Quantitative evaluation of hand functions using a wearable glove with multiple sensors

Chaoyue Yin, Quan Liu, Wei Meng, Qingsong Ai School of Information Engineering, Wuhan University of Technology, China

- Evaluate hand functions using a **wearable glove** with multiple sensors.
- Obtain range of motion and evaluate flexibility.
- Use neural network to **score automatically** based on setting rehabilitation task.
- The accuracy of automatic scoring (classification) can reach **94.3**%.

