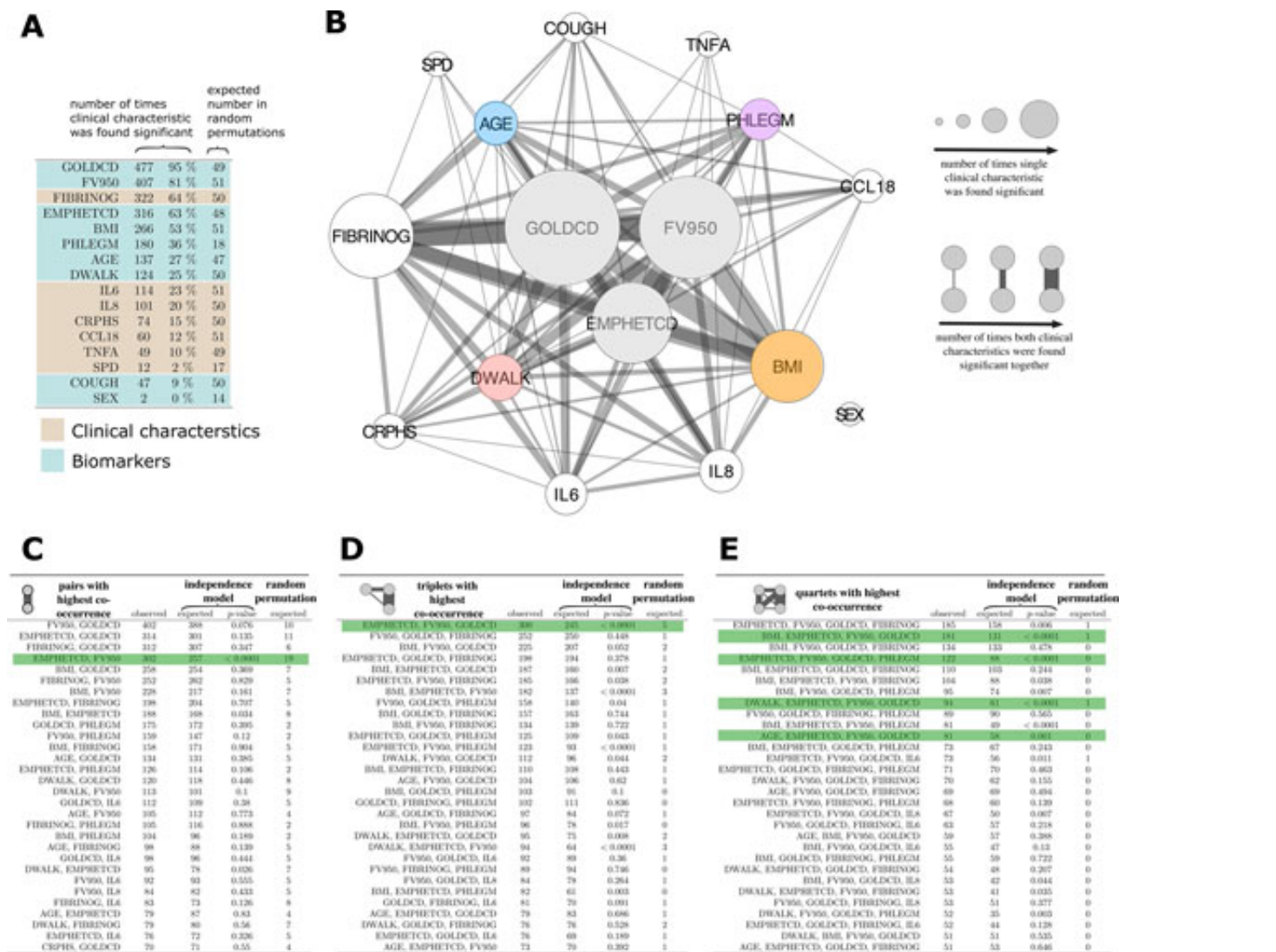


Figure 2.

Resolution: **standard** / [high](#)



Combination of clinical characteristics associated with groups from VISTa. **A** Number of times the characteristics were found significantly different between group 1 & 2 in a total of 500 divisions. Severity of airflow limitation (GOLDCD) is the single most important determinant of differential gene expression, being statistically significant in 95% of all VISTa outputs. **B** Summary of the individual and pairwise number of significant occurrences of the clinical characteristics. Node size is proportional to the number of times a measure was found significant, the width of a link indicates how often two measures appeared significant in the same VISTa division. The core group contains severity of airflow limitation (GOLDCD) and the two emphysema measures EMPHETCD and FV950. **C**, Number of times that pairwise combinations of clinical characteristics co-occurred in the 500 VISTa outcomes. The most significant pair (as compared to a Null model of independent occurrence) is EMPHETCD and FV950, which are both measures of emphysema. **D** The most frequent and significant triplet is a combination of GOLDCD and EMPHETCD and FV950, measuring disease severity. **E** We find significant combinations of the disease severity triplet in B with four clinical characteristics: BMI, PHLEGM, DWALK and AGE.