

### **1. Investigate 'Different but related'**

How related is the development sample with the validation sample?

Proposed methods: weighed Mahalanobis distance, SD of the linear predictor, mean of the linear predictor

### **2. Performance assessment**

What performance do we observe when we apply the prediction model in the validation data?

Proposed methods: calibration-in-the-large (a), calibration slope (b), c-statistic and case-mix corrected c-statistic

### **3. Interpretation of model validation results**

Accounting for differences between development and validation data, and the potential for good discrimination.