

## Online Supplement

### Original Research

#### **Improving the Likelihood of Identifying Alpha-1 Antitrypsin Deficiency Among Patients With COPD: A Novel Predictive Model Using Real-world Data**

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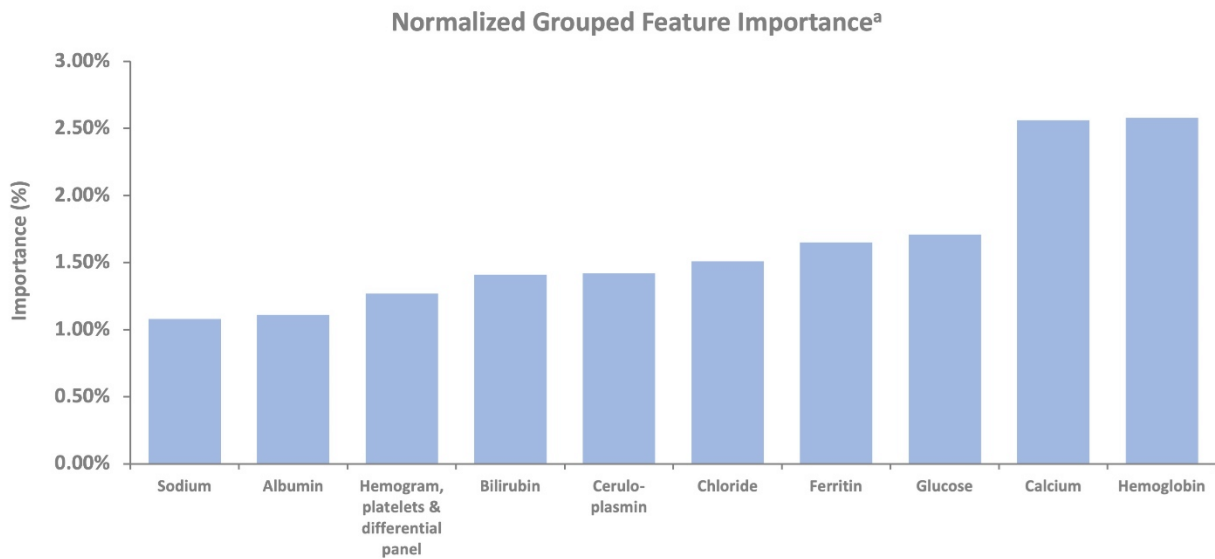
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## Supplementary Figure 1: Select List of Important Laboratory Features Included in the Predictive Model



<sup>a</sup> Feature importance is based on the average information gain for a given feature weighted by the total importance of all included features. Feature importance was grouped at the component level for laboratory test results, instead of the laboratory test component and resulting tertile scoring used in the model.

**Supplementary Figure 2: Model Evaluation in the Testing Group**

