Univariate Analysis

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27/02/2021

# Y scales

#### *Q1 - Approximately many times would you say the ‘Salmon Ladder’ was used?*

# Both

#### Both - all

## Warning: NAs introduced by coercion

## con\_1\_all trn\_1\_all log\_1\_all   
## Min. :40.00 Min. :40.00 Min. :9.000e+00   
## 1st Qu.:41.00 1st Qu.:41.00 1st Qu.:3.000e+01   
## Median :41.00 Median :41.00 Median :3.500e+01   
## Mean :41.21 Mean :41.35 Mean :1.538e+13   
## 3rd Qu.:42.00 3rd Qu.:42.00 3rd Qu.:4.100e+01   
## Max. :45.00 Max. :45.00 Max. :1.000e+15   
## NA's :5

#### Both - v1 (CLT)

## con\_1 log\_1 trn\_1   
## Min. :40.00 Min. : 10.00 Min. :40.00   
## 1st Qu.:41.00 1st Qu.: 15.00 1st Qu.:41.00   
## Median :41.00 Median : 35.00 Median :41.00   
## Mean :40.92 Mean : 38.47 Mean :41.17   
## 3rd Qu.:41.00 3rd Qu.: 40.00 3rd Qu.:42.00   
## Max. :42.00 Max. :150.00 Max. :42.00

#### Both - v2 (CTL)

## con\_1 log\_1 trn\_1   
## Min. :40.00 Min. : 10.50 Min. :40   
## 1st Qu.:41.00 1st Qu.: 18.75 1st Qu.:41   
## Median :41.00 Median : 35.00 Median :41   
## Mean :41.42 Mean : 127.25 Mean :41   
## 3rd Qu.:42.00 3rd Qu.: 41.00 3rd Qu.:41   
## Max. :45.00 Max. :1000.00 Max. :42   
## NA's :2

#### Both - v3 (LCT)

## con\_1 log\_1 trn\_1   
## Min. :40.00 Min. :1.0e+01 Min. :40.00   
## 1st Qu.:40.25 1st Qu.:3.5e+01 1st Qu.:41.00   
## Median :41.00 Median :4.2e+01 Median :41.00   
## Mean :41.05 Mean :1.0e+14 Mean :40.95   
## 3rd Qu.:41.88 3rd Qu.:5.0e+01 3rd Qu.:41.00   
## Max. :42.00 Max. :1.0e+15 Max. :42.00

#### Both - v4 (LTC)

## con\_1 log\_1 trn\_1   
## Min. :40.00 Min. : 9.00 Min. :40.50   
## 1st Qu.:40.75 1st Qu.: 25.75 1st Qu.:41.00   
## Median :41.00 Median : 35.00 Median :41.50   
## Mean :40.92 Mean : 110.58 Mean :41.58   
## 3rd Qu.:41.00 3rd Qu.: 40.00 3rd Qu.:42.00   
## Max. :42.00 Max. :1000.00 Max. :43.00

#### Both - v5 (TCL)

## con\_1 log\_1 trn\_1   
## Min. :41.00 Min. :1.000e+01 Min. :41.00   
## 1st Qu.:41.00 1st Qu.:3.600e+01 1st Qu.:41.00   
## Median :41.00 Median :4.000e+01 Median :41.50   
## Mean :41.55 Mean :9.091e+07 Mean :42.05   
## 3rd Qu.:42.00 3rd Qu.:1.100e+02 3rd Qu.:42.50   
## Max. :43.00 Max. :1.000e+09 Max. :45.00

#### Both - v6 (TLC)

## con\_1 log\_1 trn\_1   
## Min. :40.00 Min. :13.00 Min. :40.00   
## 1st Qu.:41.00 1st Qu.:23.50 1st Qu.:41.00   
## Median :41.50 Median :33.00 Median :41.25   
## Mean :41.42 Mean :29.73 Mean :41.38   
## 3rd Qu.:42.00 3rd Qu.:34.50 3rd Qu.:42.00   
## Max. :42.00 Max. :50.00 Max. :42.00   
## NA's :1

# R

#### R - all

## con\_1\_r trn\_1\_r log\_1\_r   
## Min. :40.00 Min. :40.00 Min. : 30.00   
## 1st Qu.:41.00 1st Qu.:41.00 1st Qu.: 35.00   
## Median :41.00 Median :41.00 Median : 35.00   
## Mean :41.49 Mean :41.57 Mean : 39.74   
## 3rd Qu.:42.00 3rd Qu.:42.00 3rd Qu.: 40.00   
## Max. :43.00 Max. :45.00 Max. :120.00

#### R - v1 (CLT)

## con\_1 log\_1 trn\_1   
## Min. :41.00 Min. :32.00 Min. :40.50   
## 1st Qu.:41.00 1st Qu.:35.00 1st Qu.:41.00   
## Median :41.00 Median :37.50 Median :41.50   
## Mean :41.25 Mean :37.75 Mean :41.44   
## 3rd Qu.:41.25 3rd Qu.:40.00 3rd Qu.:42.00   
## Max. :42.00 Max. :45.00 Max. :42.00

#### R - v2 (CTL)

## con\_1 log\_1 trn\_1   
## Min. :40.00 Min. :30.00 Min. :40.00   
## 1st Qu.:41.00 1st Qu.:35.00 1st Qu.:41.00   
## Median :41.00 Median :38.00 Median :41.00   
## Mean :41.17 Mean :38.67 Mean :40.83   
## 3rd Qu.:41.75 3rd Qu.:41.00 3rd Qu.:41.00   
## Max. :42.00 Max. :50.00 Max. :41.00

#### R - v3 (LCT)

## con\_1 log\_1 trn\_1   
## Min. :41.0 Min. :35 Min. :41.0   
## 1st Qu.:41.5 1st Qu.:35 1st Qu.:41.0   
## Median :42.0 Median :40 Median :41.0   
## Mean :41.7 Mean :43 Mean :41.2   
## 3rd Qu.:42.0 3rd Qu.:50 3rd Qu.:41.0   
## Max. :42.0 Max. :55 Max. :42.0

#### R - v4 (LTC)

## con\_1 log\_1 trn\_1   
## Min. :41.00 Min. :33.00 Min. :41.00   
## 1st Qu.:41.00 1st Qu.:35.00 1st Qu.:41.50   
## Median :41.00 Median :40.00 Median :42.00   
## Mean :41.29 Mean :37.57 Mean :41.86   
## 3rd Qu.:41.50 3rd Qu.:40.00 3rd Qu.:42.00   
## Max. :42.00 Max. :40.00 Max. :43.00

#### R - v5 (TCL)

## con\_1 log\_1 trn\_1   
## Min. :41 Min. : 34.0 Min. :41.0   
## 1st Qu.:41 1st Qu.: 35.0 1st Qu.:41.0   
## Median :42 Median : 36.0 Median :42.0   
## Mean :42 Mean : 52.4 Mean :42.4   
## 3rd Qu.:43 3rd Qu.: 37.0 3rd Qu.:43.0   
## Max. :43 Max. :120.0 Max. :45.0

#### R - v6 (TLC)

## con\_1 log\_1 trn\_1   
## Min. :41.00 Min. :32.00 Min. :41.00   
## 1st Qu.:41.50 1st Qu.:33.00 1st Qu.:41.50   
## Median :42.00 Median :34.00 Median :42.00   
## Mean :41.71 Mean :33.71 Mean :41.71   
## 3rd Qu.:42.00 3rd Qu.:34.50 3rd Qu.:42.00   
## Max. :42.00 Max. :35.00 Max. :42.00

# Python

#### Python - all

## Warning: NAs introduced by coercion

## con\_1\_py trn\_1\_py log\_1\_py   
## Min. :40.00 Min. :40.00 Min. :9.000e+00   
## 1st Qu.:40.00 1st Qu.:41.00 1st Qu.:1.100e+01   
## Median :41.00 Median :41.00 Median :1.500e+01   
## Mean :40.87 Mean :41.10 Mean :3.846e+13   
## 3rd Qu.:41.00 3rd Qu.:41.25 3rd Qu.:5.000e+01   
## Max. :45.00 Max. :44.00 Max. :1.000e+15   
## NA's :5

#### Py - v1 (CLT)

## con\_1 log\_1 trn\_1   
## Min. :40.00 Min. :10.00 Min. :40.00   
## 1st Qu.:40.00 1st Qu.:10.11 1st Qu.:40.38   
## Median :40.00 Median :11.57 Median :40.75   
## Mean :40.25 Mean :12.04 Mean :40.62   
## 3rd Qu.:40.25 3rd Qu.:13.50 3rd Qu.:41.00   
## Max. :41.00 Max. :15.00 Max. :41.00

#### Py - v2 (CTL)

## con\_1 log\_1 trn\_1   
## Min. :40.00 Min. : 10.50 Min. :40.00   
## 1st Qu.:41.00 1st Qu.: 13.88 1st Qu.:41.00   
## Median :41.00 Median : 15.00 Median :41.00   
## Mean :41.67 Mean : 260.12 Mean :41.17   
## 3rd Qu.:41.75 3rd Qu.: 261.25 3rd Qu.:41.75   
## Max. :45.00 Max. :1000.00 Max. :42.00   
## NA's :2

#### Py - v3 (LCT)

## con\_1 log\_1 trn\_1   
## Min. :40.0 Min. :1.0e+01 Min. :40.0   
## 1st Qu.:40.0 1st Qu.:1.1e+01 1st Qu.:40.0   
## Median :40.0 Median :4.5e+01 Median :41.0   
## Mean :40.4 Mean :2.0e+14 Mean :40.7   
## 3rd Qu.:41.0 3rd Qu.:5.0e+01 3rd Qu.:41.0   
## Max. :41.0 Max. :1.0e+15 Max. :41.5

#### Py - v4 (LTC)

## con\_1 log\_1 trn\_1   
## Min. :40.0 Min. : 9.0 Min. :40.5   
## 1st Qu.:40.0 1st Qu.: 12.0 1st Qu.:41.0   
## Median :40.0 Median : 13.0 Median :41.0   
## Mean :40.4 Mean : 212.8 Mean :41.2   
## 3rd Qu.:41.0 3rd Qu.: 30.0 3rd Qu.:41.0   
## Max. :41.0 Max. :1000.0 Max. :42.5

#### Py - v5 (TCL)

## con\_1 log\_1 trn\_1   
## Min. :41.00 Min. :1.000e+01 Min. :41.00   
## 1st Qu.:41.00 1st Qu.:4.000e+01 1st Qu.:41.00   
## Median :41.00 Median :7.000e+01 Median :41.25   
## Mean :41.17 Mean :1.667e+08 Mean :41.75   
## 3rd Qu.:41.00 3rd Qu.:1.380e+02 3rd Qu.:41.88   
## Max. :42.00 Max. :1.000e+09 Max. :44.00

#### Py - v6 (TLC)

## con\_1 log\_1 trn\_1   
## Min. :40 Min. :13.00 Min. :40.00   
## 1st Qu.:41 1st Qu.:13.00 1st Qu.:41.00   
## Median :41 Median :14.00 Median :41.00   
## Mean :41 Mean :22.75 Mean :40.90   
## 3rd Qu.:41 3rd Qu.:23.75 3rd Qu.:41.25   
## Max. :42 Max. :50.00 Max. :41.25   
## NA's :1

#### *Q2 - Approximately how much more than ‘Log Grip’ would you say ‘Salmon Ladder’ was was used?*

# Both

#### Both - all

## con\_2\_all trn\_2\_all log\_2\_all   
## Min. :3.000 Min. :1.000 Min. :1.000   
## 1st Qu.:4.250 1st Qu.:5.000 1st Qu.:2.250   
## Median :5.000 Median :6.000 Median :3.500   
## Mean :5.357 Mean :5.871 Mean :3.671   
## 3rd Qu.:6.000 3rd Qu.:7.000 3rd Qu.:5.000   
## Max. :7.000 Max. :7.000 Max. :7.000

#### Both - v1 (CLT)

## con\_2 log\_2 trn\_2   
## Min. :4.000 Min. :2.000 Min. :2.000   
## 1st Qu.:4.000 1st Qu.:3.000 1st Qu.:5.000   
## Median :5.000 Median :3.000 Median :6.000   
## Mean :5.308 Mean :3.615 Mean :5.615   
## 3rd Qu.:6.000 3rd Qu.:4.000 3rd Qu.:7.000   
## Max. :7.000 Max. :6.000 Max. :7.000

#### Both - v2 (CTL)

## con\_2 log\_2 trn\_2   
## Min. :4.000 Min. :1.000 Min. :4.0   
## 1st Qu.:5.000 1st Qu.:2.000 1st Qu.:6.0   
## Median :6.000 Median :4.500 Median :7.0   
## Mean :5.833 Mean :3.917 Mean :6.5   
## 3rd Qu.:7.000 3rd Qu.:5.250 3rd Qu.:7.0   
## Max. :7.000 Max. :7.000 Max. :7.0

#### Both - v3 (LCT)

## con\_2 log\_2 trn\_2   
## Min. :4.00 Min. :1.0 Min. :1.00   
## 1st Qu.:5.25 1st Qu.:3.0 1st Qu.:5.25   
## Median :6.00 Median :4.5 Median :6.00   
## Mean :5.70 Mean :4.1 Mean :5.50   
## 3rd Qu.:6.00 3rd Qu.:5.0 3rd Qu.:6.75   
## Max. :7.00 Max. :6.0 Max. :7.00

#### Both - v4 (LTC)

## con\_2 log\_2 trn\_2   
## Min. :4.000 Min. :1.000 Min. :4.000   
## 1st Qu.:5.000 1st Qu.:2.750 1st Qu.:6.000   
## Median :5.000 Median :5.000 Median :7.000   
## Mean :5.167 Mean :4.167 Mean :6.417   
## 3rd Qu.:5.250 3rd Qu.:6.000 3rd Qu.:7.000   
## Max. :7.000 Max. :6.000 Max. :7.000

#### Both - v5 (TCL)

## con\_2 log\_2 trn\_2   
## Min. :3.000 Min. :1.000 Min. :4.000   
## 1st Qu.:3.500 1st Qu.:2.000 1st Qu.:5.000   
## Median :5.000 Median :3.000 Median :6.000   
## Mean :4.636 Mean :3.091 Mean :5.909   
## 3rd Qu.:5.500 3rd Qu.:4.000 3rd Qu.:7.000   
## Max. :7.000 Max. :5.000 Max. :7.000

#### Both - v6 (TLC)

## con\_2 log\_2 trn\_2   
## Min. :4.00 Min. :1.000 Min. :1.00   
## 1st Qu.:4.75 1st Qu.:2.000 1st Qu.:4.00   
## Median :5.50 Median :3.000 Median :6.00   
## Mean :5.50 Mean :3.167 Mean :5.25   
## 3rd Qu.:6.25 3rd Qu.:4.000 3rd Qu.:6.25   
## Max. :7.00 Max. :7.000 Max. :7.00

# R

#### R - all

## con\_2\_r trn\_2\_r log\_2\_r   
## Min. :3.0 Min. :1.000 Min. :1.000   
## 1st Qu.:5.0 1st Qu.:5.000 1st Qu.:3.000   
## Median :6.0 Median :6.000 Median :5.000   
## Mean :5.5 Mean :5.895 Mean :4.263   
## 3rd Qu.:6.0 3rd Qu.:7.000 3rd Qu.:5.750   
## Max. :7.0 Max. :7.000 Max. :7.000

#### R - v1 (CLT)

## con\_2 log\_2 trn\_2   
## Min. :4.000 Min. :2.000 Min. :4.00   
## 1st Qu.:5.000 1st Qu.:3.750 1st Qu.:5.00   
## Median :5.500 Median :4.000 Median :6.00   
## Mean :5.375 Mean :4.125 Mean :5.75   
## 3rd Qu.:6.000 3rd Qu.:5.000 3rd Qu.:6.25   
## Max. :6.000 Max. :6.000 Max. :7.00

#### R - v2 (CTL)

## con\_2 log\_2 trn\_2   
## Min. :5.000 Min. :3.00 Min. :6.000   
## 1st Qu.:6.000 1st Qu.:5.00 1st Qu.:7.000   
## Median :6.500 Median :5.00 Median :7.000   
## Mean :6.333 Mean :5.00 Mean :6.833   
## 3rd Qu.:7.000 3rd Qu.:5.75 3rd Qu.:7.000   
## Max. :7.000 Max. :6.00 Max. :7.000

#### R - v3 (LCT)

## con\_2 log\_2 trn\_2   
## Min. :4 Min. :3.0 Min. :4.0   
## 1st Qu.:6 1st Qu.:4.0 1st Qu.:5.0   
## Median :6 Median :5.0 Median :6.0   
## Mean :6 Mean :4.8 Mean :5.8   
## 3rd Qu.:7 3rd Qu.:6.0 3rd Qu.:7.0   
## Max. :7 Max. :6.0 Max. :7.0

#### R - v4 (LTC)

## con\_2 log\_2 trn\_2   
## Min. :4.000 Min. :1 Min. :4.000   
## 1st Qu.:5.000 1st Qu.:5 1st Qu.:6.000   
## Median :5.000 Median :6 Median :7.000   
## Mean :5.429 Mean :5 Mean :6.286   
## 3rd Qu.:6.000 3rd Qu.:6 3rd Qu.:7.000   
## Max. :7.000 Max. :6 Max. :7.000

#### R - v5 (TCL)

## con\_2 log\_2 trn\_2   
## Min. :3.0 Min. :1 Min. :5.0   
## 1st Qu.:3.0 1st Qu.:2 1st Qu.:6.0   
## Median :5.0 Median :3 Median :6.0   
## Mean :4.8 Mean :3 Mean :6.2   
## 3rd Qu.:6.0 3rd Qu.:4 3rd Qu.:7.0   
## Max. :7.0 Max. :5 Max. :7.0

#### R - v6 (TLC)

## con\_2 log\_2 trn\_2   
## Min. :4.000 Min. :2.000 Min. :1.000   
## 1st Qu.:4.500 1st Qu.:2.500 1st Qu.:4.000   
## Median :5.000 Median :3.000 Median :5.000   
## Mean :5.143 Mean :3.571 Mean :4.714   
## 3rd Qu.:5.500 3rd Qu.:4.000 3rd Qu.:6.000   
## Max. :7.000 Max. :7.000 Max. :7.000

# Python

#### Py - all

## con\_2\_py trn\_2\_py log\_2\_py   
## Min. :3.000 Min. :1.000 Min. :1.000   
## 1st Qu.:4.000 1st Qu.:5.500 1st Qu.:2.000   
## Median :5.000 Median :6.000 Median :3.000   
## Mean :5.129 Mean :5.806 Mean :2.968   
## 3rd Qu.:6.000 3rd Qu.:7.000 3rd Qu.:4.000   
## Max. :7.000 Max. :7.000 Max. :7.000

#### Py - v1 (CLT)

## con\_2 log\_2 trn\_2   
## Min. :4.00 Min. :2.00 Min. :2.0   
## 1st Qu.:4.00 1st Qu.:2.75 1st Qu.:3.5   
## Median :4.00 Median :3.00 Median :5.5   
## Mean :4.75 Mean :2.75 Mean :5.0   
## 3rd Qu.:4.75 3rd Qu.:3.00 3rd Qu.:7.0   
## Max. :7.00 Max. :3.00 Max. :7.0

#### Py - v2 (CTL)

## con\_2 log\_2 trn\_2   
## Min. :4.000 Min. :1.000 Min. :4.000   
## 1st Qu.:4.250 1st Qu.:1.250 1st Qu.:6.000   
## Median :5.000 Median :2.000 Median :6.500   
## Mean :5.333 Mean :2.833 Mean :6.167   
## 3rd Qu.:6.500 3rd Qu.:3.500 3rd Qu.:7.000   
## Max. :7.000 Max. :7.000 Max. :7.000

#### Py - v3 (LCT)

## con\_2 log\_2 trn\_2   
## Min. :4.0 Min. :1.0 Min. :1.0   
## 1st Qu.:5.0 1st Qu.:3.0 1st Qu.:6.0   
## Median :6.0 Median :3.0 Median :6.0   
## Mean :5.4 Mean :3.4 Mean :5.2   
## 3rd Qu.:6.0 3rd Qu.:5.0 3rd Qu.:6.0   
## Max. :6.0 Max. :5.0 Max. :7.0

#### Py - v4 (LTC)

## con\_2 log\_2 trn\_2   
## Min. :4.0 Min. :1 Min. :6.0   
## 1st Qu.:5.0 1st Qu.:2 1st Qu.:6.0   
## Median :5.0 Median :3 Median :7.0   
## Mean :4.8 Mean :3 Mean :6.6   
## 3rd Qu.:5.0 3rd Qu.:4 3rd Qu.:7.0   
## Max. :5.0 Max. :5 Max. :7.0

#### Py - v5 (TCL)

## con\_2 log\_2 trn\_2   
## Min. :3.0 Min. :2.000 Min. :4.000   
## 1st Qu.:4.0 1st Qu.:2.250 1st Qu.:5.000   
## Median :4.5 Median :3.000 Median :5.500   
## Mean :4.5 Mean :3.167 Mean :5.667   
## 3rd Qu.:5.0 3rd Qu.:3.750 3rd Qu.:6.750   
## Max. :6.0 Max. :5.000 Max. :7.000

#### Py - v6 (TLC)

## con\_2 log\_2 trn\_2   
## Min. :4 Min. :1.0 Min. :4   
## 1st Qu.:6 1st Qu.:1.0 1st Qu.:6   
## Median :6 Median :3.0 Median :6   
## Mean :6 Mean :2.6 Mean :6   
## 3rd Qu.:7 3rd Qu.:4.0 3rd Qu.:7   
## Max. :7 Max. :4.0 Max. :7

#### *Q3 - Approximately how much more than ‘Quintuple Steps’ would you say ‘Salmon Ladder’ was used?*

# Both

#### Both - all

## con\_3\_all trn\_3\_all log\_3\_all   
## Min. :1.000 Min. :2.000 Min. :1.000   
## 1st Qu.:2.000 1st Qu.:3.000 1st Qu.:1.000   
## Median :3.000 Median :4.000 Median :2.000   
## Mean :3.129 Mean :3.771 Mean :2.229   
## 3rd Qu.:4.000 3rd Qu.:4.750 3rd Qu.:3.000   
## Max. :7.000 Max. :7.000 Max. :6.000

#### Both - v1 (CLT)

## con\_3 log\_3 trn\_3   
## Min. :2 Min. :1.000 Min. :2   
## 1st Qu.:2 1st Qu.:1.000 1st Qu.:3   
## Median :3 Median :2.000 Median :4   
## Mean :3 Mean :1.923 Mean :4   
## 3rd Qu.:4 3rd Qu.:2.000 3rd Qu.:5   
## Max. :4 Max. :3.000 Max. :7

#### Both - v2 (CTL)

## con\_3 log\_3 trn\_3   
## Min. :2.000 Min. :1.000 Min. :2.000   
## 1st Qu.:2.000 1st Qu.:1.750 1st Qu.:3.000   
## Median :3.000 Median :2.500 Median :4.000   
## Mean :3.167 Mean :2.417 Mean :3.583   
## 3rd Qu.:3.250 3rd Qu.:3.000 3rd Qu.:4.000   
## Max. :7.000 Max. :5.000 Max. :5.000

#### Both - v3 (LCT)

## con\_3 log\_3 trn\_3   
## Min. :2 Min. :1.00 Min. :2.0   
## 1st Qu.:3 1st Qu.:1.25 1st Qu.:3.0   
## Median :3 Median :2.50 Median :3.5   
## Mean :3 Mean :2.40 Mean :3.5   
## 3rd Qu.:3 3rd Qu.:3.00 3rd Qu.:4.0   
## Max. :4 Max. :4.00 Max. :5.0

#### Both - v4 (LTC)

## con\_3 log\_3 trn\_3   
## Min. :2.000 Min. :1.000 Min. :2.00   
## 1st Qu.:3.000 1st Qu.:1.750 1st Qu.:4.00   
## Median :3.000 Median :2.500 Median :4.50   
## Mean :3.667 Mean :2.917 Mean :4.50   
## 3rd Qu.:4.250 3rd Qu.:4.000 3rd Qu.:5.25   
## Max. :6.000 Max. :6.000 Max. :6.00

#### Both - v5 (TCL)

## con\_3 log\_3 trn\_3   
## Min. :1.000 Min. :1.000 Min. :2.000   
## 1st Qu.:2.000 1st Qu.:1.000 1st Qu.:3.000   
## Median :2.000 Median :1.000 Median :3.000   
## Mean :2.545 Mean :1.818 Mean :3.273   
## 3rd Qu.:3.000 3rd Qu.:2.000 3rd Qu.:4.000   
## Max. :5.000 Max. :5.000 Max. :5.000

#### Both - v6 (TLC)

## con\_3 log\_3 trn\_3   
## Min. :2.000 Min. :1.000 Min. :2.000   
## 1st Qu.:3.000 1st Qu.:1.000 1st Qu.:3.000   
## Median :3.000 Median :1.500 Median :4.000   
## Mean :3.333 Mean :1.917 Mean :3.667   
## 3rd Qu.:4.000 3rd Qu.:2.000 3rd Qu.:4.250   
## Max. :5.000 Max. :5.000 Max. :5.000

# R

#### R - all

## con\_3\_r trn\_3\_r log\_3\_r   
## Min. :2.000 Min. :2.000 Min. :1.0   
## 1st Qu.:2.250 1st Qu.:3.000 1st Qu.:1.0   
## Median :3.000 Median :4.000 Median :2.0   
## Mean :3.342 Mean :3.763 Mean :2.5   
## 3rd Qu.:4.000 3rd Qu.:4.750 3rd Qu.:3.0   
## Max. :7.000 Max. :6.000 Max. :6.0

#### R - v1 (CLT)

## con\_3 log\_3 trn\_3   
## Min. :2.00 Min. :1.00 Min. :2.00   
## 1st Qu.:2.00 1st Qu.:1.75 1st Qu.:2.75   
## Median :2.50 Median :2.00 Median :4.00   
## Mean :2.75 Mean :2.00 Mean :3.75   
## 3rd Qu.:3.25 3rd Qu.:2.25 3rd Qu.:5.00   
## Max. :4.00 Max. :3.00 Max. :5.00

#### R - v2 (CTL)

## con\_3 log\_3 trn\_3   
## Min. :2.00 Min. :1.000 Min. :2.000   
## 1st Qu.:2.25 1st Qu.:2.000 1st Qu.:3.250   
## Median :3.00 Median :2.500 Median :4.000   
## Mean :3.50 Mean :2.333 Mean :3.667   
## 3rd Qu.:3.75 3rd Qu.:3.000 3rd Qu.:4.000   
## Max. :7.00 Max. :3.000 Max. :5.000

#### R - v3 (LCT)

## con\_3 log\_3 trn\_3   
## Min. :2.0 Min. :1.0 Min. :2.0   
## 1st Qu.:2.0 1st Qu.:2.0 1st Qu.:3.0   
## Median :3.0 Median :3.0 Median :3.0   
## Mean :2.8 Mean :2.8 Mean :3.2   
## 3rd Qu.:3.0 3rd Qu.:4.0 3rd Qu.:4.0   
## Max. :4.0 Max. :4.0 Max. :4.0

#### R - v4 (LTC)

## con\_3 log\_3 trn\_3   
## Min. :3.000 Min. :1.000 Min. :2.000   
## 1st Qu.:3.500 1st Qu.:2.500 1st Qu.:3.500   
## Median :4.000 Median :4.000 Median :5.000   
## Mean :4.286 Mean :3.571 Mean :4.571   
## 3rd Qu.:5.000 3rd Qu.:4.500 3rd Qu.:6.000   
## Max. :6.000 Max. :6.000 Max. :6.000

#### R - v5 (TCL)

## con\_3 log\_3 trn\_3   
## Min. :2.0 Min. :1 Min. :2.0   
## 1st Qu.:3.0 1st Qu.:1 1st Qu.:3.0   
## Median :3.0 Median :1 Median :3.0   
## Mean :3.2 Mean :2 Mean :3.2   
## 3rd Qu.:3.0 3rd Qu.:2 3rd Qu.:4.0   
## Max. :5.0 Max. :5 Max. :4.0

#### R - v6 (TLC)

## con\_3 log\_3 trn\_3   
## Min. :2.000 Min. :1.000 Min. :3.000   
## 1st Qu.:3.000 1st Qu.:1.000 1st Qu.:3.000   
## Median :3.000 Median :2.000 Median :4.000   
## Mean :3.429 Mean :2.286 Mean :3.857   
## 3rd Qu.:4.000 3rd Qu.:3.000 3rd Qu.:4.500   
## Max. :5.000 Max. :5.000 Max. :5.000

#### Python

## con\_3\_py trn\_3\_py log\_3\_py   
## Min. :1.000 Min. :2.000 Min. :1.000   
## 1st Qu.:2.000 1st Qu.:3.000 1st Qu.:1.000   
## Median :3.000 Median :4.000 Median :2.000   
## Mean :2.839 Mean :3.774 Mean :1.903   
## 3rd Qu.:3.000 3rd Qu.:4.500 3rd Qu.:2.500   
## Max. :5.000 Max. :7.000 Max. :5.000

#### Py - v1 (CLT)

## con\_3 log\_3 trn\_3   
## Min. :3.00 Min. :1.00 Min. :3.0   
## 1st Qu.:3.00 1st Qu.:1.00 1st Qu.:3.0   
## Median :3.00 Median :1.50 Median :4.0   
## Mean :3.25 Mean :1.75 Mean :4.5   
## 3rd Qu.:3.25 3rd Qu.:2.25 3rd Qu.:5.5   
## Max. :4.00 Max. :3.00 Max. :7.0

#### Py - v2 (CTL)

## con\_3 log\_3 trn\_3   
## Min. :2.000 Min. :1.00 Min. :2.0   
## 1st Qu.:2.000 1st Qu.:1.25 1st Qu.:3.0   
## Median :2.500 Median :2.50 Median :3.5   
## Mean :2.833 Mean :2.50 Mean :3.5   
## 3rd Qu.:3.000 3rd Qu.:3.00 3rd Qu.:4.0   
## Max. :5.000 Max. :5.00 Max. :5.0

#### Py - v3 (LCT)

## con\_3 log\_3 trn\_3   
## Min. :3.0 Min. :1 Min. :3.0   
## 1st Qu.:3.0 1st Qu.:1 1st Qu.:3.0   
## Median :3.0 Median :2 Median :4.0   
## Mean :3.2 Mean :2 Mean :3.8   
## 3rd Qu.:3.0 3rd Qu.:3 3rd Qu.:4.0   
## Max. :4.0 Max. :3 Max. :5.0

#### Py - v4 (LTC)

## con\_3 log\_3 trn\_3   
## Min. :2.0 Min. :1 Min. :4.0   
## 1st Qu.:3.0 1st Qu.:1 1st Qu.:4.0   
## Median :3.0 Median :2 Median :4.0   
## Mean :2.8 Mean :2 Mean :4.4   
## 3rd Qu.:3.0 3rd Qu.:2 3rd Qu.:5.0   
## Max. :3.0 Max. :4 Max. :5.0

#### Py - v5 (TCL)

## con\_3 log\_3 trn\_3   
## Min. :1 Min. :1.000 Min. :2.000   
## 1st Qu.:2 1st Qu.:1.000 1st Qu.:3.000   
## Median :2 Median :1.500 Median :3.000   
## Mean :2 Mean :1.667 Mean :3.333   
## 3rd Qu.:2 3rd Qu.:2.000 3rd Qu.:3.750   
## Max. :3 Max. :3.000 Max. :5.000

#### Py - v6 (TLC)

## con\_3 log\_3 trn\_3   
## Min. :2.0 Min. :1.0 Min. :2.0   
## 1st Qu.:3.0 1st Qu.:1.0 1st Qu.:2.0   
## Median :3.0 Median :1.0 Median :4.0   
## Mean :3.2 Mean :1.4 Mean :3.4   
## 3rd Qu.:4.0 3rd Qu.:2.0 3rd Qu.:4.0   
## Max. :4.0 Max. :2.0 Max. :5.0

#### *Q4 - In your opinion, approximately how many times would you say ‘Log Grip’ was used, as a percentage of the number of times ‘Salmon Ladder’ was used?*

# Both

#### Both - all

## con\_4\_all trn\_4\_all log\_4\_all   
## Min. : 5.00 Min. : 0.0500 Min. : 3.00   
## 1st Qu.:50.00 1st Qu.: 0.4800 1st Qu.:42.25   
## Median :50.00 Median : 0.5000 Median :65.50   
## Mean :47.66 Mean : 9.6648 Mean :56.12   
## 3rd Qu.:50.00 3rd Qu.: 0.5025 3rd Qu.:80.00   
## Max. :75.00 Max. :100.0000 Max. :90.00   
## NA's :3 NA's :2 NA's :4

#### Both - v1 (CLT)

## con\_4 log\_4 trn\_4   
## Min. :15.00 Min. :10.00 Min. : 5.00   
## 1st Qu.:48.62 1st Qu.:41.75 1st Qu.: 48.62   
## Median :50.00 Median :58.00 Median : 50.00   
## Mean :47.62 Mean :56.25 Mean : 46.38   
## 3rd Qu.:50.00 3rd Qu.:81.25 3rd Qu.: 50.00   
## Max. :75.00 Max. :90.00 Max. :100.00   
## NA's :1 NA's :1 NA's :1

#### Both - v2 (CTL)

## con\_4 log\_4 trn\_4   
## Min. :12.50 Min. : 3.00 Min. : 5.00   
## 1st Qu.:50.00 1st Qu.:25.00 1st Qu.: 11.88   
## Median :50.00 Median :50.00 Median : 50.00   
## Mean :47.04 Mean :48.17 Mean : 39.38   
## 3rd Qu.:50.00 3rd Qu.:72.50 3rd Qu.: 50.50   
## Max. :56.00 Max. :90.00 Max. :100.00

#### Both - v3 (LCT)

## con\_4 log\_4 trn\_4   
## Min. : 5.0 Min. : 3.00 Min. : 3.00   
## 1st Qu.:50.0 1st Qu.:51.25 1st Qu.:45.75   
## Median :50.0 Median :62.00 Median :50.00   
## Mean :46.3 Mean :56.70 Mean :40.30   
## 3rd Qu.:50.0 3rd Qu.:73.75 3rd Qu.:50.00   
## Max. :60.0 Max. :85.00 Max. :52.00

#### Both - v4 (LTC)

## con\_4 log\_4 trn\_4   
## Min. :33.00 Min. :10.00 Min. : 1   
## 1st Qu.:50.00 1st Qu.:48.75 1st Qu.:10   
## Median :50.00 Median :71.00 Median :50   
## Mean :49.33 Mean :59.33 Mean :36   
## 3rd Qu.:51.50 3rd Qu.:80.00 3rd Qu.:50   
## Max. :60.00 Max. :90.00 Max. :51

#### Both - v5 (TCL)

## con\_4 log\_4 trn\_4   
## Min. :15.00 Min. :10.00 Min. : 5.00   
## 1st Qu.:46.25 1st Qu.:20.00 1st Qu.:10.00   
## Median :50.00 Median :70.00 Median :48.00   
## Mean :43.50 Mean :55.00 Mean :31.64   
## 3rd Qu.:50.00 3rd Qu.:78.75 3rd Qu.:50.00   
## Max. :50.00 Max. :90.00 Max. :50.00   
## NA's :1 NA's :1

#### Both - v6 (TLC)

## con\_4 log\_4 trn\_4   
## Min. :50.00 Min. :10.00 Min. :10   
## 1st Qu.:50.00 1st Qu.:53.75 1st Qu.:50   
## Median :50.00 Median :68.30 Median :50   
## Mean :51.55 Mean :62.16 Mean :45   
## 3rd Qu.:51.00 3rd Qu.:73.75 3rd Qu.:50   
## Max. :60.00 Max. :90.00 Max. :50   
## NA's :1 NA's :2 NA's :1

# R

#### R - all

## con\_4\_r trn\_4\_r log\_4\_r   
## Min. :12.50 Min. : 1.00 Min. : 3.00   
## 1st Qu.:50.00 1st Qu.: 48.00 1st Qu.:49.75   
## Median :50.00 Median : 50.00 Median :62.00   
## Mean :47.04 Mean : 42.04 Mean :55.02   
## 3rd Qu.:50.00 3rd Qu.: 50.00 3rd Qu.:75.00   
## Max. :75.00 Max. :100.00 Max. :90.00   
## NA's :2 NA's :1 NA's :2

#### R - v1 (CLT)

## con\_4 log\_4 trn\_4   
## Min. :15.00 Min. :10.00 Min. : 5.00   
## 1st Qu.:49.75 1st Qu.:49.75 1st Qu.:38.00   
## Median :50.00 Median :58.00 Median :50.00   
## Mean :49.25 Mean :59.38 Mean :38.62   
## 3rd Qu.:51.25 3rd Qu.:80.00 3rd Qu.:50.00   
## Max. :75.00 Max. :90.00 Max. :50.00

#### R - v2 (CTL)

## con\_4 log\_4 trn\_4   
## Min. :12.50 Min. : 3.00 Min. : 10.00   
## 1st Qu.:50.00 1st Qu.:50.00 1st Qu.: 21.88   
## Median :50.00 Median :55.00 Median : 50.00   
## Mean :43.75 Mean :52.17 Mean : 45.75   
## 3rd Qu.:50.00 3rd Qu.:67.50 3rd Qu.: 51.50   
## Max. :50.00 Max. :80.00 Max. :100.00

#### R - v3 (LCT)

## con\_4 log\_4 trn\_4   
## Min. :48.0 Min. :55.0 Min. :45.0   
## 1st Qu.:50.0 1st Qu.:60.0 1st Qu.:50.0   
## Median :50.0 Median :64.0 Median :50.0   
## Mean :49.6 Mean :65.8 Mean :49.4   
## 3rd Qu.:50.0 3rd Qu.:75.0 3rd Qu.:50.0   
## Max. :50.0 Max. :75.0 Max. :52.0

#### R - v4 (LTC)

## con\_4 log\_4 trn\_4   
## Min. :33.00 Min. :10.00 Min. : 1.00   
## 1st Qu.:50.00 1st Qu.:37.50 1st Qu.:50.00   
## Median :50.00 Median :65.00 Median :50.00   
## Mean :48.14 Mean :53.86 Mean :43.14   
## 3rd Qu.:50.50 3rd Qu.:73.50 3rd Qu.:50.00   
## Max. :53.00 Max. :80.00 Max. :51.00

#### R - v5 (TCL)

## con\_4 log\_4 trn\_4   
## Min. :15.0 Min. :10.00 Min. : 5.0   
## 1st Qu.:22.5 1st Qu.:10.00 1st Qu.:10.0   
## Median :37.5 Median :45.00 Median :48.0   
## Mean :35.0 Mean :46.25 Mean :32.6   
## 3rd Qu.:50.0 3rd Qu.:81.25 3rd Qu.:50.0   
## Max. :50.0 Max. :85.00 Max. :50.0   
## NA's :1 NA's :1

#### R - v6 (TLC)

## con\_4 log\_4 trn\_4   
## Min. :50.0 Min. :10.00 Min. :10.00   
## 1st Qu.:50.0 1st Qu.:42.50 1st Qu.:50.00   
## Median :50.0 Median :57.50 Median :50.00   
## Mean :52.0 Mean :50.27 Mean :43.33   
## 3rd Qu.:51.5 3rd Qu.:66.20 3rd Qu.:50.00   
## Max. :60.0 Max. :70.00 Max. :50.00   
## NA's :1 NA's :1 NA's :1

# Python

#### Python - all

## con\_4\_py trn\_4\_py log\_4\_py   
## Min. : 5.0 Min. : 3.0 Min. : 3.00   
## 1st Qu.:50.0 1st Qu.: 10.0 1st Qu.:30.00   
## Median :50.0 Median : 50.0 Median :70.00   
## Mean :48.4 Mean : 36.8 Mean :56.48   
## 3rd Qu.:50.0 3rd Qu.: 50.0 3rd Qu.:85.00   
## Max. :60.0 Max. :100.0 Max. :90.00   
## NA's :1 NA's :1 NA's :2

#### Py - v1 (CLT)

## con\_4 log\_4 trn\_4   
## Min. :30.00 Min. :10.00 Min. : 50.00   
## 1st Qu.:40.00 1st Qu.:15.00 1st Qu.: 50.00   
## Median :50.00 Median :20.00 Median : 50.00   
## Mean :43.33 Mean :38.33 Mean : 66.67   
## 3rd Qu.:50.00 3rd Qu.:52.50 3rd Qu.: 75.00   
## Max. :50.00 Max. :85.00 Max. :100.00   
## NA's :1 NA's :1 NA's :1

#### Py - v2 (CTL)

## con\_4 log\_4 trn\_4   
## Min. :12.50 Min. : 3.00 Min. : 5.00   
## 1st Qu.:50.00 1st Qu.: 6.25 1st Qu.:13.75   
## Median :50.00 Median :20.00 Median :37.50   
## Mean :44.75 Mean :29.67 Mean :33.00   
## 3rd Qu.:50.00 3rd Qu.:45.00 3rd Qu.:50.00   
## Max. :56.00 Max. :80.00 Max. :58.00

#### Py - v3 (LCT)

## con\_4 log\_4 trn\_4   
## Min. : 5 Min. : 3.0 Min. : 3.0   
## 1st Qu.:50 1st Qu.:30.0 1st Qu.: 5.0   
## Median :50 Median :50.0 Median :48.0   
## Mean :43 Mean :47.6 Mean :31.2   
## 3rd Qu.:50 3rd Qu.:70.0 3rd Qu.:50.0   
## Max. :60 Max. :85.0 Max. :50.0

#### Py - v4 (LTC)

## con\_4 log\_4 trn\_4   
## Min. :40 Min. :10 Min. :10   
## 1st Qu.:50 1st Qu.:70 1st Qu.:10   
## Median :50 Median :80 Median :10   
## Mean :51 Mean :67 Mean :26   
## 3rd Qu.:55 3rd Qu.:85 3rd Qu.:50   
## Max. :60 Max. :90 Max. :50

#### Py - v5 (TCL)

## con\_4 log\_4 trn\_4   
## Min. :45.00 Min. :10.00 Min. :10.00   
## 1st Qu.:50.00 1st Qu.:55.00 1st Qu.:11.25   
## Median :50.00 Median :70.00 Median :32.50   
## Mean :49.17 Mean :60.83 Mean :30.83   
## 3rd Qu.:50.00 3rd Qu.:73.75 3rd Qu.:50.00   
## Max. :50.00 Max. :90.00 Max. :50.00

#### Py - v6 (TLC)

## con\_4 log\_4 trn\_4   
## Min. :50 Min. :70.00 Min. :35   
## 1st Qu.:50 1st Qu.:73.75 1st Qu.:50   
## Median :50 Median :80.00 Median :50   
## Mean :51 Mean :80.00 Mean :47   
## 3rd Qu.:50 3rd Qu.:86.25 3rd Qu.:50   
## Max. :55 Max. :90.00 Max. :50   
## NA's :1