

## Univariate Cox analysis

### Microbiome variables

MMI\*\*  
(n=31) MMI > 0\*

### Demographic variables

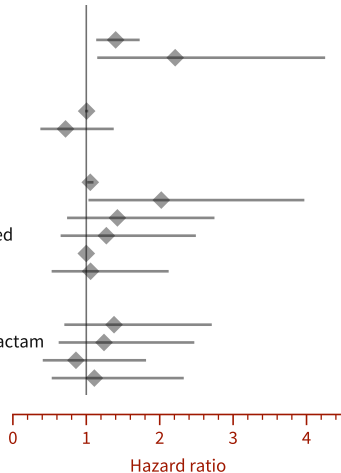
Age  
(n=24) Gender (male)

### Clinical variables

APACHE II score\*  
(n=26) ARDS\*  
(n=13) Malignancy  
(n=20) Immunosuppressed  
(n=34) Sepsis-3  
(n=18) Diabetes

### Antibacterials

(n=28) Vancomycin  
(n=31) Piperacillin-tazobactam  
(n=14) Ceftriaxone  
(n=12) Ciprofloxacin



## Kaplan-Meier curves

