

Pseudo R-Code for extracting Tremor Score

```
signal_data <- c (Novice Motion Analysis Raw Data)
linear_model <- lm(signal_data ~ x_values)
fitted_values <- predict(linear_model)
residuals <- signal_data - fitted_values
sd_residuals <- sd(residuals)
print(sd_residuals)
```

Pseudo R-Code for extracting Extreme Movement Score

```
data <- c(Novice Motion Analysis Raw Data)
linear_model <- lm(data ~ x_values)
best_fit <- predict(linear_model)
residuals <- data - best_fit
sd_residuals <- sd(residuals)
print(sd_residuals)
```

Pseudo R-Code for extracting Movement Pattern Score

```
signal_data <- c(Novice Motion Analysis Raw Data)
sd_signal <- sd(signal_data)
print(sd_signal)
```

Note: The same codes can be used for Intermediates and Expert data