Stylometry assumes:
- Authors have a style
- that is expressed in their works,
- that can be quantified and measured, and
- that can be distinguished from that of other authors

Applications of stylometry:
- Author recognition
- Authorship verification
- Stylistic deception
- Stylistic deception detection

Most style metrics focus on surface features of a text. Surface features may capture (or be influenced by) deeper phenomena or other events that may not be style (for example, text file encoding), and may not capture other intuitive notions of style.

Some qualities of author style may be better captured by, or in conjunction with, meaning-based features.

**Stylistic deception**

Some ideas:

Some qualities of author style may be better captured by, or in conjunction with, meaning-based features.

**Conceptual representations**

Current investigation: how do authors differ? What clues do they leave behind, and which of these are stylistic? Some ideas:

**Semantic Map Features**
- Concept-property-filler triples
- Tail length / Tree depth
- Order of traversal
- Concepts, relations per sentence, word

**From Text to Semantic Representation**

TMRs are graphs of concepts (nodes) connected by properties (edges) representing the meaning of a text. Properties are directed edges; the nodes at which they terminate are fillers. Some properties are attributes: they have literal value fillers.

A basic unit of analysis: the concept-property-filler triple.