How to Read the Final AOR Dee and Harvey Data Analysis Visualizations on the AOR Site
January 2019

In the final round of statistical analyses conducted on the AOR Dee and Harvey transcriptions, we compared the marginal notes of John Dee and Gabriel Harvey in two ways:

- **How often** each concept group is mentioned in each reader's marginal notes (% of mentions, since the database includes many more marginal notes of Dee than of Harvey)

- **How the concept groups are related to each other**, in the marginal notes of Dee and (separately) of Harvey. Those relationships are defined by how often specific Concept Groups were **mentioned within the same marginal note** within the Dee corpus and (separately) in the Harvey corpus.

The chart below shows both of these comparisons.

The **location** of the bubbles (blue for Dee; green for Harvey) indicates the **frequency** of mentions. Along the **vertical axis for Harvey** marginalia, bubbles that appear higher up in the chart indicate a greater frequency of mentions of specific Concept Groups among Harvey's marginal notes. Along the the **horizontal axis for Dee marginalia**, bubbles that appear further to the right indicate a greater frequency of mentions of specific Concept Groups among Dee's marginal notes).

Note that the frequency of mentions of the concept groups within a cluster can be **compared between the two readers**. For example, "Virtue + Industry + Temperance" is the most commonly mentioned cluster of concept groups for Harvey (indicated by its high vertical location on the chart), but these terms appear with only average frequency in Dee's marginal notes (indicated by its position near the middle of the horizontal axis). Conversely, "Genealogy + Death" is quite often mentioned in Dee's marginal notes (indicated by its position at far to the right of the Dee axis), though these terms are rarely mentioned in Harvey's notes (as is shown by their location near the bottom of the chart).

The **content** of the bubbles shows the **most closely related concept groups** for each reader. For example, there is a green bubble on the right side of the chart, labelled "King + Rome + Law + God." This indicates that Harvey (green bubbles) tended to mention "God" in the same marginal note with "King," "Rome," and/or "Law." (See the second sheet for a full listing of terms that defined each concept group.) By contrast, the small blue bubble at the far right, labelled "God + Man + World" indicates that Dee (blue bubbles) was more likely to mention "Man" and/or "World" in the same marginal notes where he mentioned "God."

The **size** of the bubbles indicates the **strength of the relationships** between the concept groups. Again referring to the same two bubbles noted in the paragraph just above, the much larger size of Harvey's "King + Rome + Law + God" bubble indicates these terms are more closely associated (i.e., more likely to show up in the same marginal note by Harvey) than are the terms in Dee's smaller "God + Man + World" bubble.