

**Training cohort**

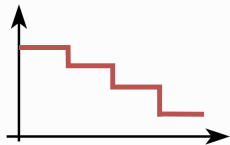
Innsbruck  
n = 100

**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