# **Table**

Comparison of the study recruitment rate (qualified (control + test)/screened) across severity levels (high/medium/low), to ascertain which severity level is statistically more in need of psychosocial interventions.

**High severity level**

* Screened= 1673
* Qualified (control + test)= 813
* P: Study recruitment rate= 0.4859534

**Medium severity level**

* Screened= 10870
* Qualified (control + test)= 4300
* P: Study recruitment rate= 0.3955842

**Low severity level**

* Screened = 120
* Qualified (control + test) = 38
* P: Study recruitment rate= 0.3166667

Test between high (P\_0) & low (P\_1) severity levels:

| Test | Test Statistic | P-Value | 95% Confidence Interval | Conclusion |
| --- | --- | --- | --- | --- |
| H\_0 : P\_0 = P\_1  H\_1 : P\_0 /= P\_1 | X-squared = 12.198 | **p-value = 0.0004783** | 0.07821483 0.26035859 | **Reject Null Hypothesis.** There exists a significant difference. |
| H\_0 : P\_0 = P\_1  H\_1 : P\_0 > P\_1 | X-squared = 12.198 | **p-value = 0.0002392** | 0.09213884 1.00000000 | **Reject null hypothesis** and accept alternative. |

Test between high (P\_0) & medium (P\_1) severity levels:

| Test | Test Statistic | P-Value | 95% Confidence Interval | Conclusion |
| --- | --- | --- | --- | --- |
| H\_0 : P\_0 = P\_1  H\_1 : P\_0 /= P\_1 | X-squared = 48.661 | **p-value = 3.042e-12** | 0.06437124 0.11636716 | **Reject Null Hypothesis.** There exists a significant difference. |
| H\_0 : P\_0 = P\_1  H\_1 : P\_0 > P\_1 | X-squared = 48.661 | **p-value = 1.521e-12** | 0.06849558 1.00000000 | **Reject null hypothesis** and accept alternative. |

Test between low (P\_0) & medium (P\_1) severity levels:

| Test | Test Statistic | P-Value | 95% Confidence Interval | Conclusion |
| --- | --- | --- | --- | --- |
| H\_0 : P\_0 = P\_1  H\_1 : P\_0 /= P\_1 | X-squared = 2.7725 | p-value = 0.0959 | -0.166865305 0.009030285 | Failed to reject the null hypothesisthat there is no difference. |