

### Training cohort

Innsbruck  
n = 100

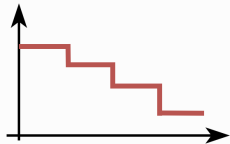
### Test cohort

Linz & Vienna  
n = 83

### 19 variables

demography, biochemistry,  
performance, RHC, ultrasound

### Elastic Net survival modeling



age  
cardiac index  
NT-pro-BNP  
PVR  
RAA  
RDW  
SMWD

### PAM Clustering



### Cluster #1



### Cluster #2



- Cardiac function
- Erythropoiesis/iron turnover
- Physical performance
- Age
- Mortality risk