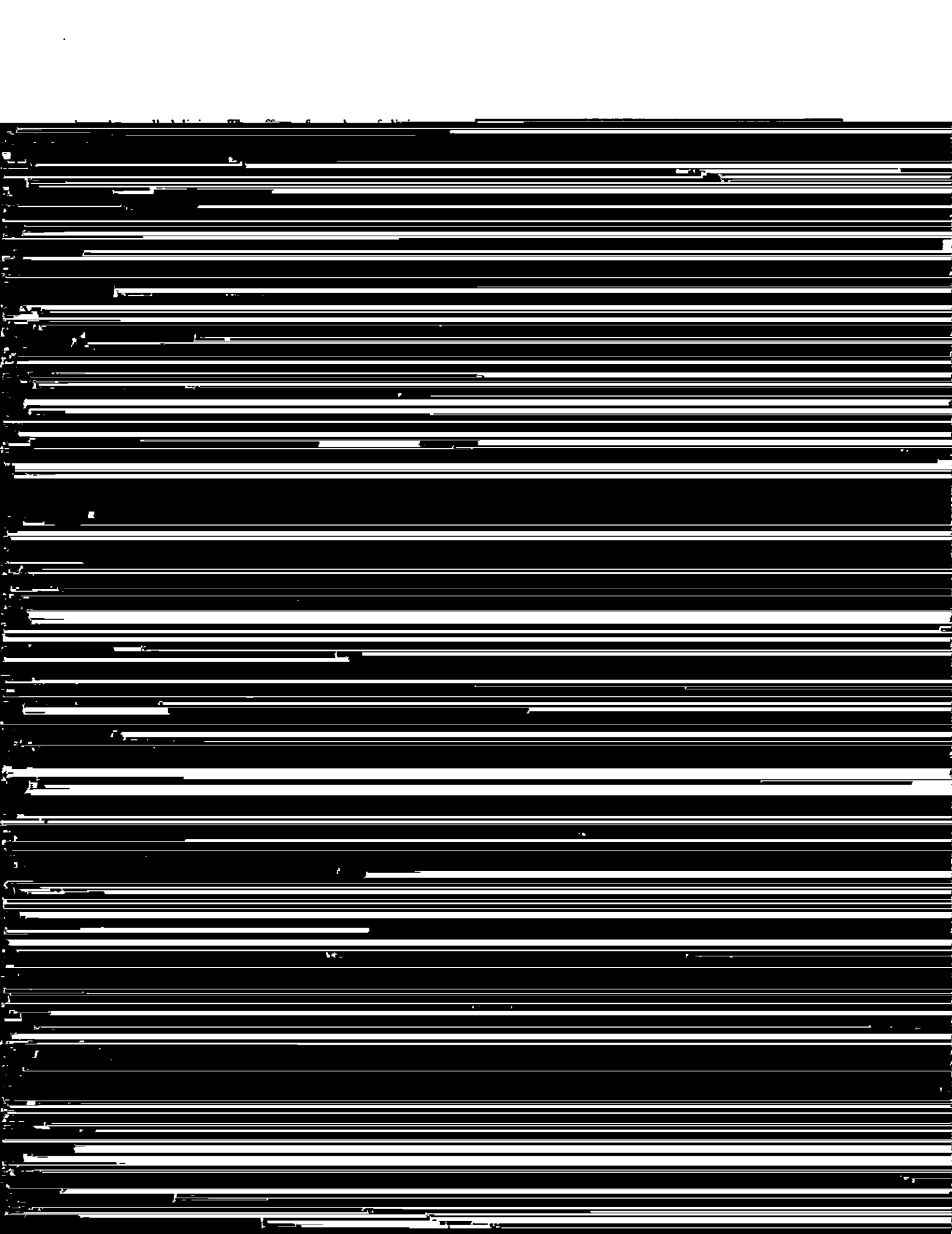


Let. Finally, we discuss some of the implications of our

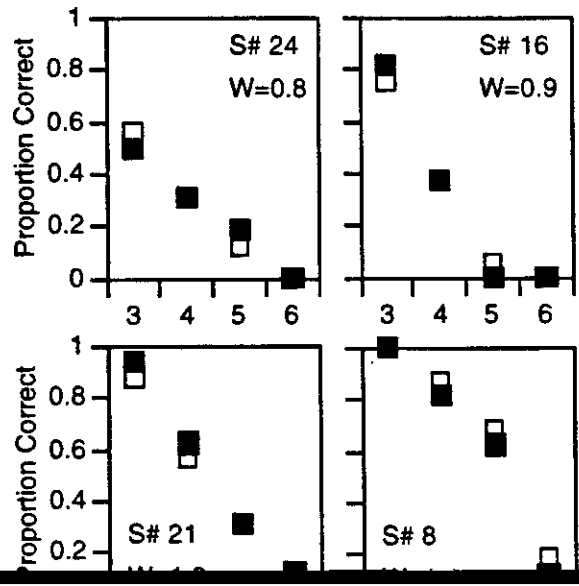
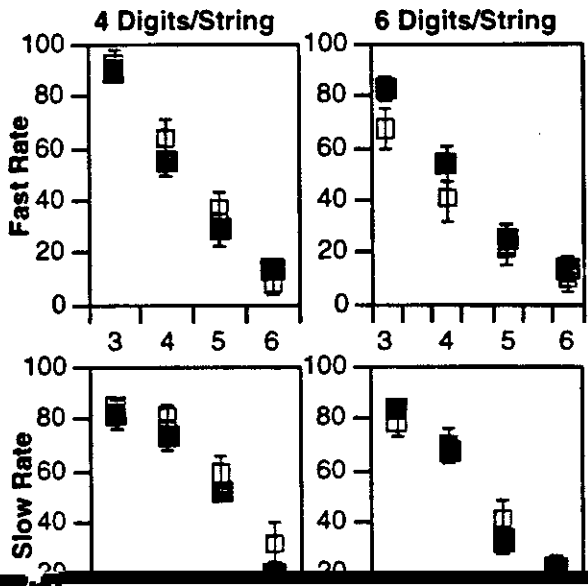
Fourth, we present the various trial types in a random order



processing. That is, learning and performance functions are specified in terms of how various elements' activations change and impact performance.

The ACT-R learning mechanism plays a role in our model by specifying how each memory digit's activation is

digit is retrieved instead of the correct one) also occur in systematic ways that need to be reflected in our model. The ACT-R architecture provides a way to predict errors of commission through its partial-matching mechanism. Once the similarity between various items is specified (e.g., how



demonstrated above, one can then rigorously and quantitatively explore how varying a particular component