Table 1: Summary of Gene Expression by Concentration and Treatment

| Concentration | Mean Gene Expression | Minimum Gene Expression | Median Gene Expression | Maximum Gene Expression | STDEV Gene Expression | Total Observations |
| --- | --- | --- | --- | --- | --- | --- |
| **Activating Factor 42** | | | | | | |
| 0 | 9.77 | 8.12 | 9.77 | 11.40 | 1.39 | 4 |
| 1 | 11.96 | 10.35 | 11.83 | 13.83 | 1.84 | 4 |
| 2 | 14.21 | 9.80 | 14.18 | 18.70 | 3.75 | 4 |
| 3 | 15.43 | 9.46 | 15.96 | 20.32 | 5.22 | 4 |
| 4 | 17.21 | 8.21 | 18.14 | 24.33 | 7.00 | 4 |
| 5 | 19.88 | 8.46 | 21.00 | 29.07 | 9.07 | 4 |
| 6 | 20.38 | 9.44 | 21.12 | 29.83 | 8.93 | 4 |
| 7 | 21.92 | 7.45 | 23.60 | 33.04 | 11.40 | 4 |
| 8 | 24.52 | 8.31 | 26.84 | 36.10 | 12.98 | 4 |
| 9 | 27.44 | 10.27 | 29.36 | 40.77 | 13.75 | 4 |
| 10 | 28.99 | 8.83 | 31.35 | 44.44 | 15.91 | 4 |
| **Placebo** | | | | | | |
| 0 | 6.47 | 5.05 | 6.54 | 7.75 | 1.21 | 4 |
| 1 | 5.95 | 3.34 | 5.96 | 8.53 | 2.58 | 4 |
| 2 | 8.11 | 5.54 | 7.71 | 11.47 | 2.61 | 4 |
| 3 | 7.95 | 4.89 | 8.00 | 10.89 | 2.80 | 4 |
| 4 | 8.06 | 3.44 | 7.42 | 13.98 | 4.64 | 4 |
| 5 | 9.57 | 4.74 | 8.55 | 16.45 | 5.50 | 4 |
| 6 | 9.70 | 2.58 | 9.38 | 17.45 | 7.21 | 4 |
| 7 | 10.37 | 2.97 | 9.66 | 19.18 | 7.98 | 4 |
| 8 | 12.23 | 3.68 | 11.51 | 22.24 | 8.98 | 4 |
| 9 | 11.95 | 3.46 | 11.36 | 21.61 | 9.18 | 4 |
| 10 | 12.82 | 3.77 | 12.14 | 23.24 | 10.35 | 4 |