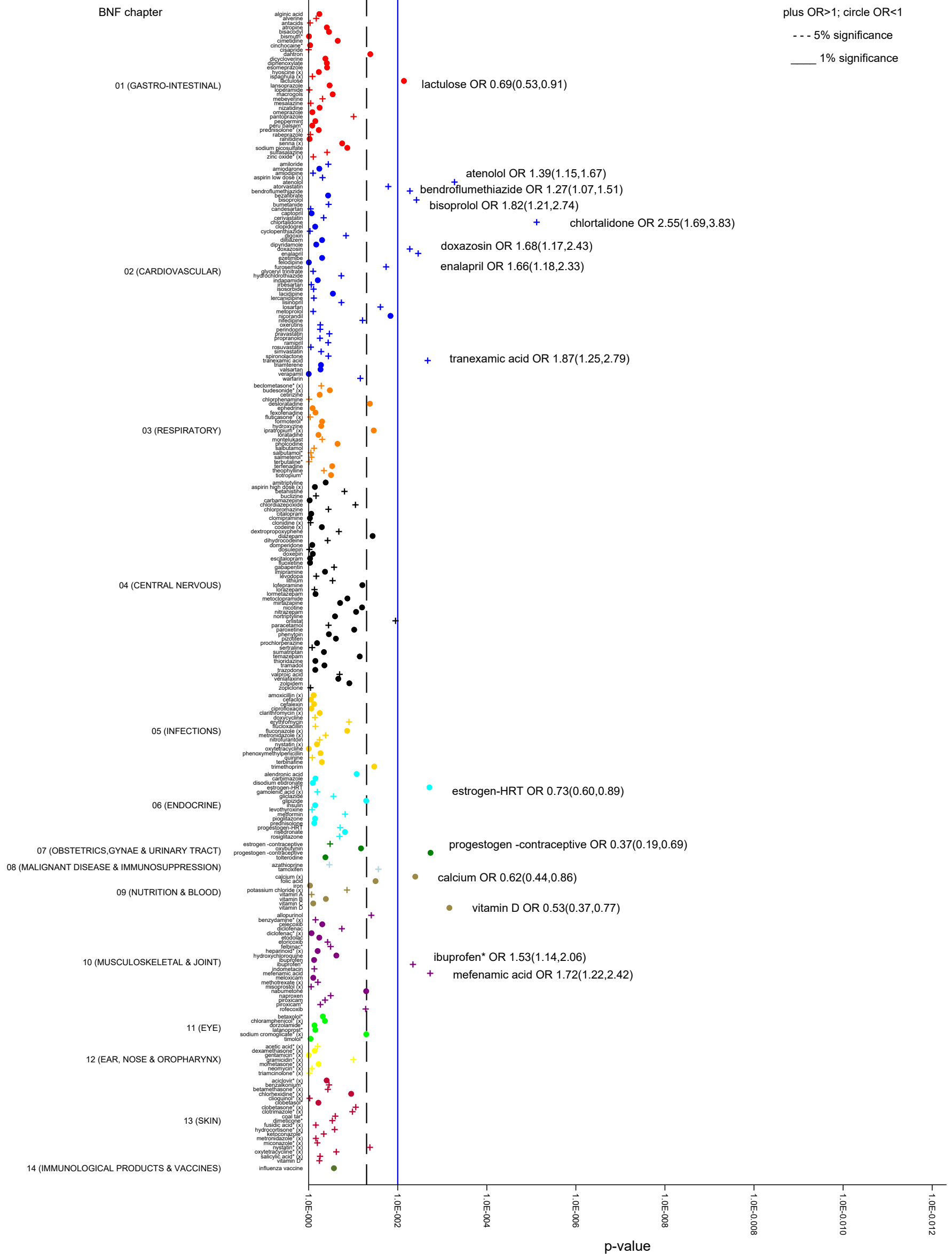


Forest plot: pancreatic cancer  
Comorbidity adjusted analysis (exposure any prescription)



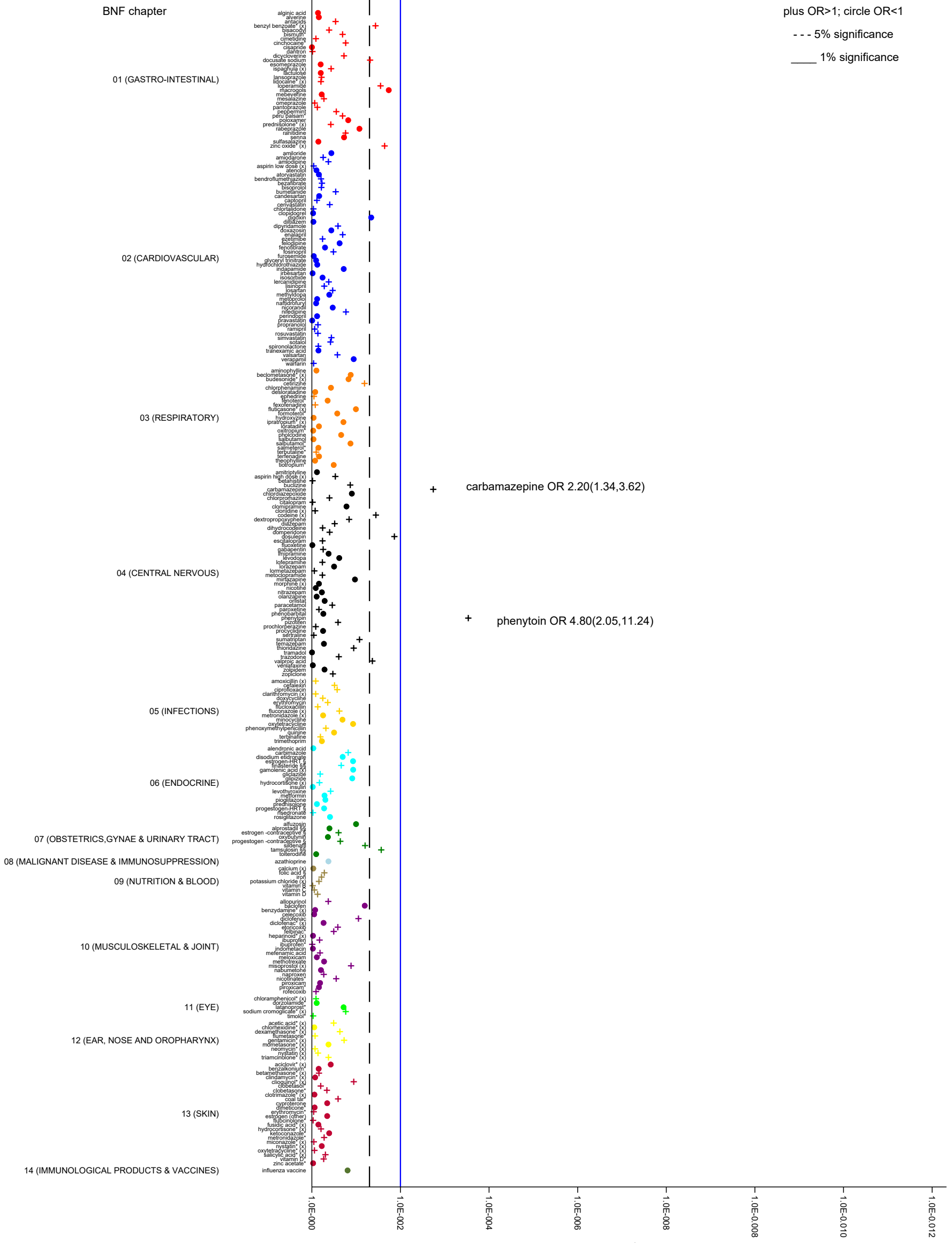
\* : local medicine; § females only; §§ males only; (x) most prevalent chapter

Comorbidity adjusted analysis (exposure any prescription)



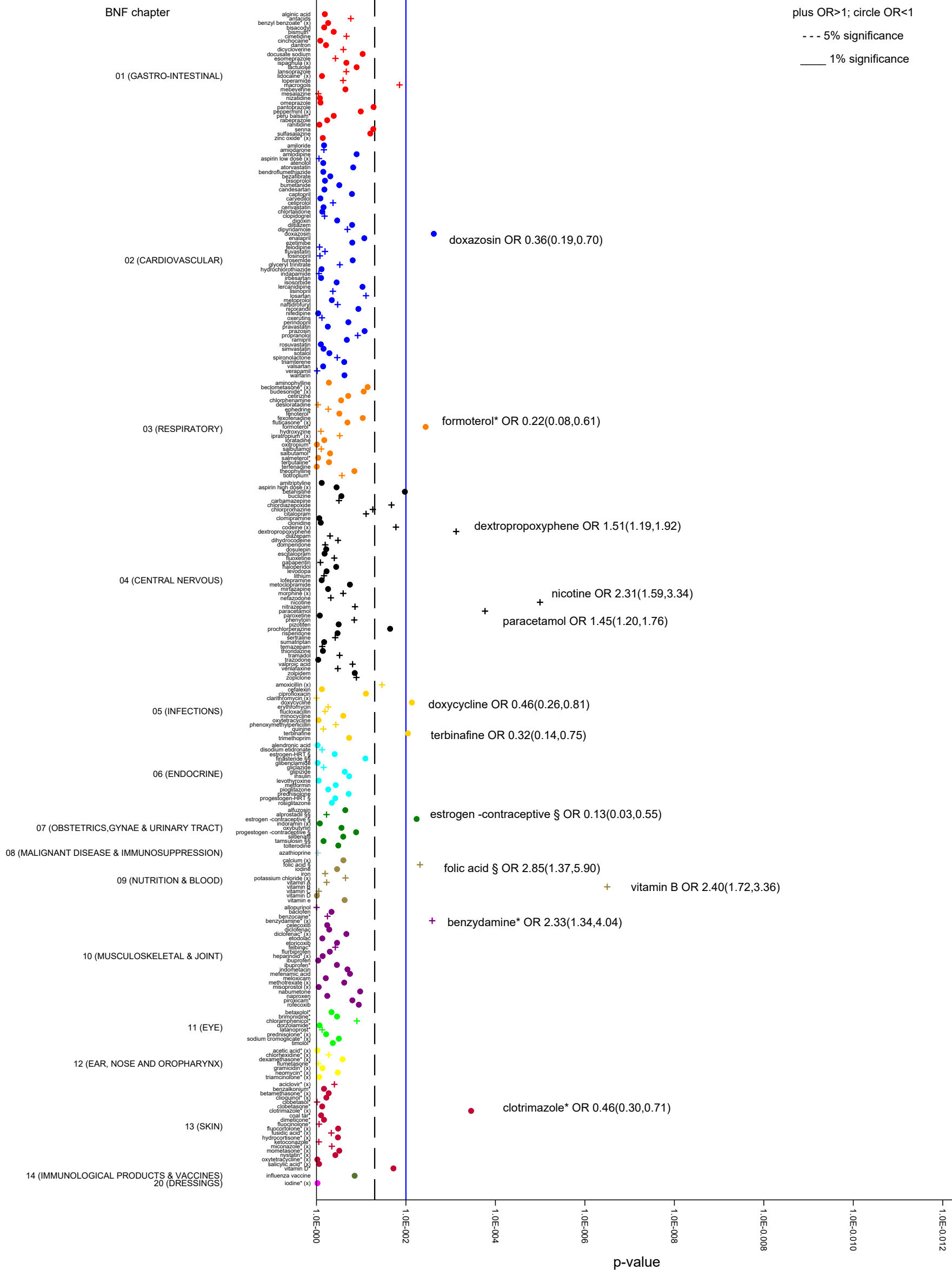
\* : local medicine; females only included in this analysis; (l): local; (x) most prevalent chapter

MWAS plot: cancer of the brain and central nervous system  
Comorbidity adjusted analysis (exposure any prescription)



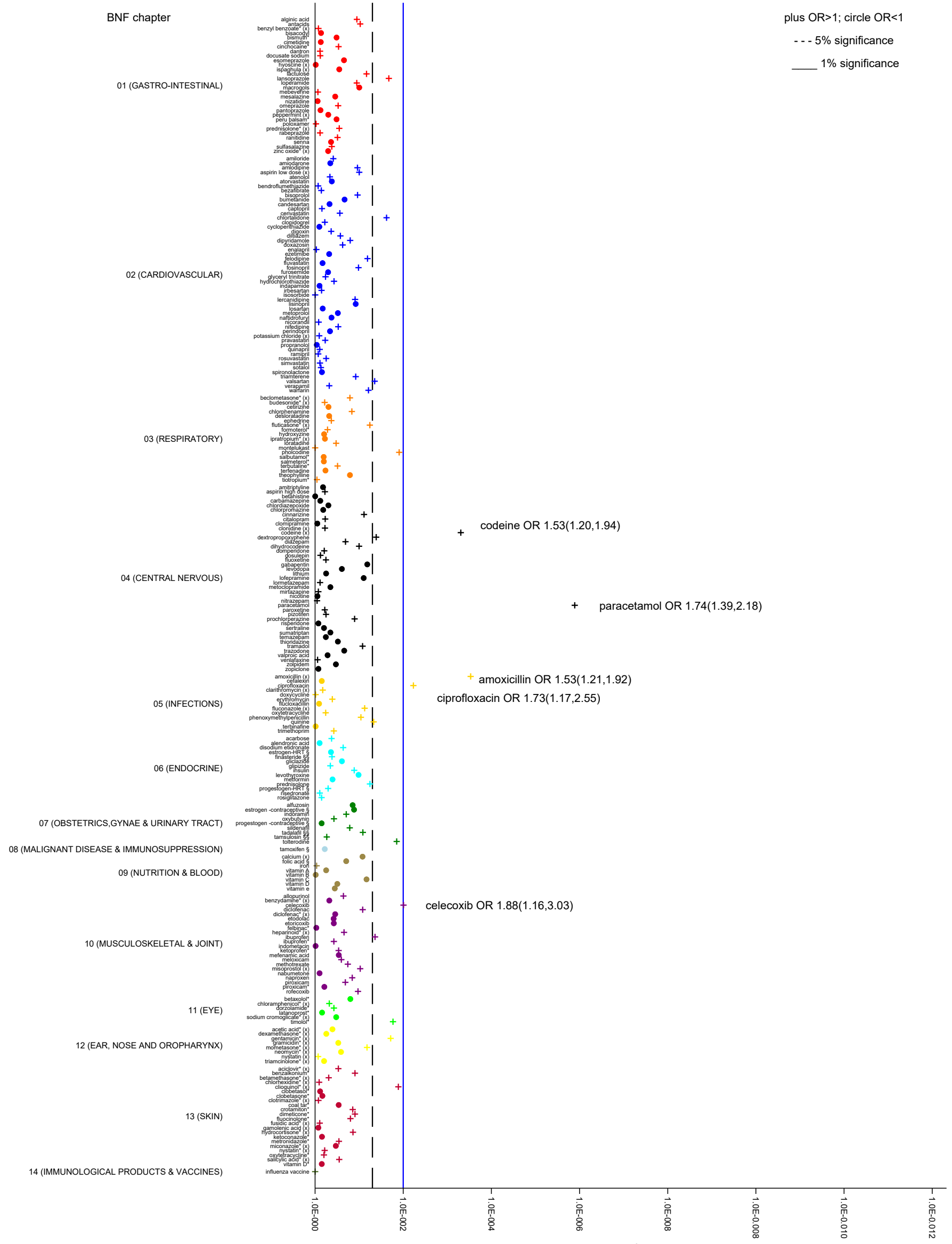
\* : local medicine; § females only; §§ males only; (x) most prevalent chapter

Comorbidity adjusted analysis (exposure any prescription)



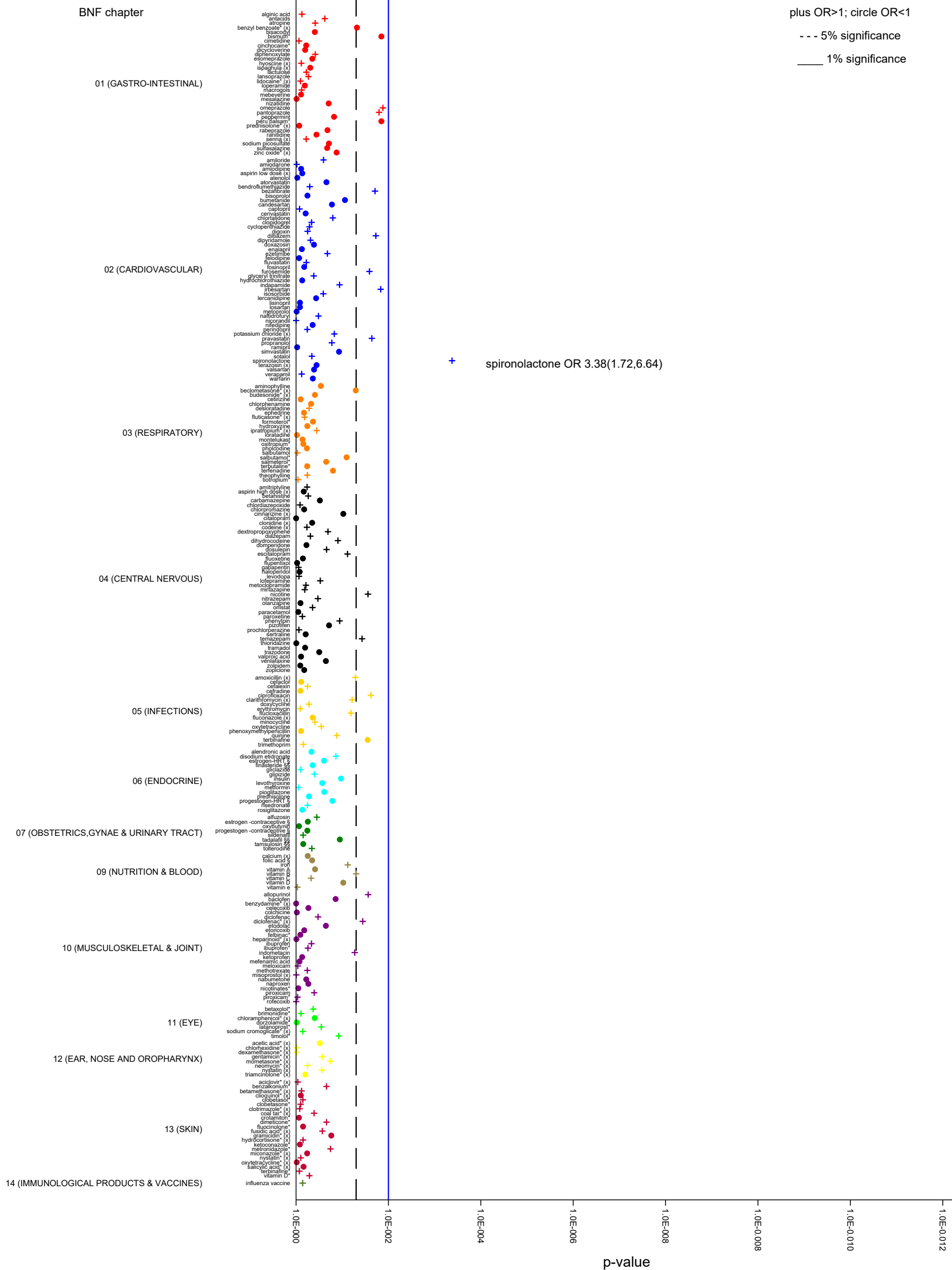
\* : local medicine; § females only; §§ males only; (x) most prevalent chapter

MWAS plot: multiple myeloma  
Comorbidity adjusted analysis (exposure any prescription)

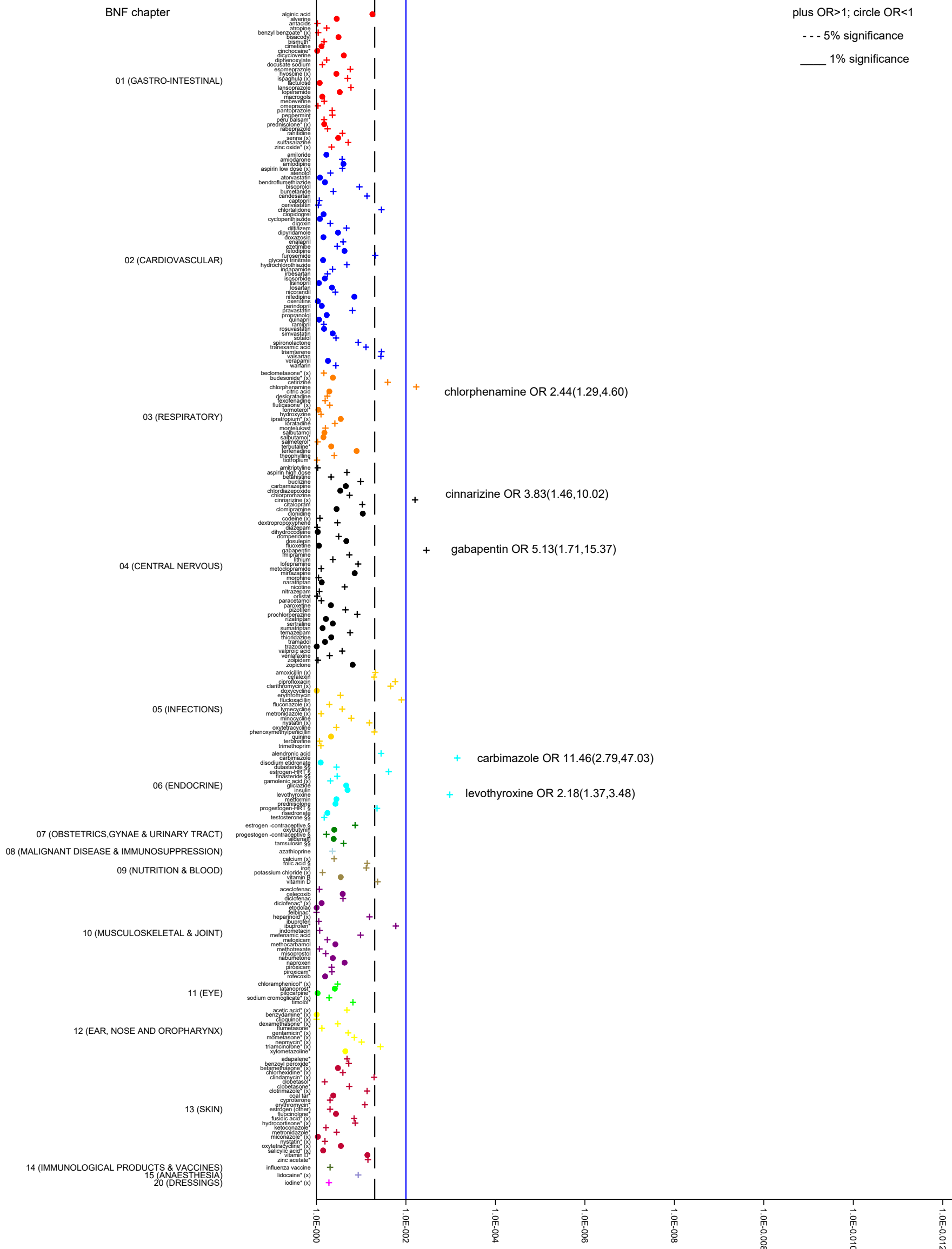


\* : local medicine; § females only; §§ males only; (x) most prevalent chapter

# MWAS plot: liver cancer Comorbidity adjusted analysis (exposure any prescription)



MWAS plot: thyroid cancer  
Comorbidity adjusted analysis (exposure any prescription)



\* : local medicine; § females only; §§ males only; (x) most prevalent chapter

Comorbidity adjusted analysis (exposure any prescription)

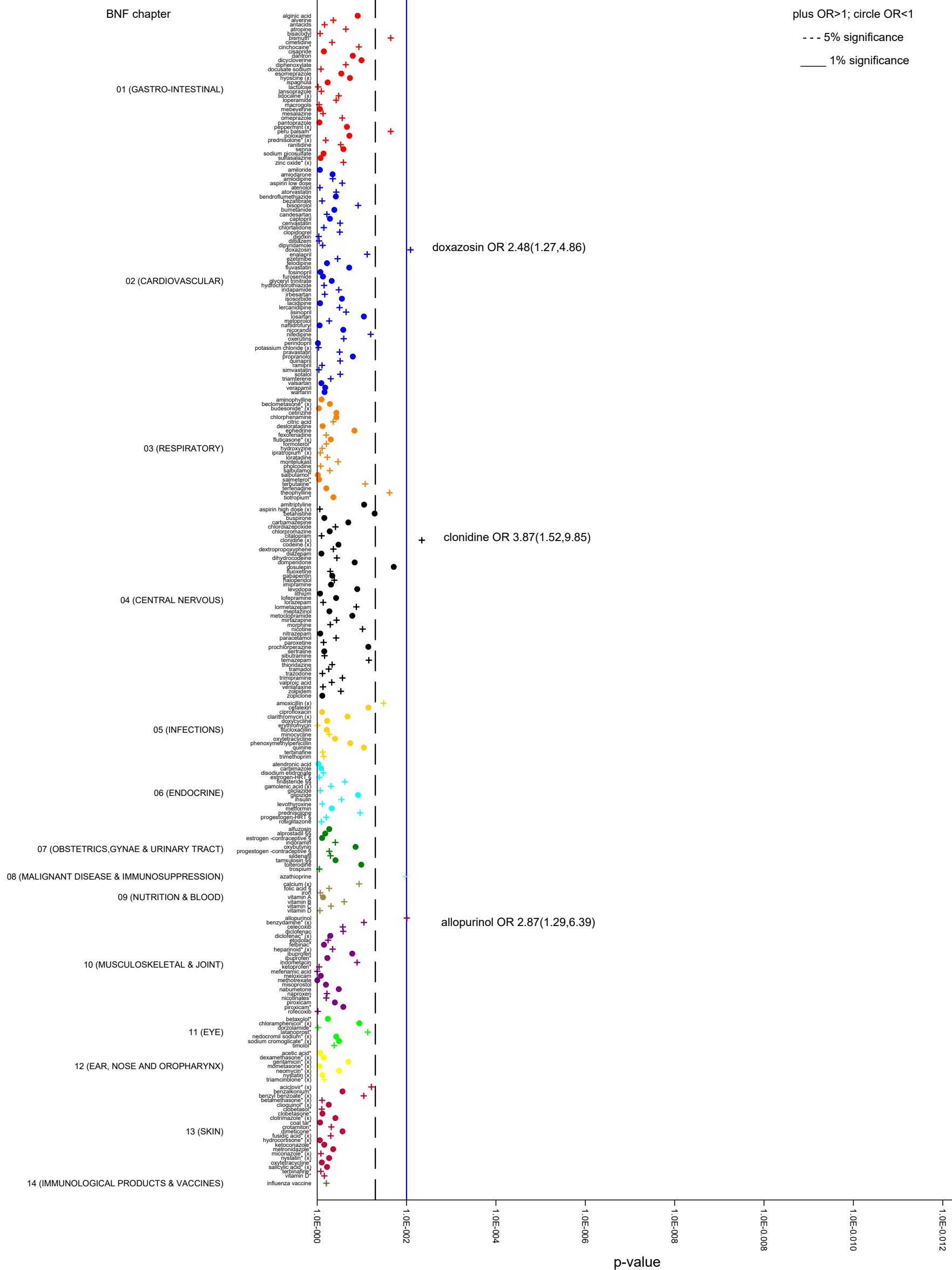




Fig S2: MWAS plots for comorbidity & smoking adjusted analyses: exposure any prescription

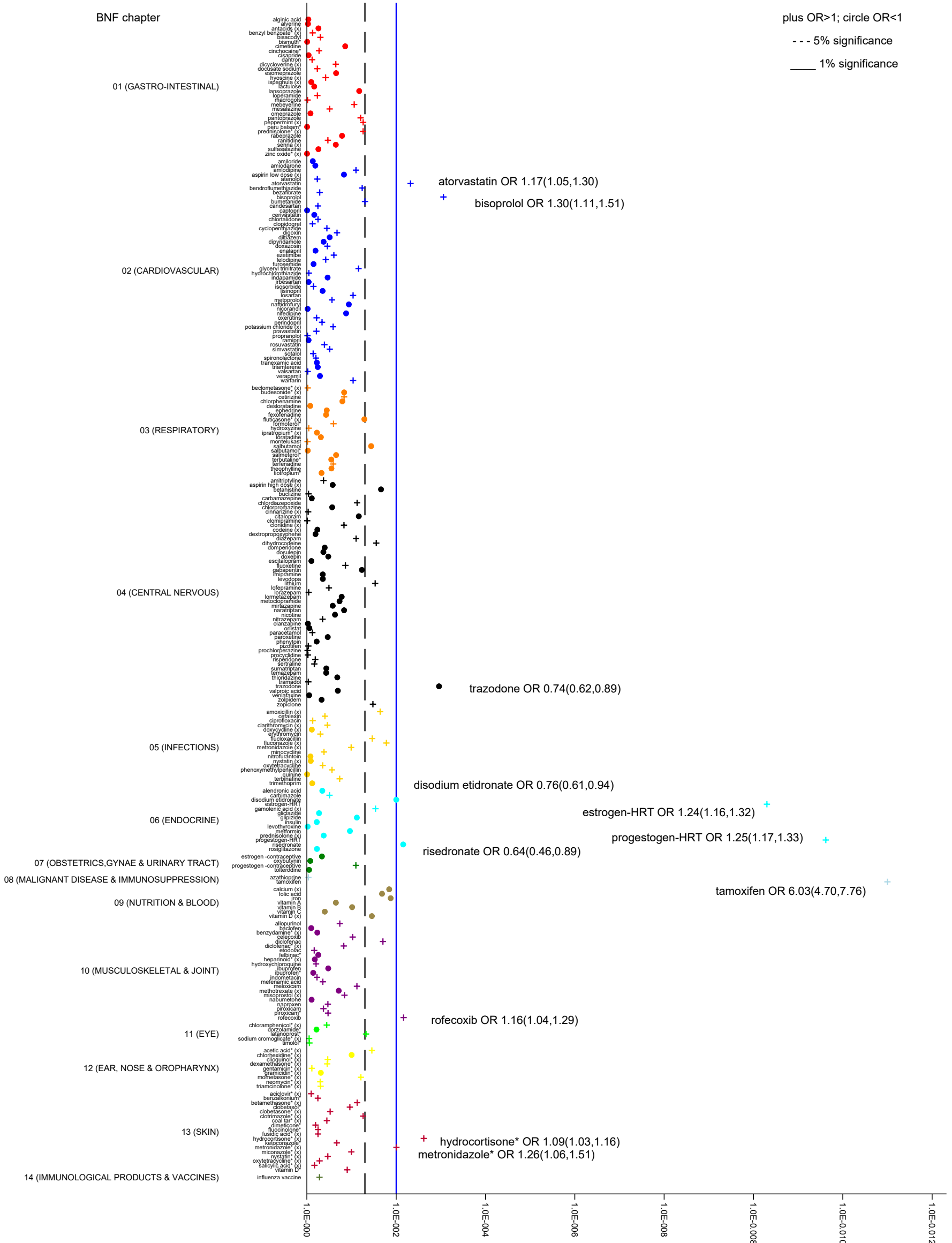
Comorbidity & smoking adjusted analysis (exposure any prescription)

BNF chapter

plus OR>1; circle OR<1

- - - 5% significance

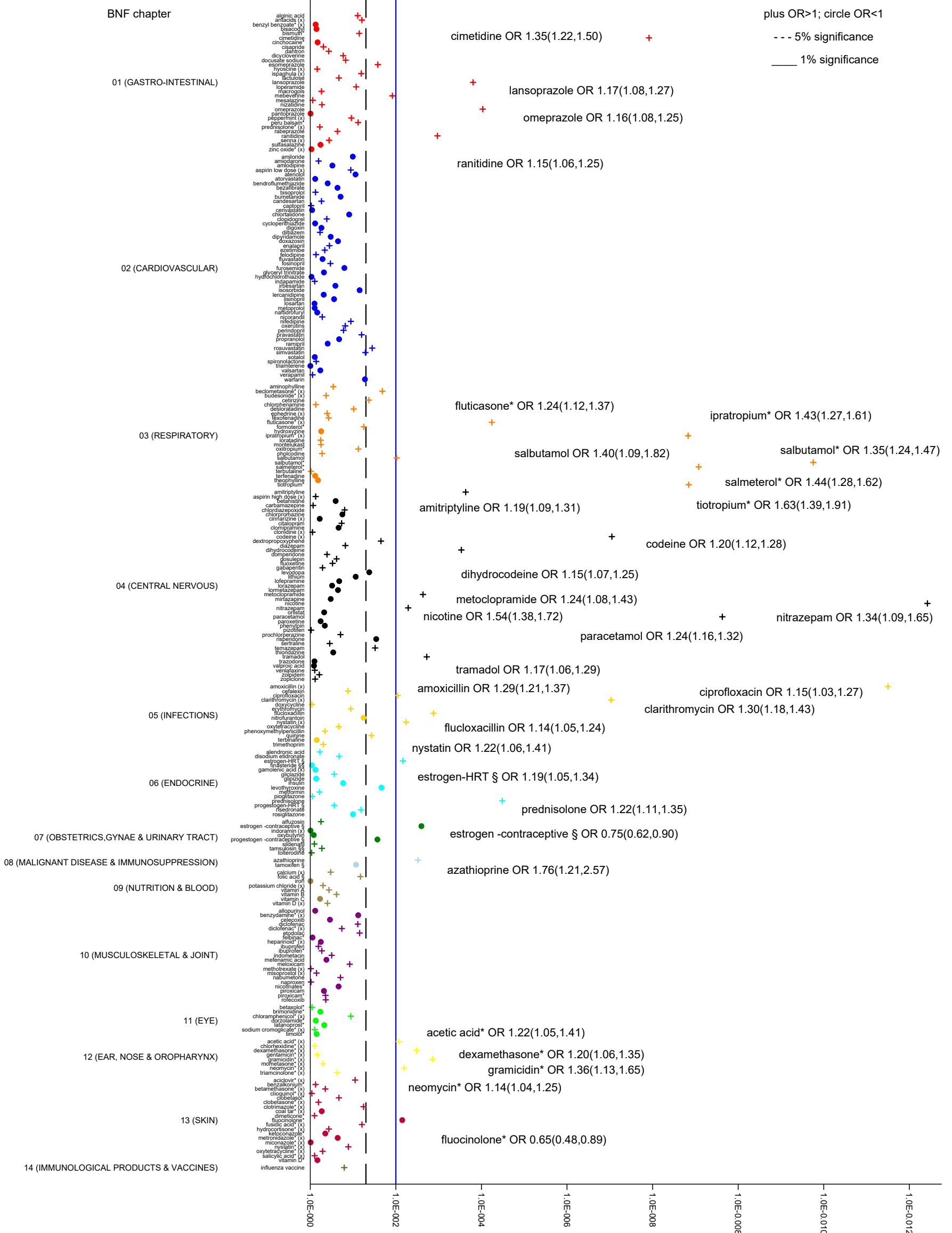
\_\_\_\_\_ 1% significance



\* : local medicine; females only included in this analysis; (l): local; (x) most prevalent chapter

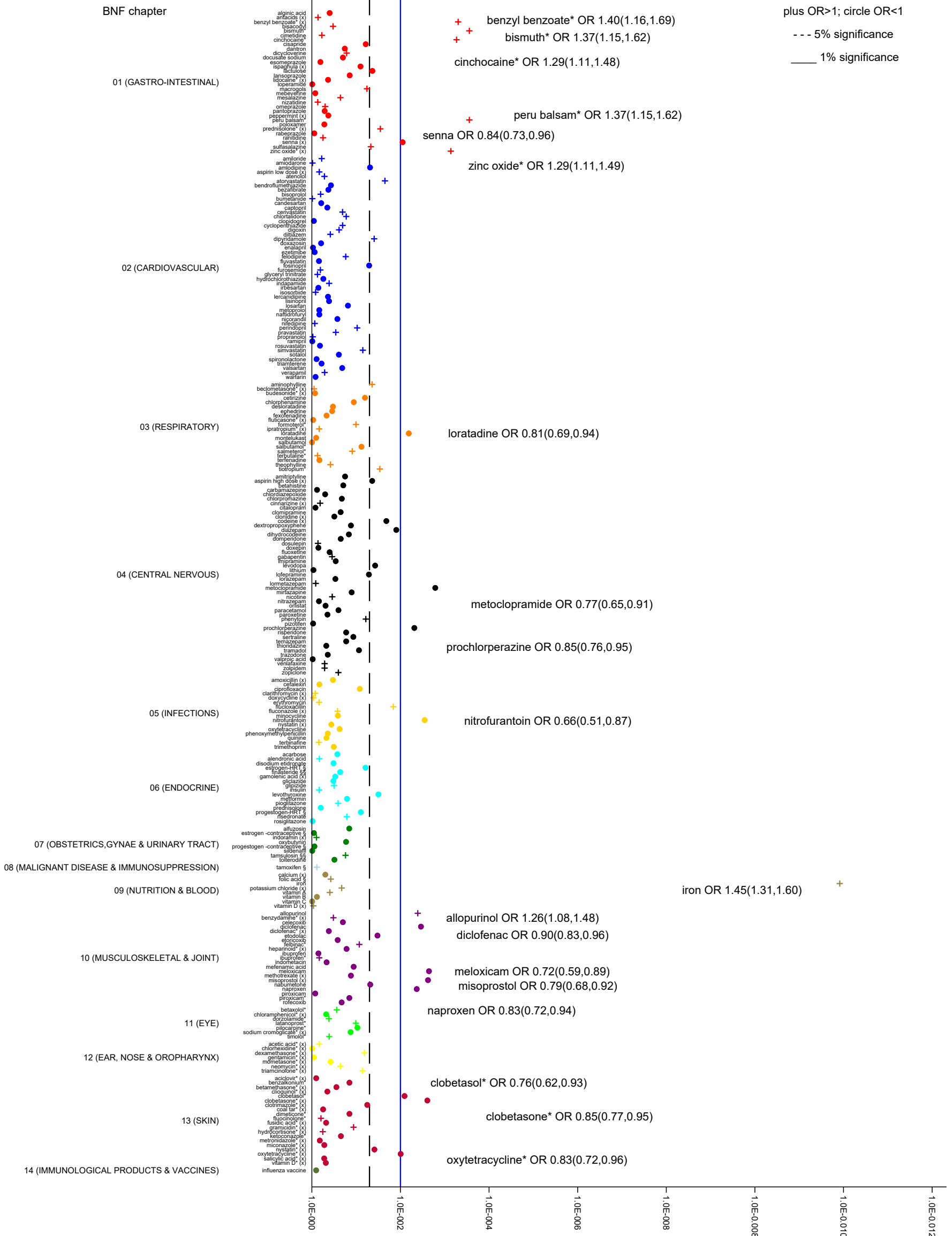
# MWAS plot: lung cancer

## Comorbidity & smoking adjusted analysis (exposure any prescription)



MWAS plot: colorectal cancer

Comorbidity & smoking adjusted analysis (exposure any prescription)



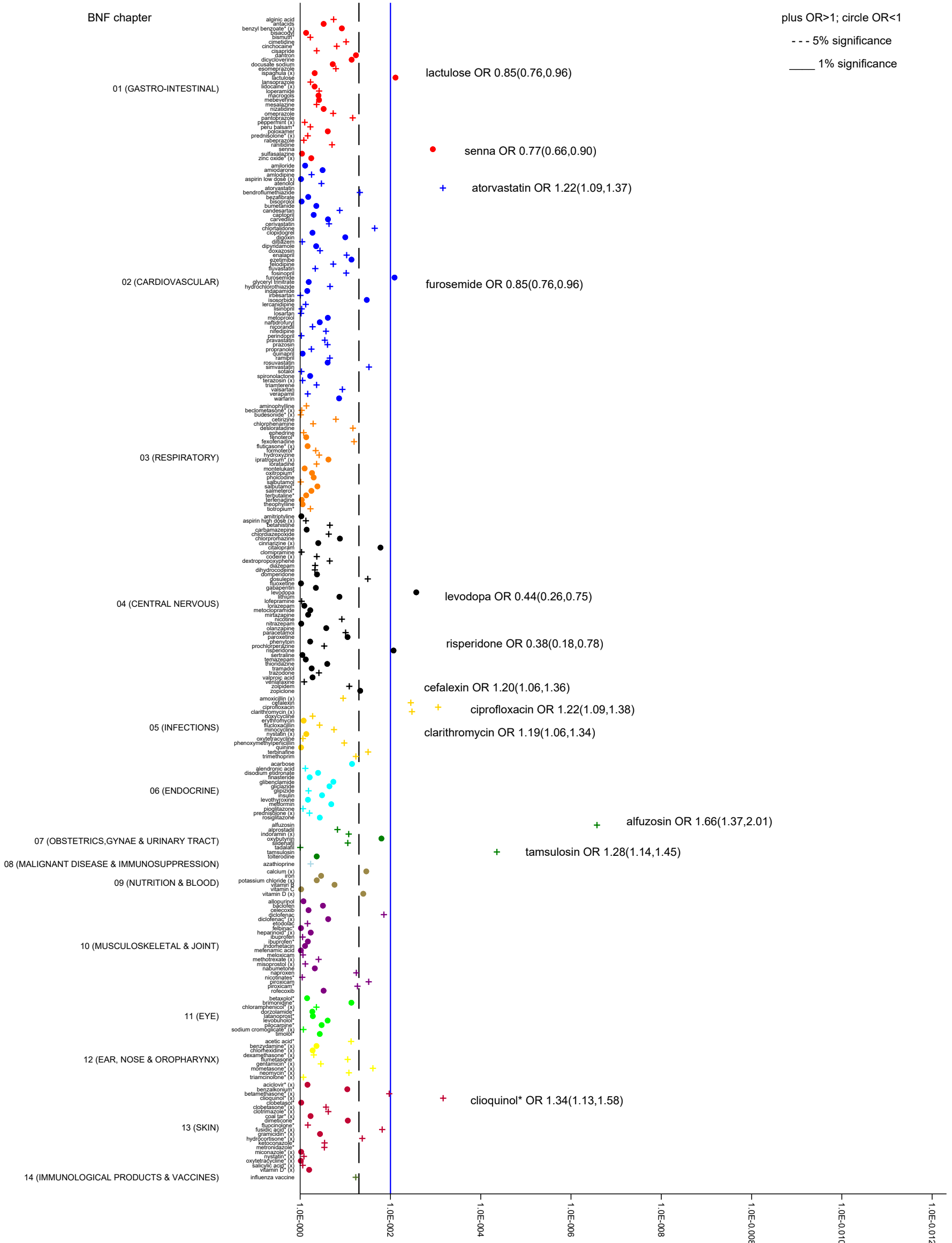
\* : local medicine; § females only; §§ males only; (x) most prevalent chapter

BNF chapter

plus OR>1; circle OR<1

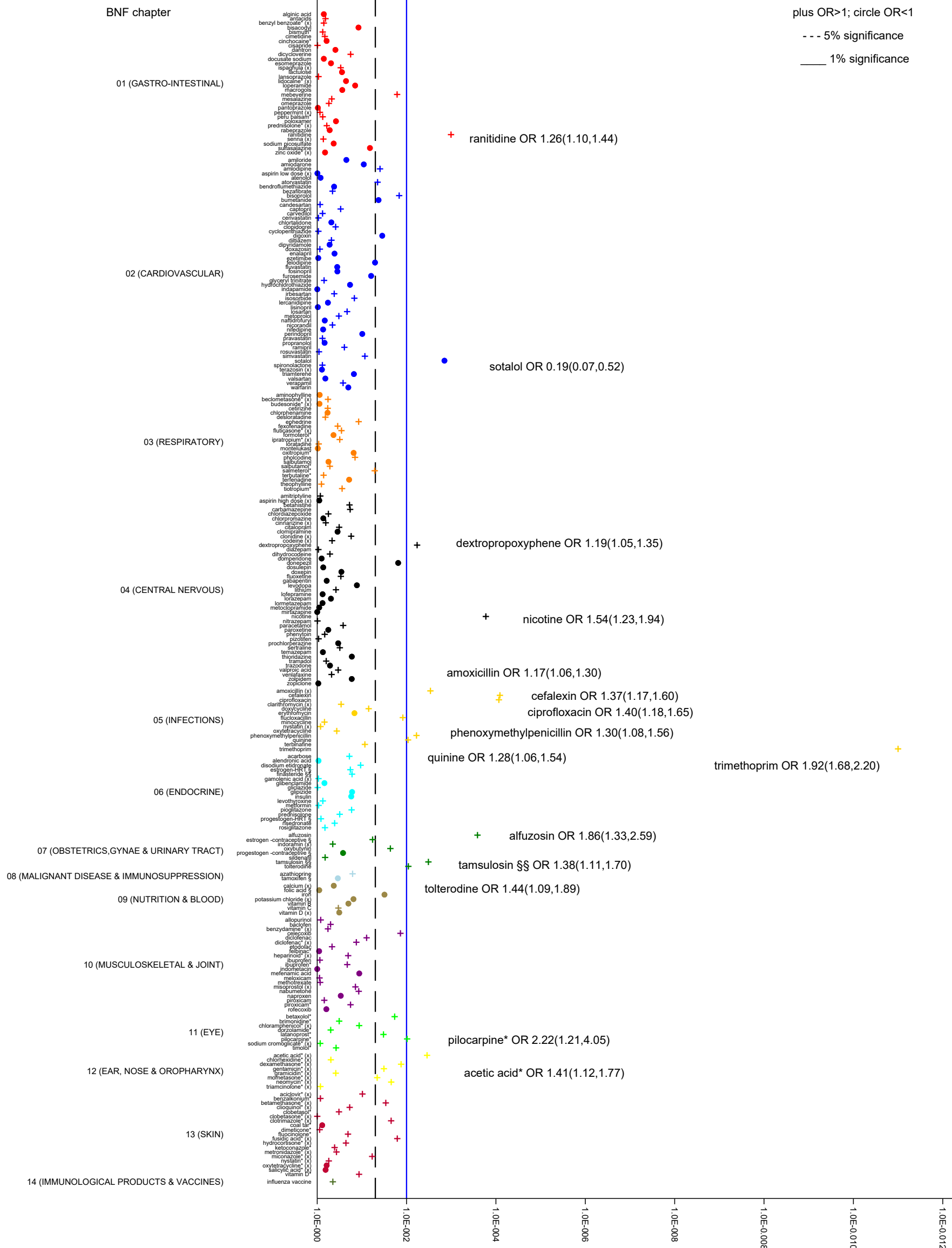
--- 5% significance

— 1% significance

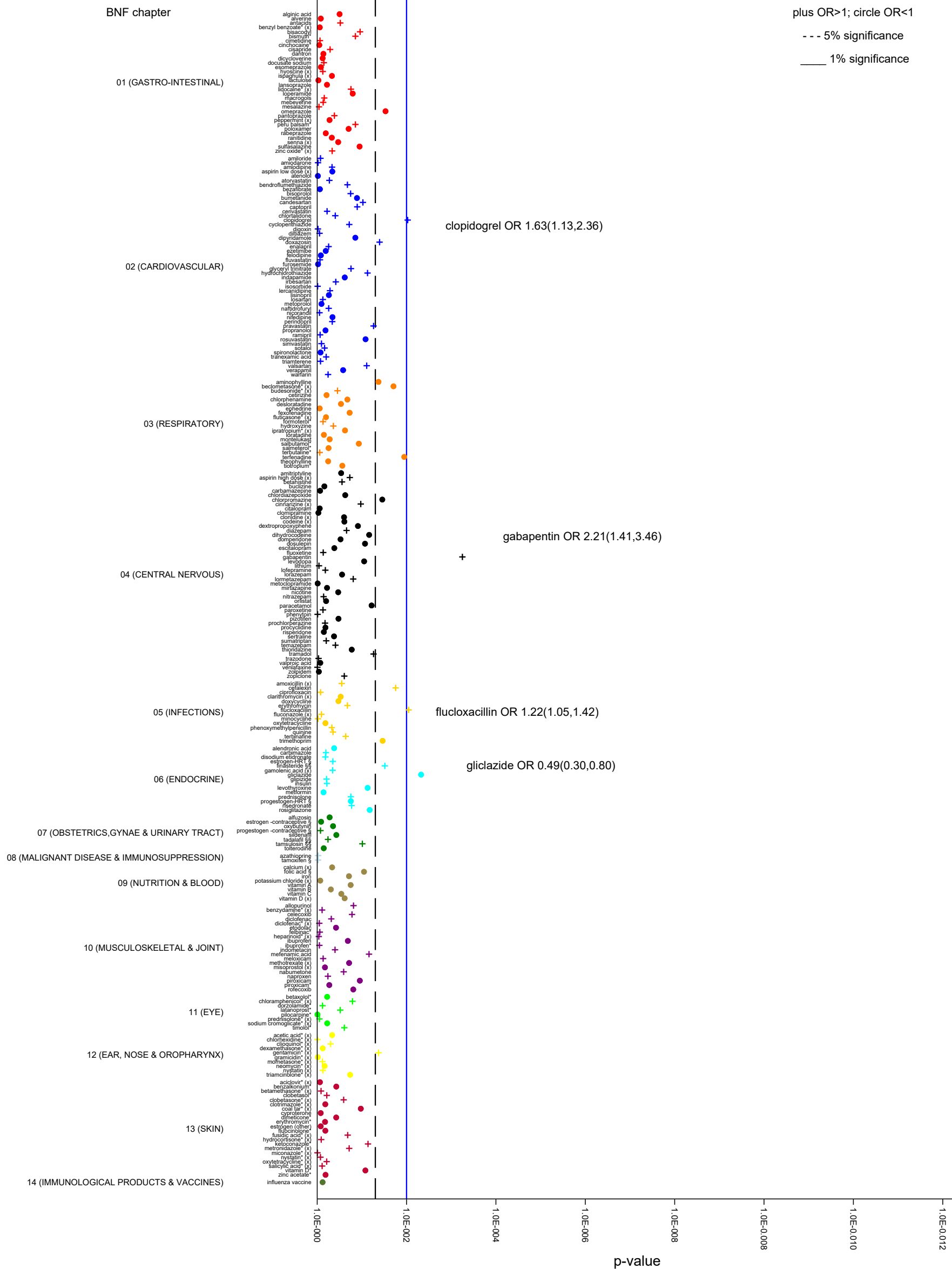


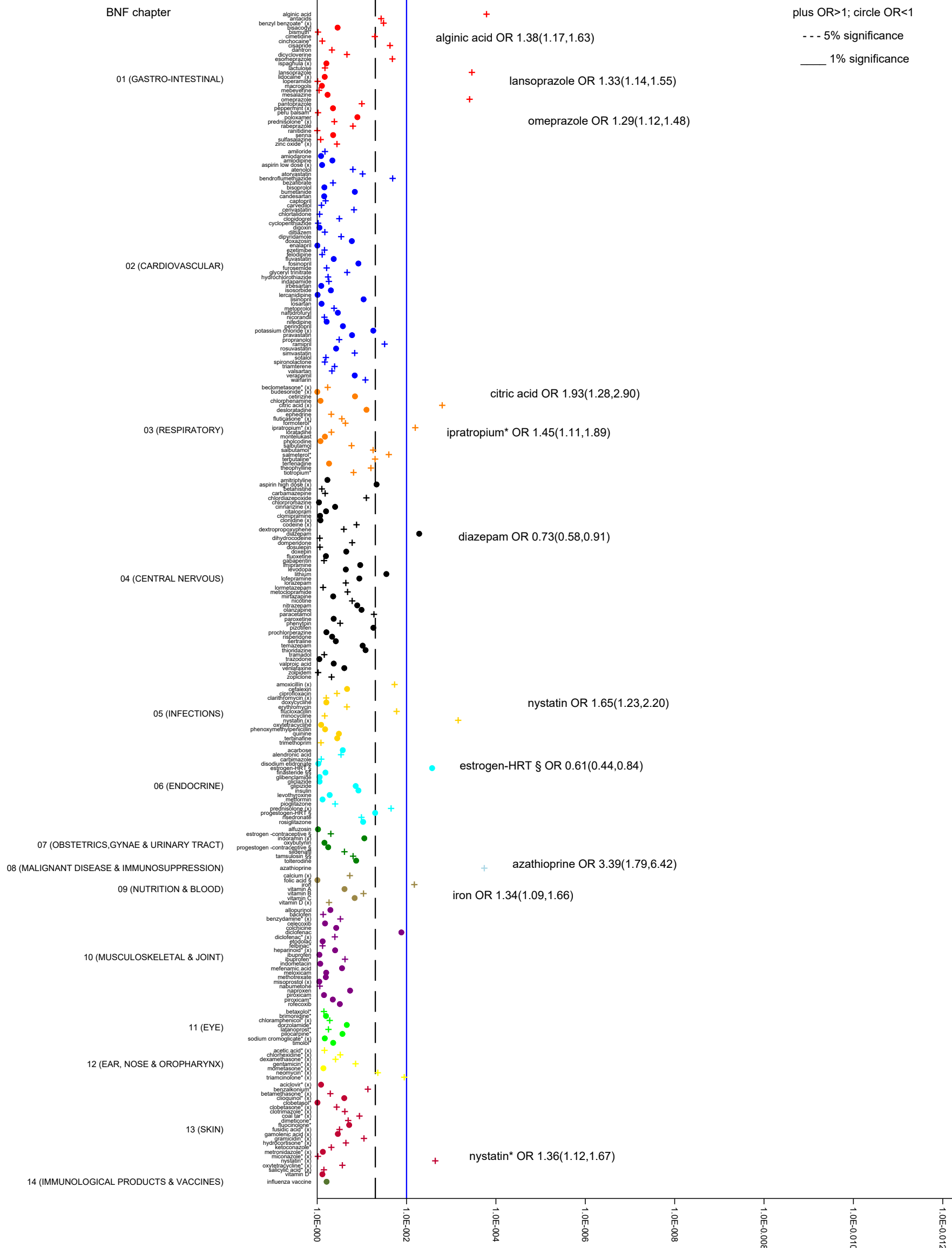
\* : local medicine; males only included in this analysis; (l): local; (x) most prevalent chapter

Comorbidity & smoking adjusted analysis (exposure any prescription)

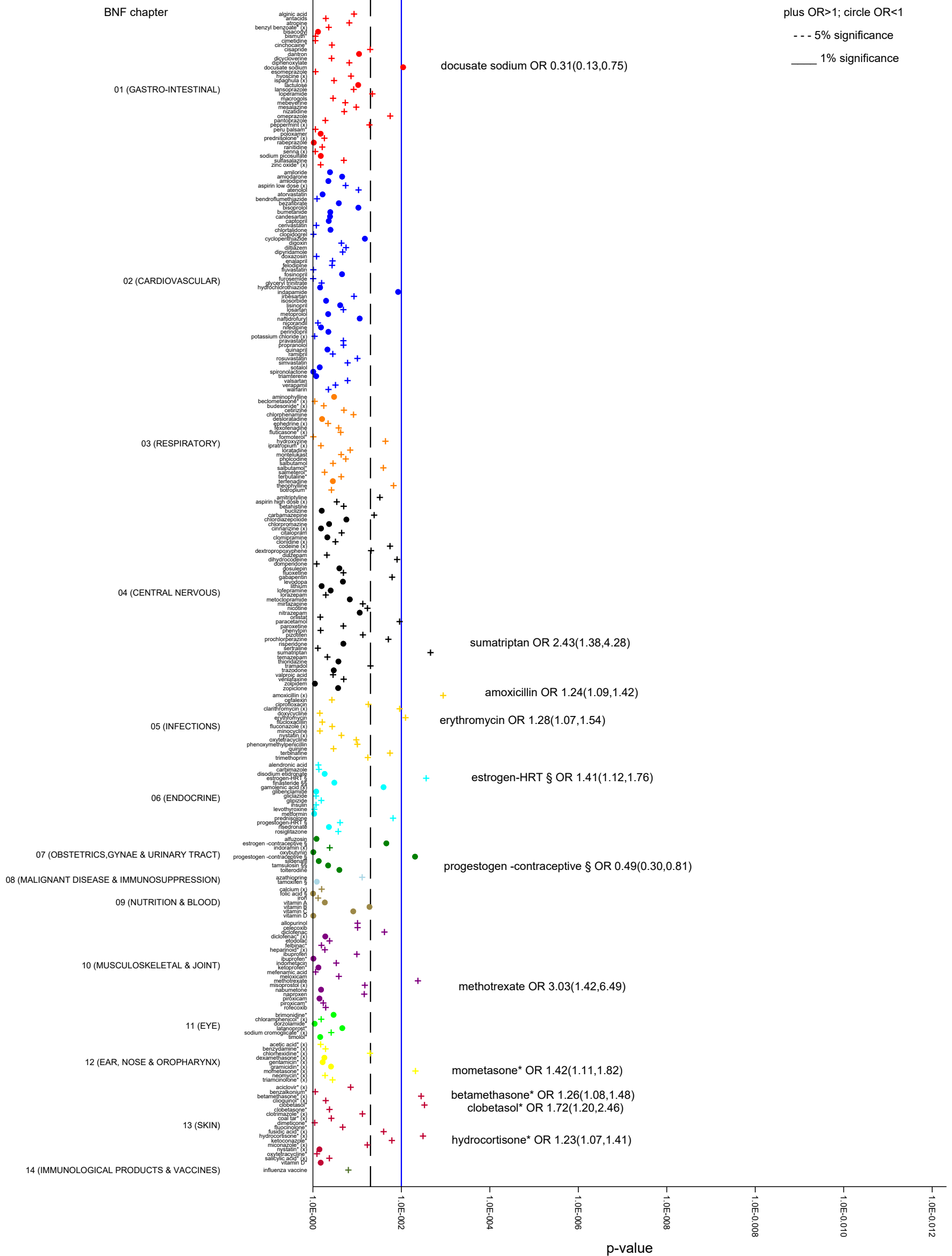


\* : local medicine; § females only; §§ males only; (x) most prevalent chapter

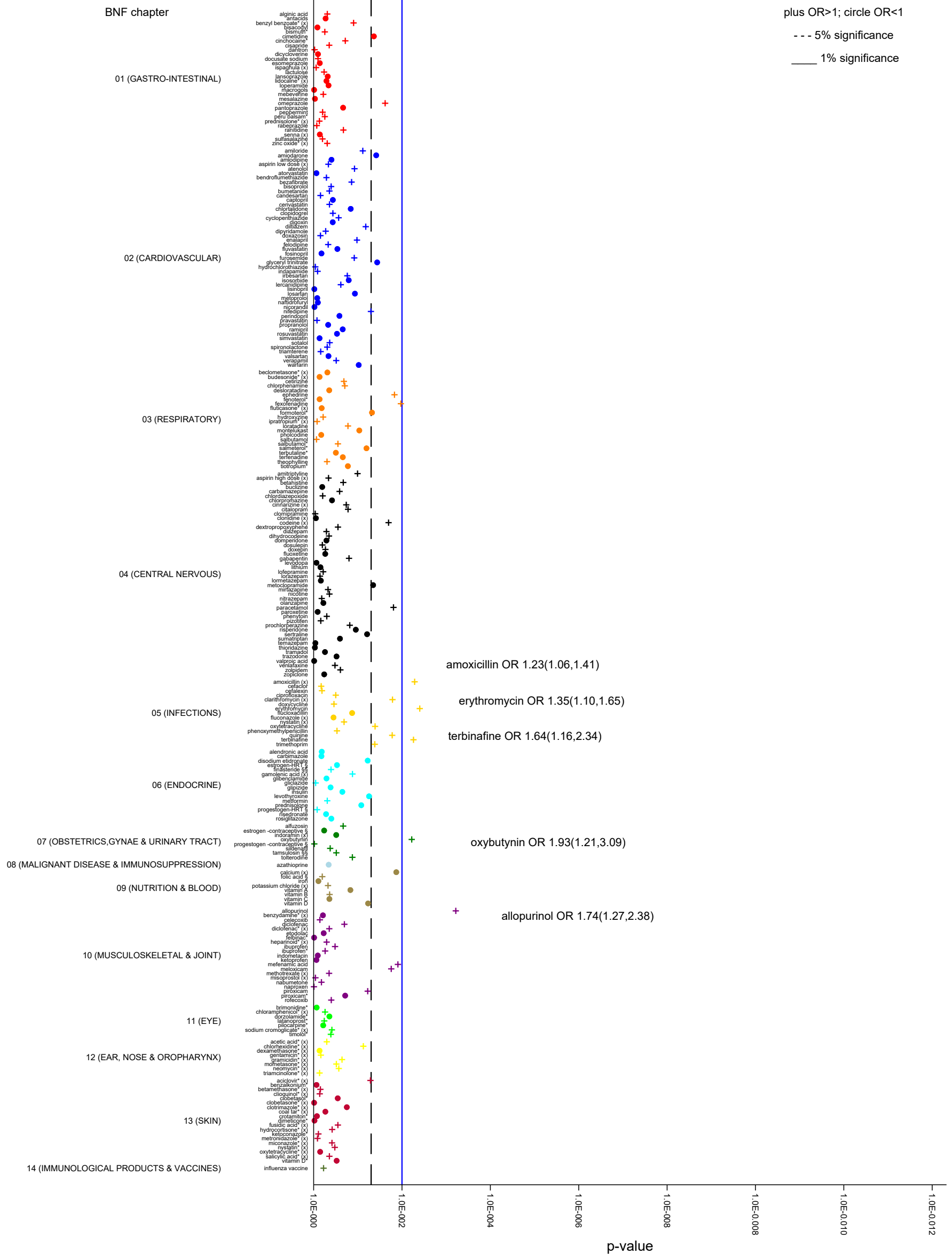




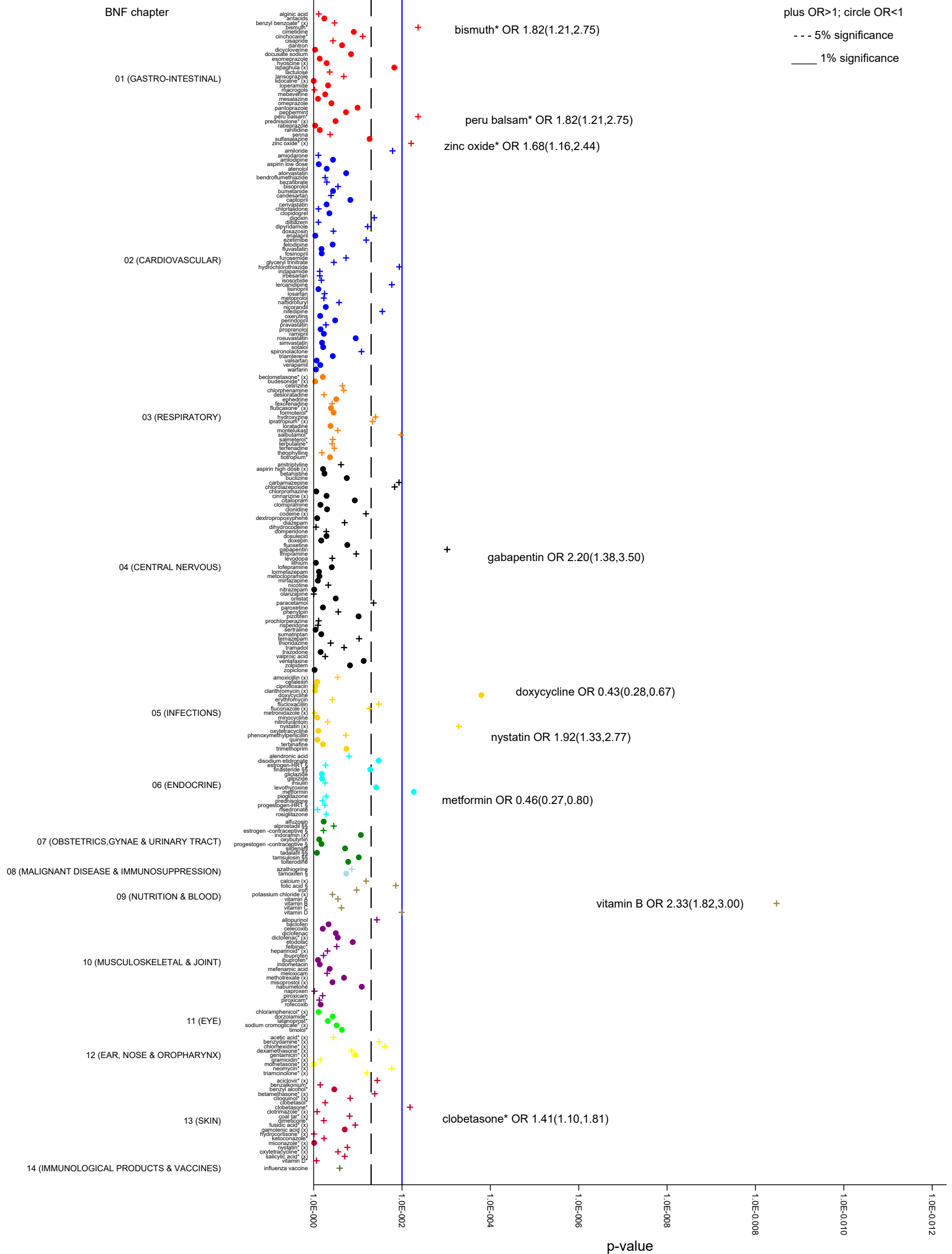




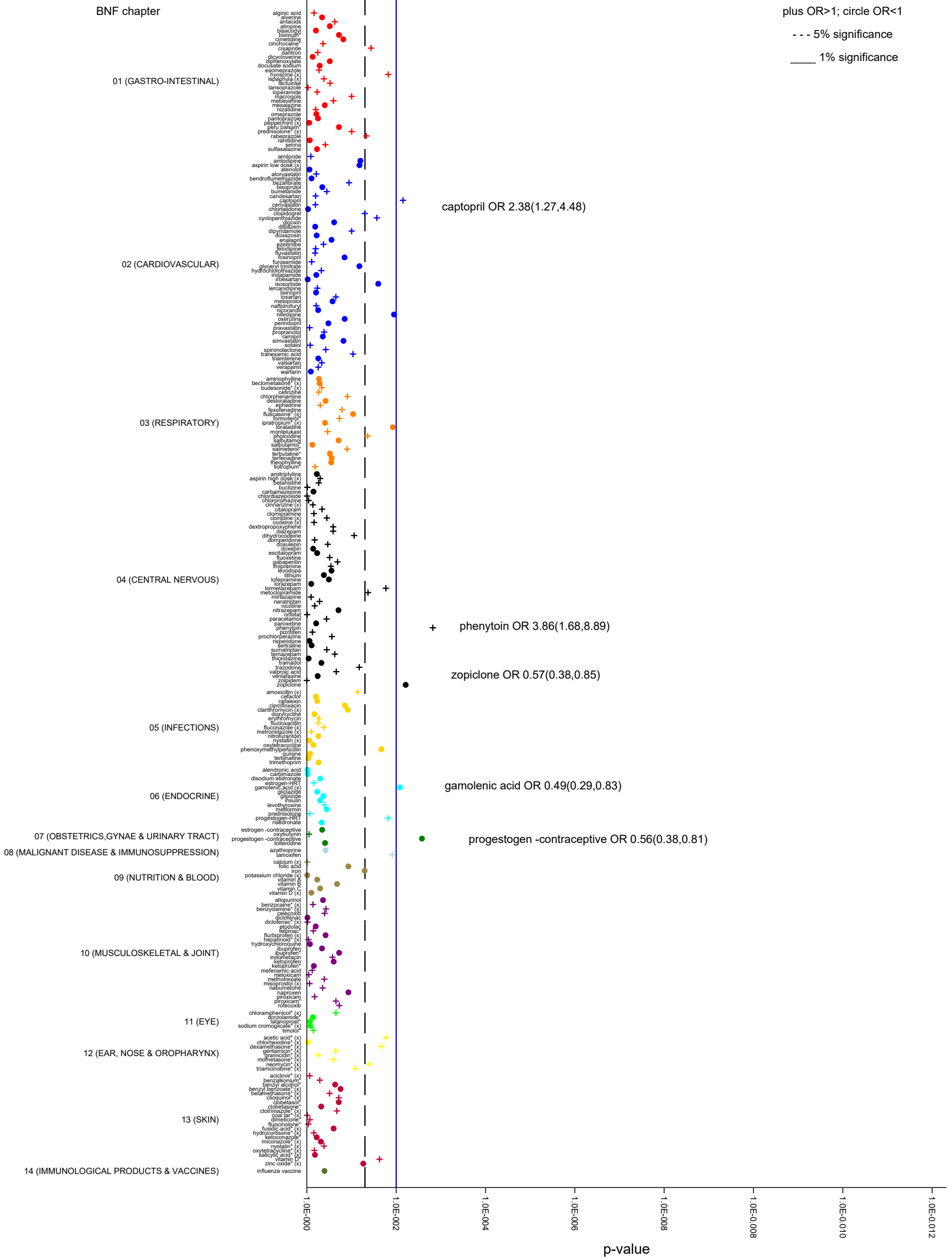
Comorbidity & smoking adjusted analysis (exposure any prescription)



Comorbidity & smoking adjusted analysis (exposure any prescription)



Comorbidity & smoking adjusted analysis (exposure any prescription)



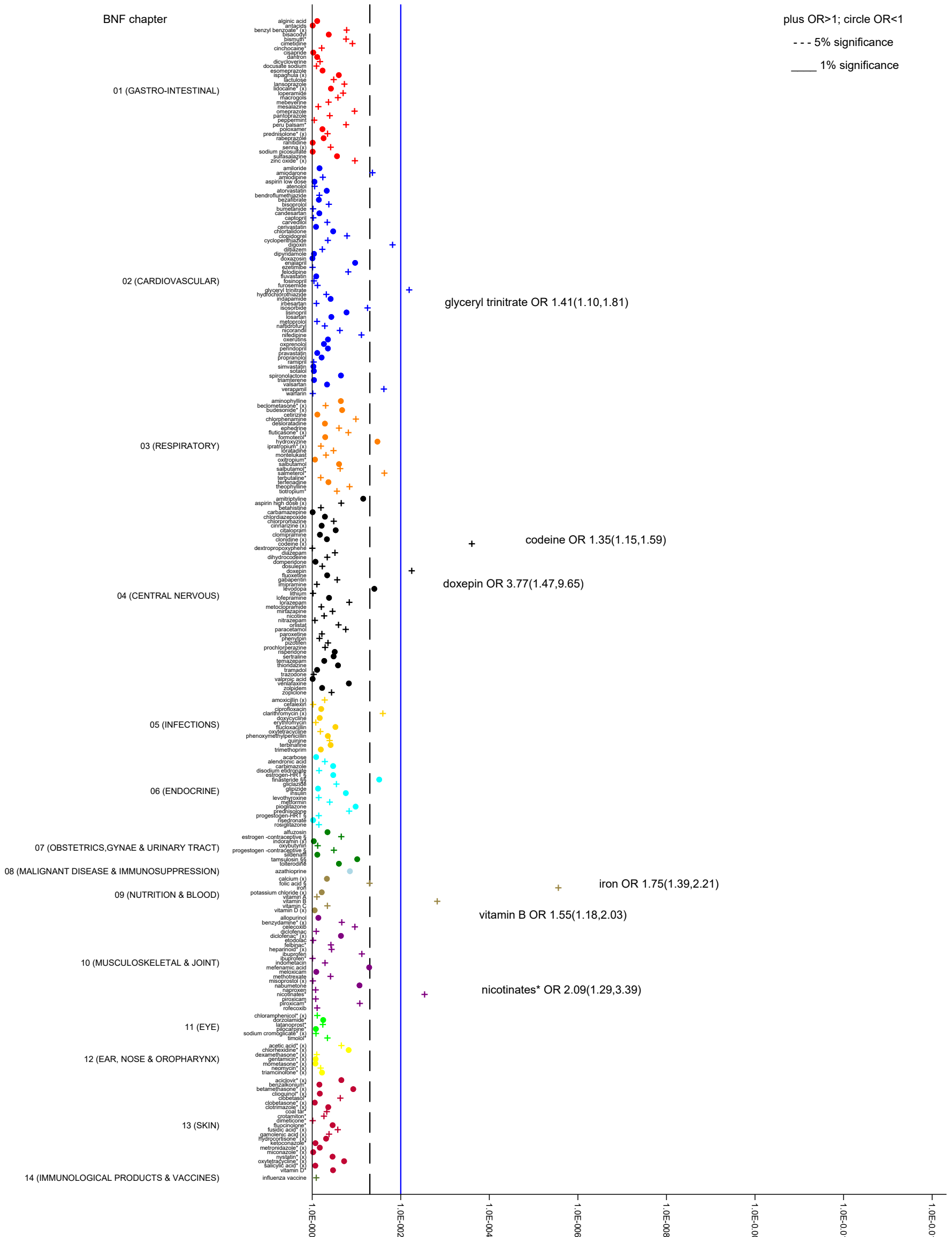
Comorbidity & smoking adjusted analysis (exposure any prescription)

BNF chapter

plus OR>1; circle OR<1

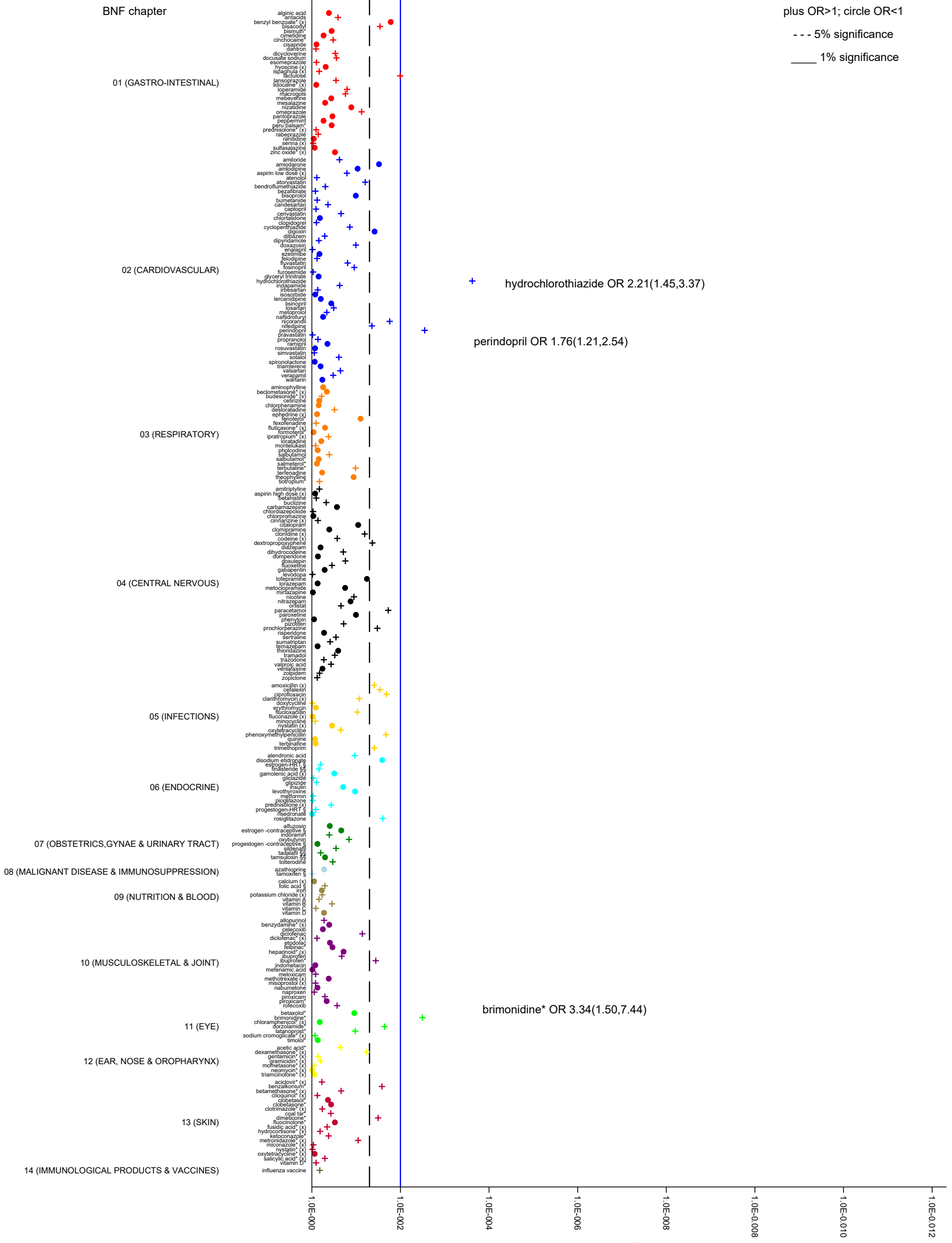
--- 5% significance

— 1% significance

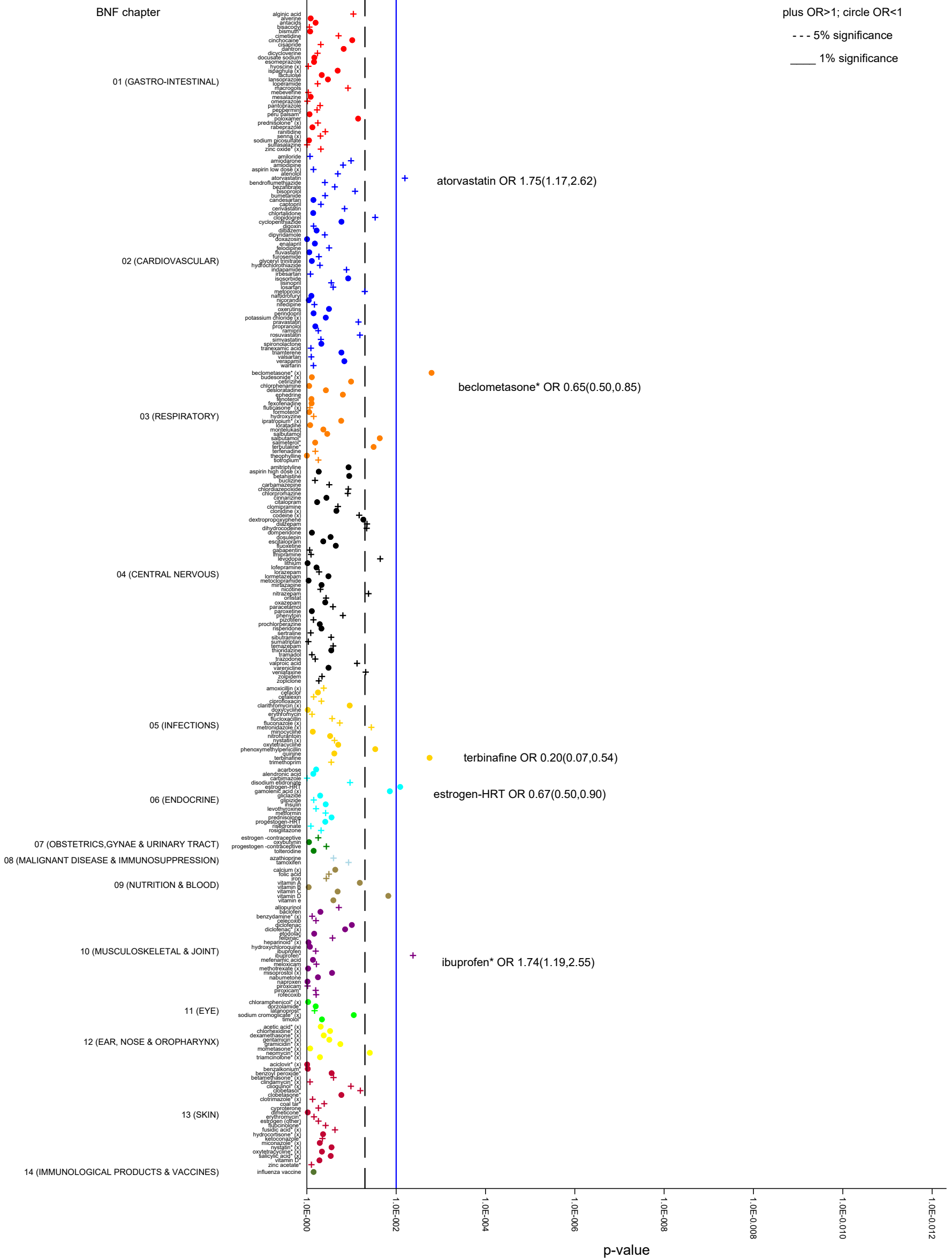


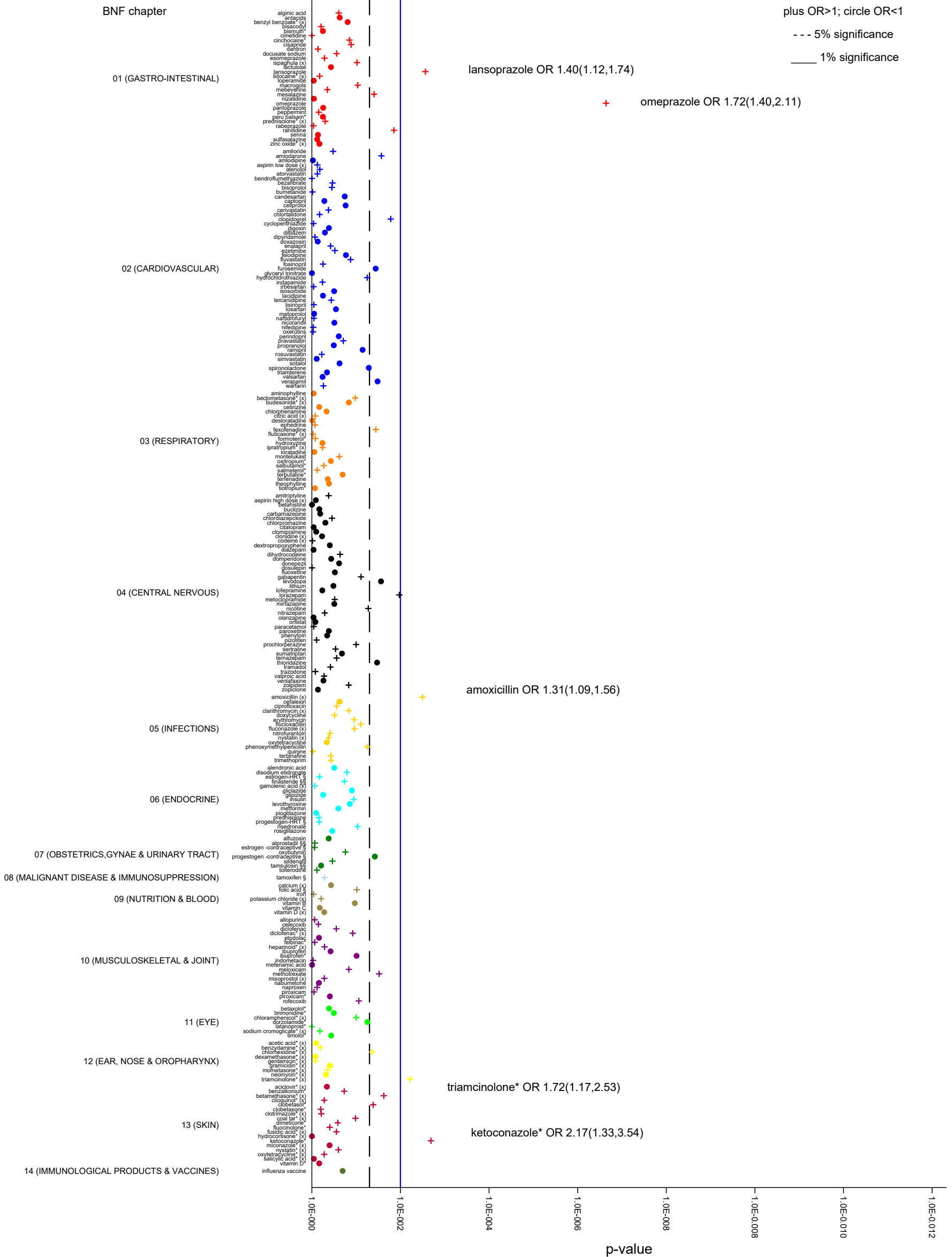
p-value

\* : local medicine; § females only; §§ males only; (x) most prevalent chapter



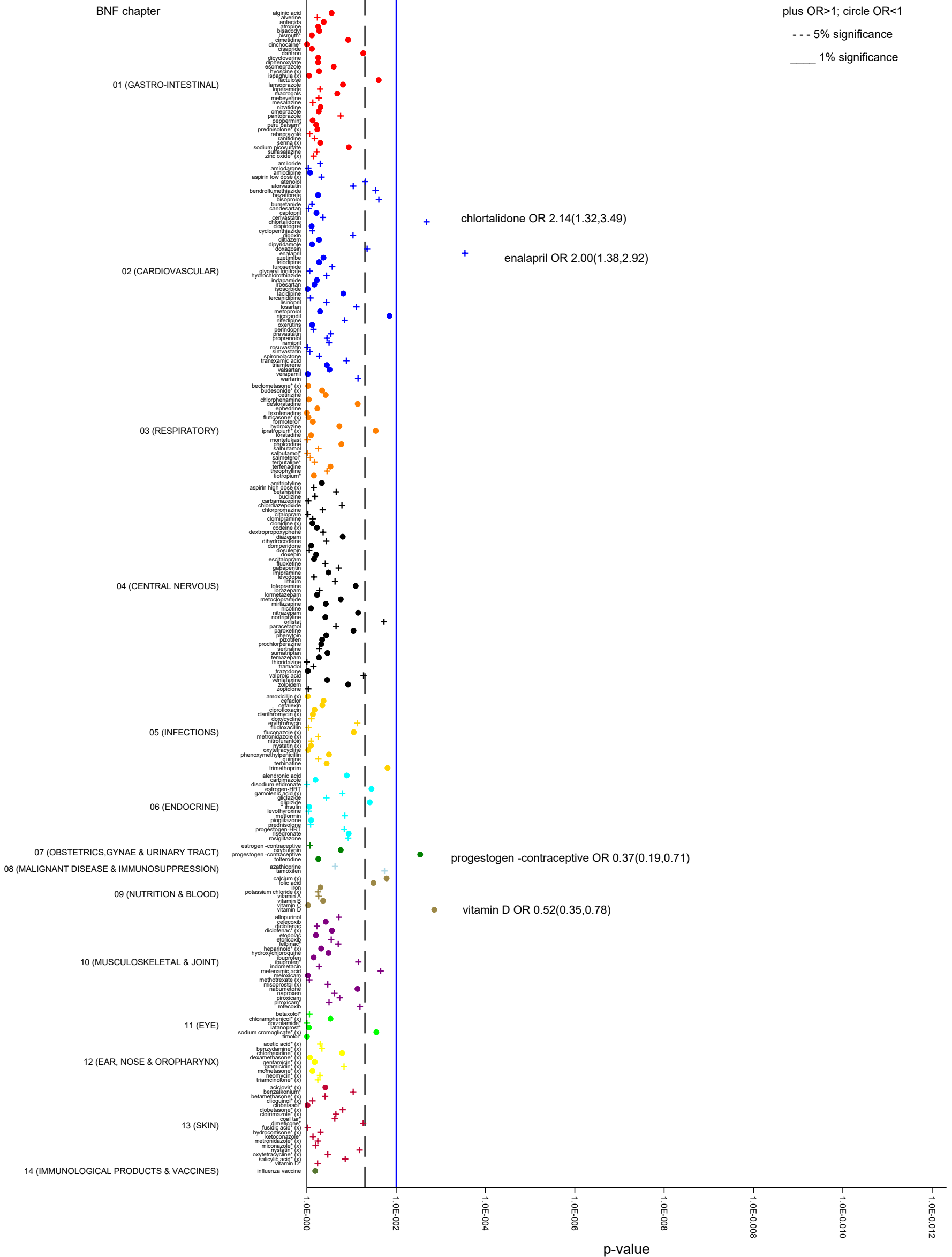
Comorbidity & smoking adjusted analysis (exposure any prescription)



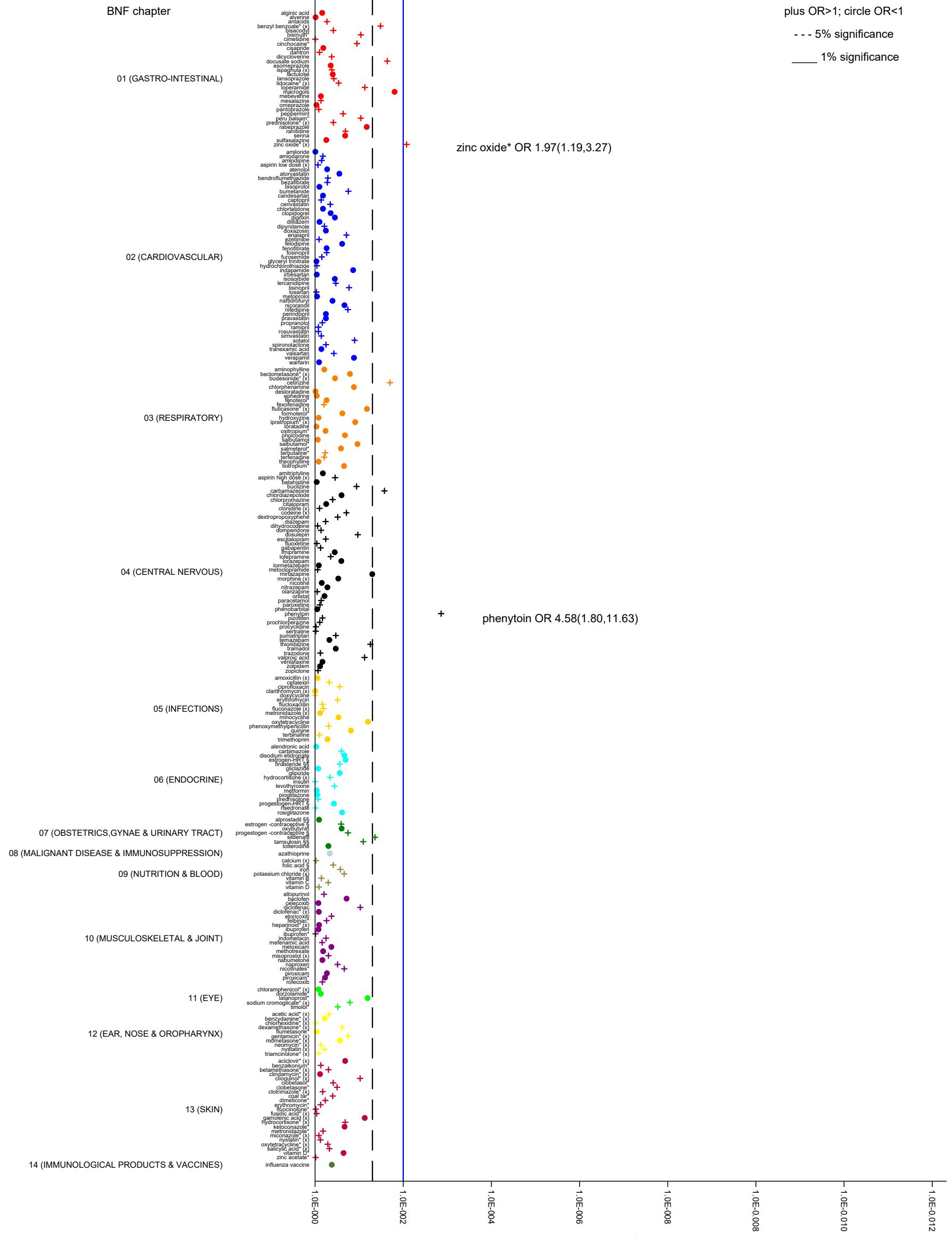


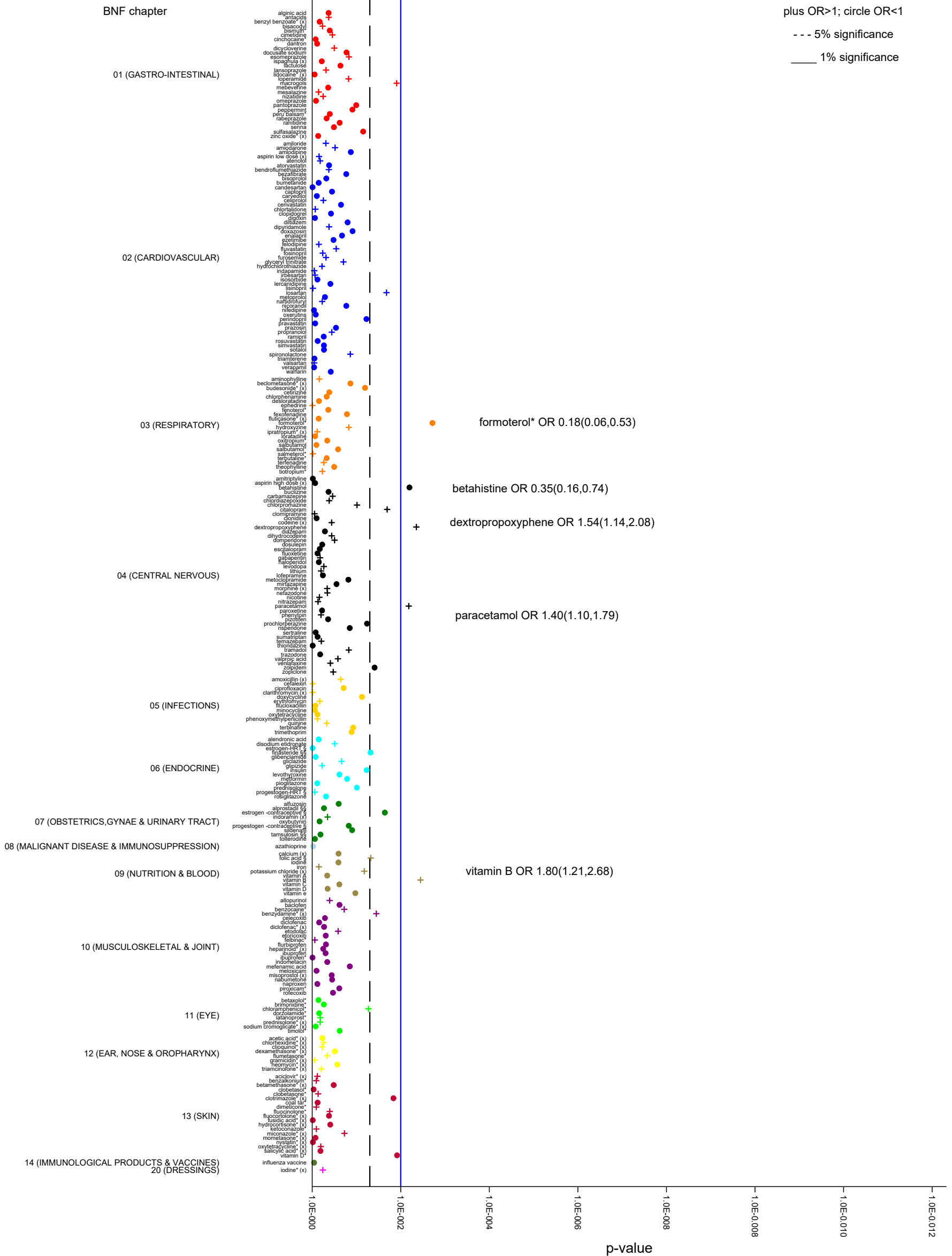


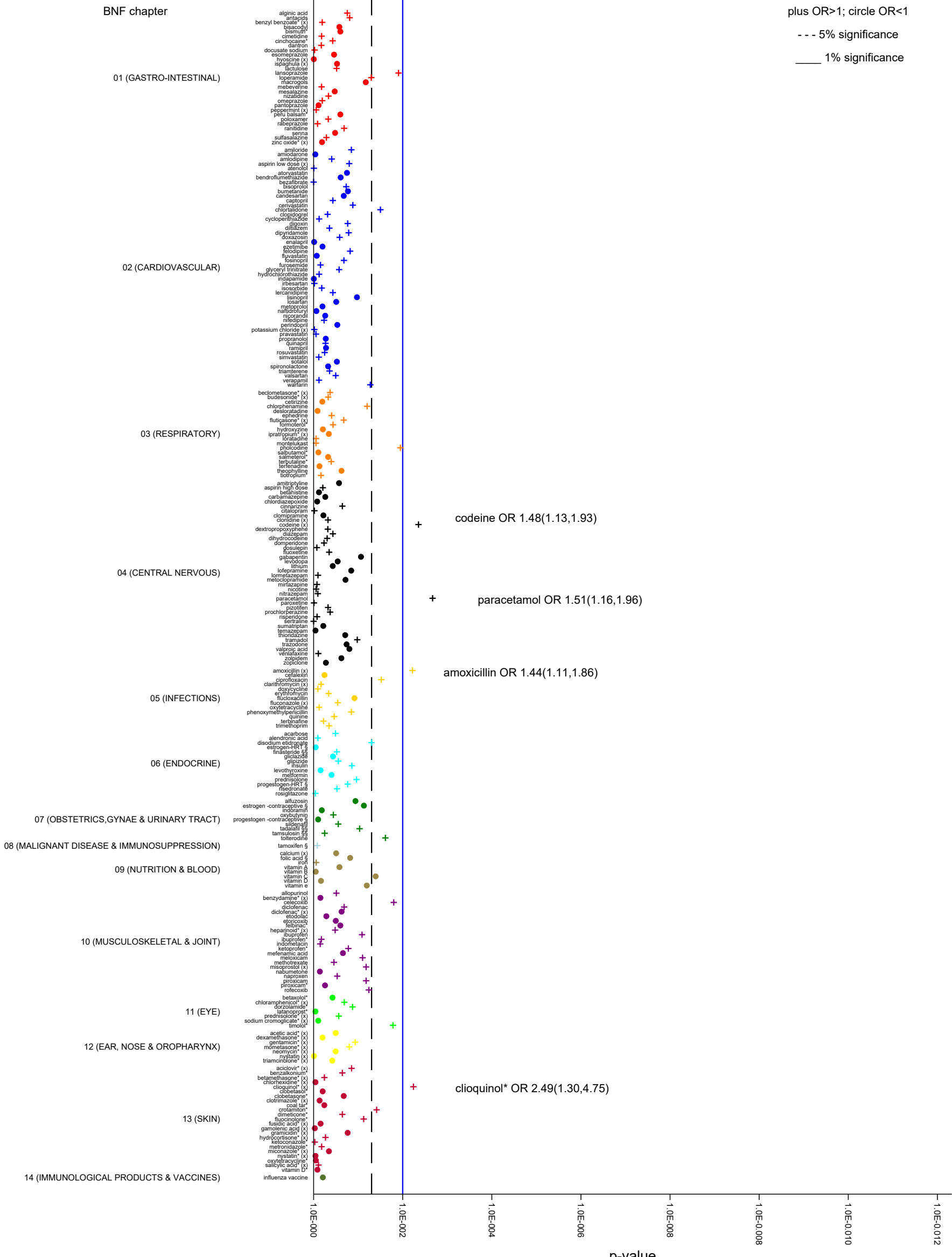
Comorbidity & smoking adjusted analysis (exposure any prescription)



Comorbidity & smoking adjusted analysis (exposure any prescription)

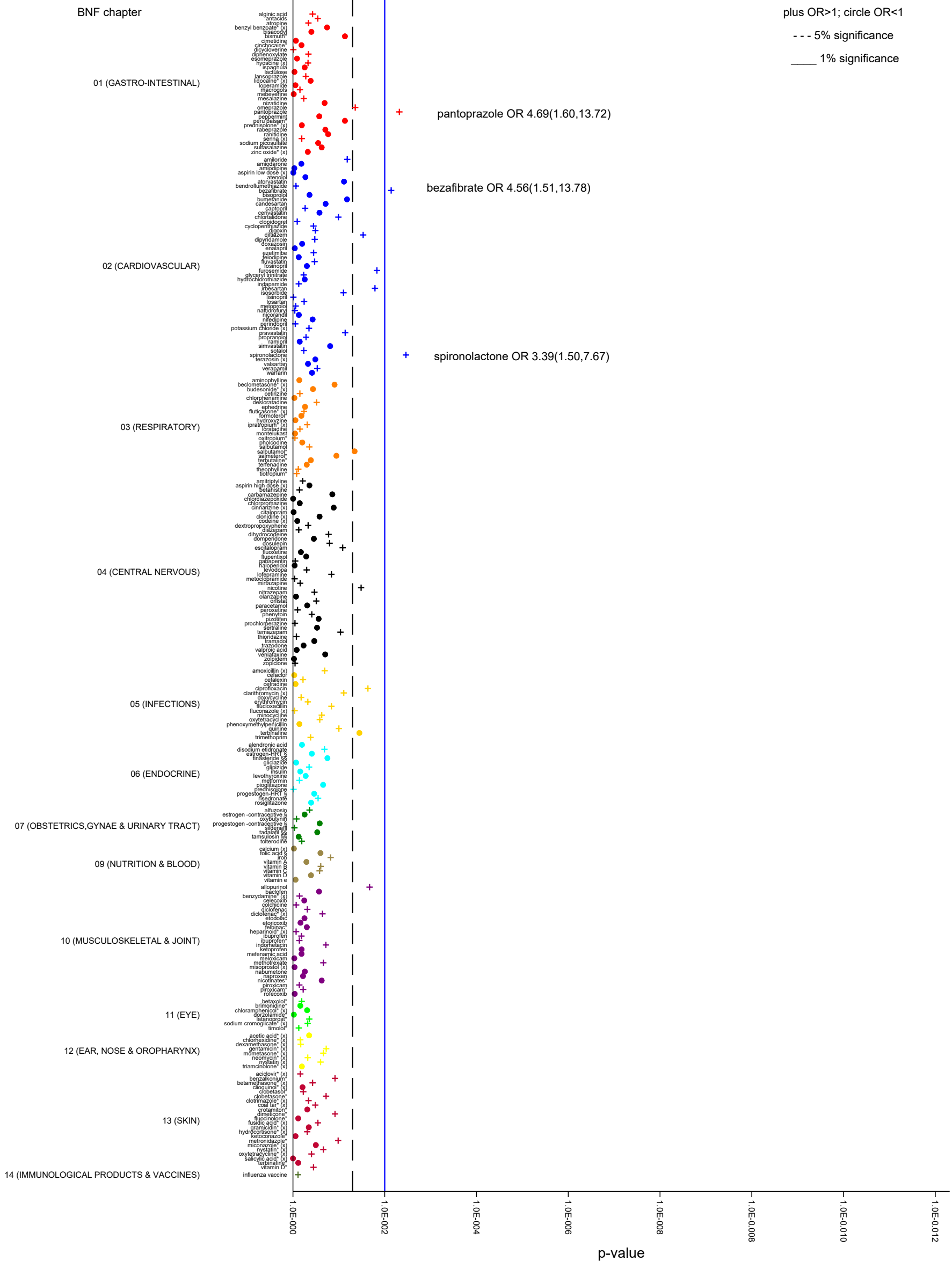






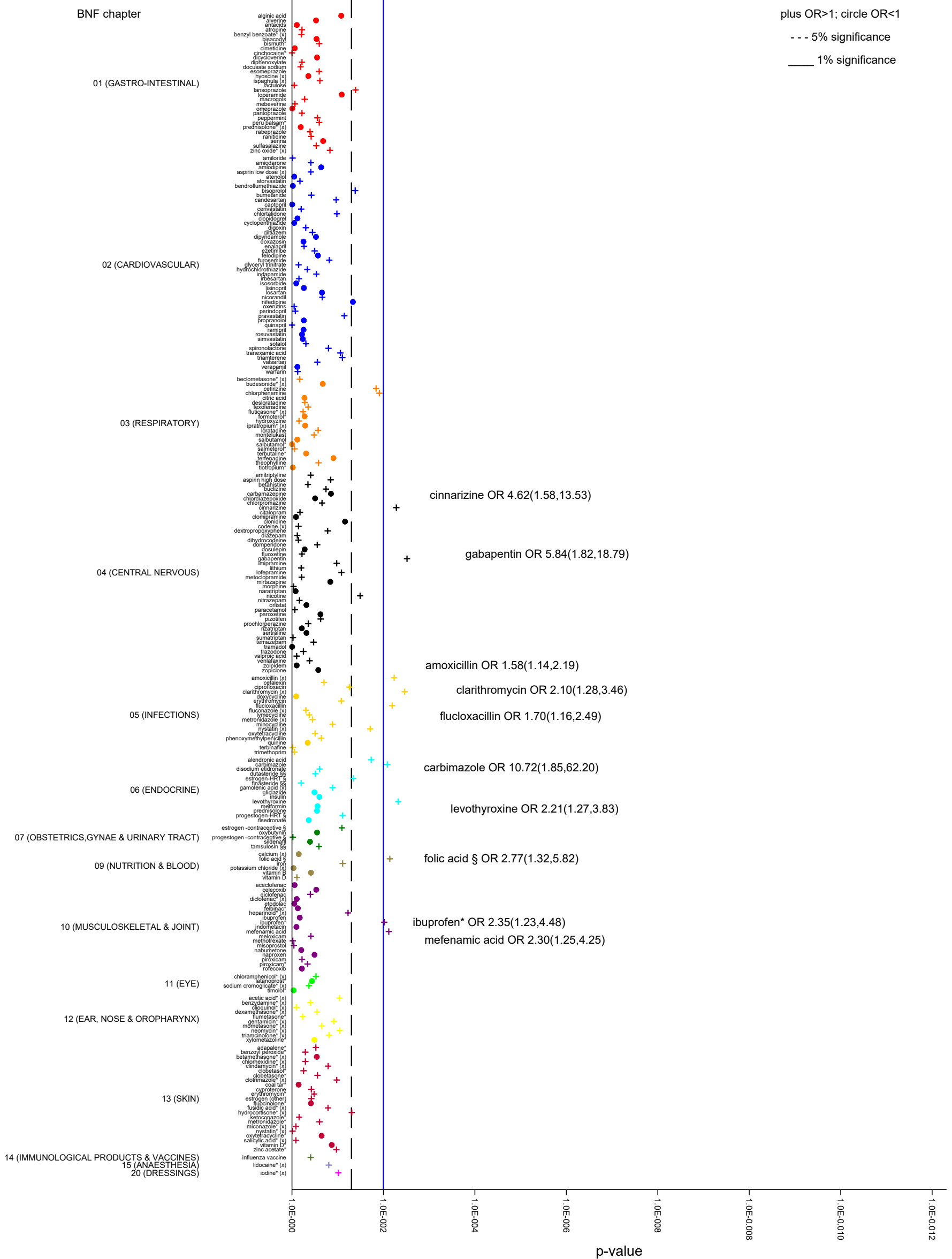
\* : local medicine; § females only; §§ males only; (x) most prevalent chapter

Comorbidity & smoking adjusted analysis (exposure any prescription)

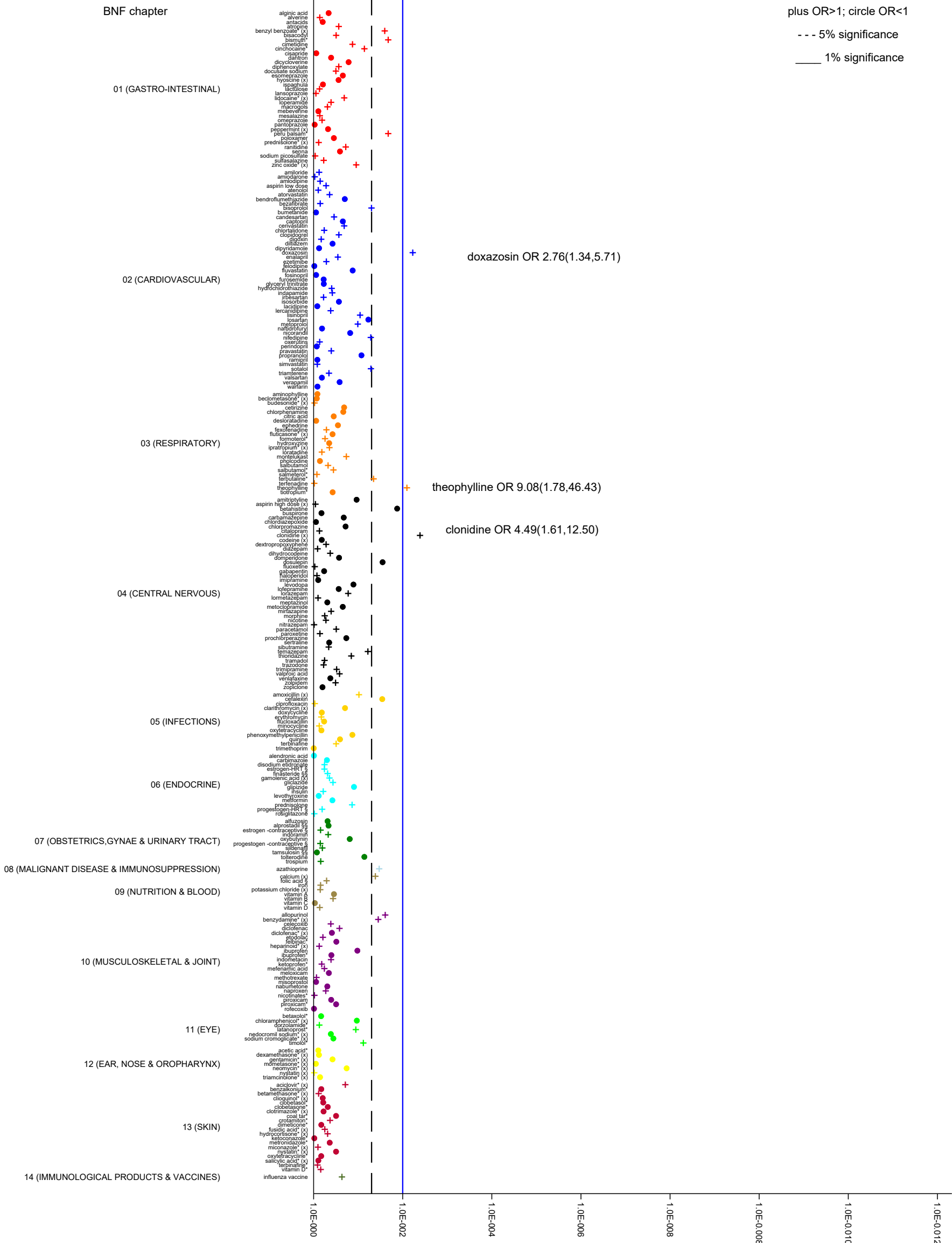


\* : local medicine; § females only; §§ males only; (x) most prevalent chapter

MWAS plot: thyroid cancer  
Comorbidity & smoking adjusted analysis (exposure any prescription)



Comorbidity & smoking adjusted analysis (exposure any prescription)



\* : local medicine; § females only; §§ males only; (x) most prevalent chapter