The figure illustrates the performance of three models (M1, M2, M3) across different numbers of PLS components and variables, as well as the RMSE for both training and test data.

- **Figure a**: A boxplot showing the distribution of a variable $\alpha$ for different numbers of PLS components.
- **Figure b**: A bar plot showing the RMSE for training data and test data across different numbers of PLS components.
- **Figure c**: A boxplot showing the distribution of variables for different models.
- **Figure d**: A boxplot showing the RMSE for training data across different numbers of variables.
- **Figure e**: A boxplot showing the RMSE for test data across different numbers of variables.