

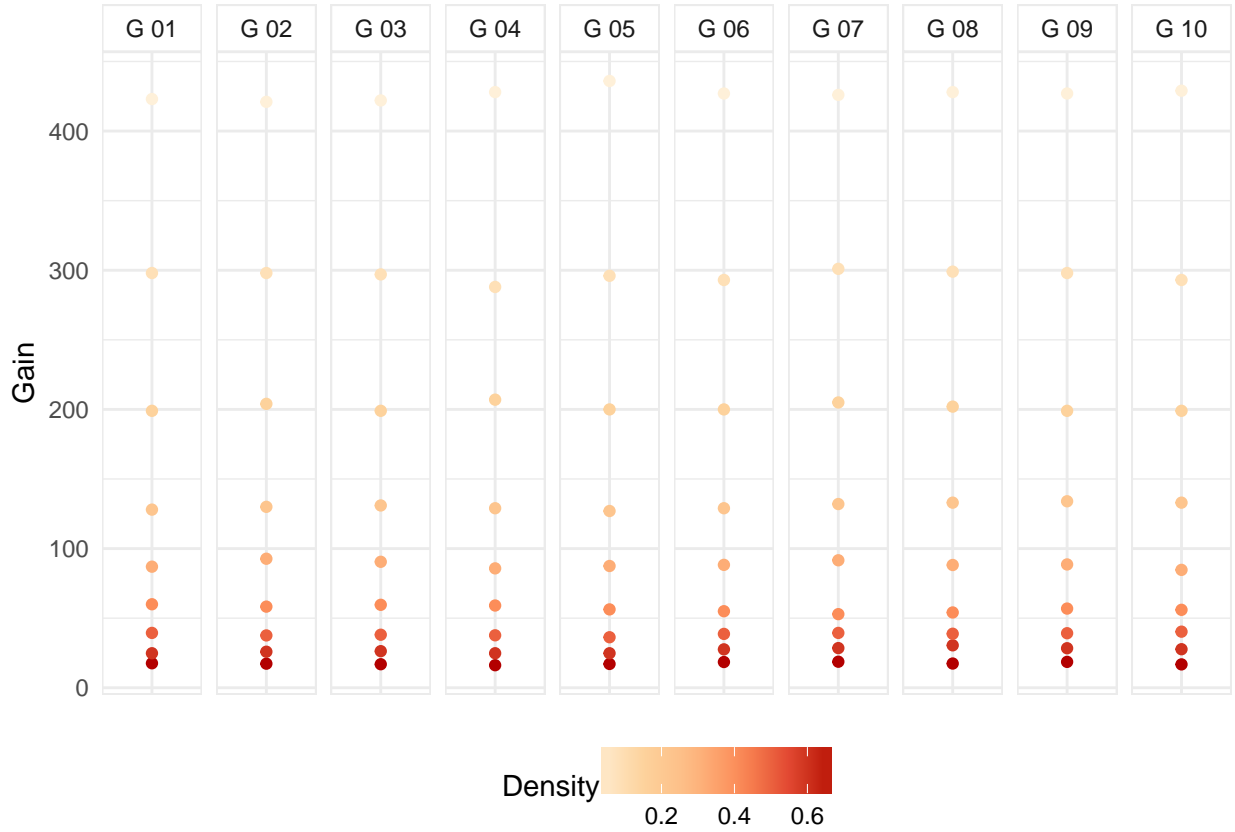
Snow

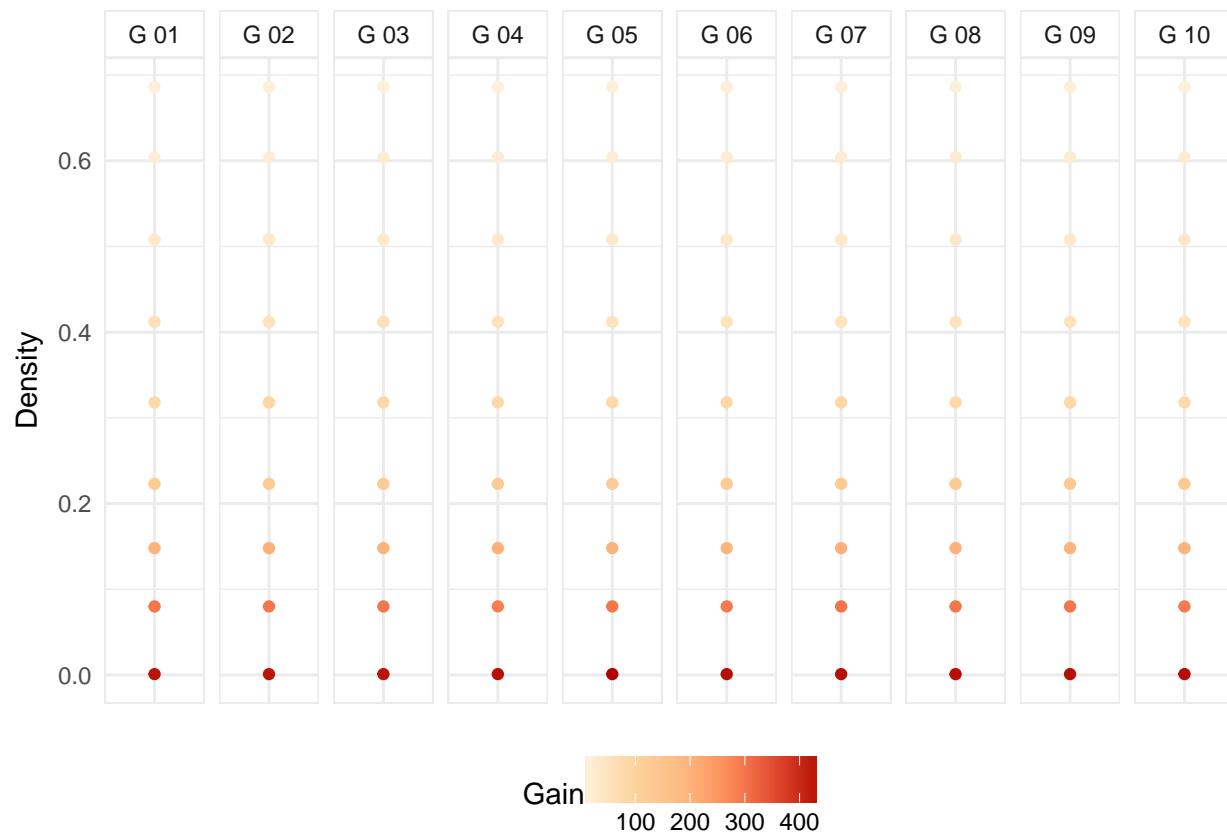
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Table 1: Wide Data

Density	G 01	G 02	G 03	G 04	G 05	G 06	G 07	G 08	G 09	G 10
0.686	17.6	17.3	16.9	16.2	17.1	18.5	18.7	17.4	18.6	16.8
0.604	24.8	25.9	26.3	24.8	24.8	27.6	28.5	30.5	28.4	27.7
0.508	39.4	37.6	38.1	37.7	36.3	38.7	39.4	38.8	39.2	40.3
0.412	60.0	58.3	59.6	59.1	56.3	55.0	52.9	54.1	56.9	56.0
0.318	87.0	92.7	90.5	85.8	87.5	88.3	91.6	88.2	88.6	84.7
0.223	128.0	130.0	131.0	129.0	127.0	129.0	132.0	133.0	134.0	133.0
0.148	199.0	204.0	199.0	207.0	200.0	200.0	205.0	202.0	199.0	199.0
0.080	298.0	298.0	297.0	288.0	296.0	293.0	301.0	299.0	298.0	293.0
0.001	423.0	421.0	422.0	428.0	436.0	427.0	426.0	428.0	427.0	429.0





```
##
## Call:
## lm(formula = Gain ~ Density + Gauge, data = .)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -72.84  -43.75  -10.04   30.59  118.06
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   318.00146    22.32499   14.244  <2e-16 ***
## Density      -531.95071    28.44626  -18.700  <2e-16 ***
## GaugeG 02       0.88889    28.62481    0.031    0.975
## GaugeG 03       0.40000    28.62481    0.014    0.989
## GaugeG 04      -0.13333    28.62481   -0.005    0.996
## GaugeG 05       0.46667    28.62481    0.016    0.987
## GaugeG 06       0.03333    28.62481    0.001    0.999
## GaugeG 07       2.03333    28.62481    0.071    0.944
## GaugeG 08       1.57778    28.62481    0.055    0.956
## GaugeG 09       1.43333    28.62481    0.050    0.960
## GaugeG 10       0.30000    28.62481    0.010    0.992
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 60.72 on 79 degrees of freedom
## Multiple R-squared:  0.8157, Adjusted R-squared:  0.7924
```

F-statistic: 34.97 on 10 and 79 DF, p-value: < 2.2e-16

