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Analysing The HSLC Examination Results Of 2019 Between Two Schools in Terms of Gender, Government and Private in Mizoram, India.

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Abstract:
In the present study, it is identified that, there is no significant difference between government and private high school students in relation to their HSLC examination result,2019, but there is significant difference between boys and girls. There is significant difference between government and private high schools students in relation to MIL and mathematics subject, but no significant difference in English, Science and Social Science subject. No significant difference between boys and girls in relation to their subjects.

Introduction:

For the present study, two schools have been selected, one government school and one private school namely- Oxford Higher Secondary School (Private) and Govt. K.V.M. High School (Government). Comparison had been carried out on the basis of 2019 HSLC Examination result. In Mizoram, there are number of private schools with high fees paid, and many of the students opted for private schools rather than government schools with free cost of learning. It will be very interesting to compare government and private school in relation to their academic achievements.

Population and Sample:

The population for present study consist of students from both private and government secondary schools in Mizoram. Sample for the present study consist of 70 students, 35 students from private schools and another 35 students from government schools. Study has been carried out on the basis of H.S.L.C Examination Result declared by MBSE in 2019. Analysis and a sample is drawn using simple random sampling technique.

Data Analysis:

Data were analyzed using mean, simple percentages, mean, Standard Deviation and T-test.

Objectives of the Study:

To identify-

1. Is there a significant difference between Government and Private high school students in HSLC Examination result, 2019
2. Is there any significant difference of between Boys and Girls in HSLC Examination result, 2019

3. Is there a significant difference between Government and Private high school students in relation to English subject in HSLC Examination result, 2019.
4. Is there a significant difference between Government and Private high school students in relation to MIL subject in HSLC Examination result, 2019.
5. Is there a significant difference between Government and Private high school students in relation to Mathematics subject in HSLC Examination result, 2019.
6. Is there a significant difference between Government and Private high school students in relation to Science subject in HSLC Examination result, 2019.
7. Is there a significant difference between Government and Private high school students in relation to Social Science subject in HSLC Examination result, 2019.
8. Is there any significant difference of between Boys and Girls in relation to English subject in HSLC Examination result, 2019.
9. Is there any significant difference of between Boys and Girls in relation to MIL subject in HSLC Examination result, 2019.
10. Is there any significant difference of between Boys and Girls in relation to Mathematics subject in HSLC Examination result, 2019.
11. Is there any significant difference of between Boys and Girls in relation to Science subject in HSLC Examination result, 2019.
12. Is there any significant difference of between Boys and Girls in relation to Social science subject in HSLC Examination result, 2019.

1. Comparision - 1:

Is there a significant differences between Government and Private high school students in HSLC Examination result, 2019.

Group 1(Private)	Group 2 (Government)
M1= 267.8	M2 = 281.2
SD1 = 37.40	SD2 = 35.58
N1= 35	N2 = 35

To state Null Hypothesis, There is no significant difference between Government and Private high school students in HSLC Examination result, 2019.

SED = 8.72

't' Value = 1.58

df = 68

The Table value of 't' at 0.05 level is 2.00

The Table value of 't' at 0.01 level is 2.66

Finding:

The calculated value of 't' is smaller than the table value of 't' at 0.05 level and hence the null hypothesis is accepted, and there is no significant difference between Government and Private high school students in HSLC Examination result, 2019.

2. Comparision - 2:

Is there any significant difference of between Boys and Girls in relation to HSLC Examination result, 2019

Group 1 (Girls)	Group 2 (Boys)
M1= 271.10	M2 = 278.53
SD1 = 36.81	SD2 = 37.09
N1= 38	N2 = 32

To state Null Hypothesis, There is no significant difference between Boys and Girls in HSLC Examination result, 2019

SED = 1.50

't' Value = 4.95

df = 68

The Table value of 't' at 0.05 level is 2.00

The Table value of 't' at 0.01 level is 2.66

Finding:

The calculated value of 't' is greater than the table value of 't' at 0.01 level and hence the null hypothesis is rejected, and there is significant difference between Boys and Girls in HSLC Examination result, 2019.

3. Comparison - 3:

Is there a significant difference between Government and Private high school students in relation to English subject in HSLC Examination result, 2019.

Group 1(Private)	Group 2 (Government)
M1= 47.89	M2 = 48.8
SD1 = 9.68	SD2 = 7.66
N1= 35	N2 = 35

To state Null Hypothesis, There is no significant difference between Government and Private high school students in relation to English subject in HSLC Examination result, 2019

SED = 2.09

't' Value = 0.44

df = 68

The Table value of 't' at 0.05 level is 2.00

The Table value of 't' at 0.01 level is 2.66

Finding:

The calculated value of 't' is smaller than the table value of 't' at 0.05 level and hence the null hypothesis is accepted, and there is no significant difference between Government and Private high school students in relation to English subject in HSLC Examination result, 2019.

4. Comparison - 4:

Is there a significant difference between Government and Private high school students in relation to MIL subject in HSLC Examination result, 2019.

Group 1(Private)	Group 2 (Government)
M1= 55.71	M2 = 69.46
SD1 = 8.89	SD2 = 7.56
N1= 35	N2 = 35

To state Null Hypothesis, There is no significant difference between Government and Private high school students in relation to MIL subject in HSLC Examination result, 2019

SED = 1.97

't' Value = 6.98

df = 68

The Table value of 't' at 0.05 level is 2.00

The Table value of 't' at 0.01 level is 2.66

Finding:

The calculated value of 't' is greater than the table value of 't' at 0.01 level and hence the null hypothesis is rejected, and there is significant difference between Government and Private high school students in relation to MIL subject in HSLC Examination result, 2019

5. Comparison - 5:

Is there a significant difference between Government and Private high school students in relation to Mathematics subject in HSLC Examination result, 2019.

Group 1(Private)	Group 2 (Government)
M1= 55.49	M2 = 45.78
SD1 = 7.11	SD2 = 6.78
N1= 35	N2 = 35

To state Null Hypothesis, There is no significant difference between Government and Private high school students in relation to Mathematics subject in HSLC Examination result, 2019

SED = 1.66

't' Value = 5.84

df = 68

The Table value of 't' at 0.05 level is 2.00

The Table value of 't' at 0.01 level is 2.66

Finding:

The calculated value of 't' is greater than the table value of 't' at 0.01 level and hence the null hypothesis is rejected, and there is significant difference between Government and Private high school students in relation to Mathematics subject in HSLC Examination result, 2019.

6. Comparison - 6:

Is there a significant difference between Government and Private high school students in relation to Science subject in HSLC Examination result, 2019.

Group 1(Private)	Group 2 (Government)
M1= 51.34	M2 = 56.62
SD1 = 7.10	SD2 = 11.07
N1= 35	N2 = 35

To state Null Hypothesis, There is no significant difference between Government and Private high school students in relation to Science subject in HSLC Examination result, 2019

SED = 2.22

't' Value = 2.38

df = 68

The Table value of 't' at 0.05 level is 2.00
The Table value of 't' at 0.01 level is 2.66

Finding:

The calculated value of 't' is smaller than the table value of 't' at 0.01 level and hence the null hypothesis is accepted, and there is no significant difference between Government and Private high school students in relation to Science subject in HSLC Examination result, 2019.

7. Comparison - 7:

Is there a significant difference between Government and Private high school students in relation to Social Science subject in HSLC Examination result, 2019.

Group 1(Private)	Group 2 (Government)
M1= 57.38	M2 = 60.54
SD1 = 11.70	SD2 = 11.16
N1= 35	N2 = 35

To state Null Hypothesis, There is no significant difference between Government and Private high school students in relation to Social Science subject in HSLC Examination result, 2019

SED = 2.73
't' Value = 1.16
df = 68

The Table value of 't' at 0.05 level is 2.00
The Table value of 't' at 0.01 level is 2.66

Finding:

The calculated value of 't' is smaller than the table value of 't' at 0.05 level and hence the null hypothesis is accepted, and there is no significant difference between Government and Private high school students in relation to Social Science subject in HSLC Examination result, 2019.

8. Comparision - 8:

Is there any significant difference of between Boys and Girls in relation to English Subject in HSLC Examination result, 2019

Group 1 (Girls)	Group 2 (Boys)
M1= 47.5	M2 = 49.34
SD1 = 8.55	SD2 = 8.85
N1= 38	N2 = 32

To state Null Hypothesis, There is no significant difference between Boys and Girls in relation to English subject in HSLC Examination result, 2019

SED = 2.09
't' Value = 0.88
df = 68

The Table value of 't' at 0.05 level is 2.00
The Table value of 't' at 0.01 level is 2.66

Finding: The calculated value of 't' is less than the table value of 't' at 0.05 level and hence the null hypothesis is accepted, and there is no significant difference between Boys and Girls in relation to English subject in HSLC Examination result, 2019.

9. Comparision-9:

Is there any significant difference of between Boys and Girls in relation to MIL Subject in HSLC Examination result, 2019

Group 1 (Girls)	Group 2 (Boys)
M1= 65.21	M2 = 59.47
SD1 = 10.38	SD2 = 10.43
N1= 38	N2 = 32

To state Null Hypothesis, There is no significant difference between Boys and Girls in relation to MIL subject in HSLC Examination result, 2019

SED = 2.49

't' Value = 2.30

df = 68

The Table value of 't' at 0.05 level is 2.00

The Table value of 't' at 0.01 level is 2.66

Finding:

The calculated value of 't' is less than the table value of 't' at 0.01 level and hence the null hypothesis is accepted, and there is no significant difference between Boys and Girls in relation to MIL subject in HSLC Examination result, 2019.

10. Comparision - 10:

Is there any significant difference of between Boys and Girls in relation to Mathematics Subject in HSLC Examination result, 2019

Group 1 (Girls)	Group 2 (Boys)
M1= 48.97	M2 = 52.59
SD1 = 7.02	SD2 = 9.64
N1= 38	N2 = 32

To state Null Hypothesis, There is no significant difference between Boys and Girls in relation to Mathematics subject in HSLC Examination result, 2019

SED = 2.04

't' Value = 1.77

df = 68

The Table value of 't' at 0.05 level is 2.00

The Table value of 't' at 0.01 level is 2.66

Finding:

The calculated value of 't' is less than the table value of 't' at 0.05 level and hence the null hypothesis is accepted, and there is no significant difference between Boys and Girls in relation to Mathematics subject in HSLC Examination result, 2019.

11. Comparision - 11:

Is there any significant difference of between Boys and Girls in relation to Science Subject in HSLC Examination result, 2019

Group 1 (Girls)	Group 2 (Boys)
M1= 52.37	M2 = 55.90

SD1 = 8.88 SD2 = 10.22
N1= 38 N2 = 32

To state Null Hypothesis, There is no significant difference between Boys and Girls in relation to Science subject in HSLC Examination result, 2019

SED = 2.30
't' Value = 1.53
df = 68

The Table value of 't' at 0.05 level is 2.00
The Table value of 't' at 0.01 level is 2.66

Finding:

The calculated value of 't' is less than the table value of 't' at 0.05 level and hence the null hypothesis is accepted, and there is no significant difference between Boys and Girls in relation to Science subject in HSLC Examination result, 2019.

12. Comparision - 12:

Is there any significant difference of between Boys and Girls in relation to Social Science Subject in HSLC Examination result, 2019

Group 1 (Girls)	Group 2 (Boys)
M1= 57.05	M2 = 61.22
SD1 = 11.59	SD2 = 11.06
N1= 38	N2 = 32

To state Null Hypothesis, There is no significant difference between Boys and Girls in relation to Social Science subject in HSLC Examination result, 2019

SED = 2.71
't' Value = 1.54
df = 68

The Table value of 't' at 0.05 level is 2.00
The Table value of 't' at 0.01 level is 2.66

Finding:

The calculated value of 't' is less than the table value of 't' at 0.05 level and hence the null hypothesis is accepted, and there is no significant difference between Boys and Girls in relation to Social Science subject in HSLC Examination result, 2019.

Major Findings and Conclusion :

1. There is no significant differences between Government and Private high school students in relation to their HSLC Examination result, 2019
2. There is significant difference between Boys and Girls in relation to HSLC Examination result, 2019.
3. There is no significant difference between Government and Private high school students in relation to English subject in HSLC Examination result, 2019.
4. There is significant difference between Government and Private high school students in relation to MIL subject in HSLC Examination result, 2019.

5. There is significant difference between Government and Private high school students in relation to Mathematics subject in HSLC Examination result, 2019.
6. There is no significant difference between Government and Private high school students in relation to Science subject in HSLC Examination result, 2019.
7. There is no significant difference between Government and Private high school students in relation to Social Science subject in HSLC Examination result, 2019.
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10. There is no significant difference between Boys and Girls in relation to Mathematics subject in HSLC Examination result, 2019.
11. There is no significant difference between Boys and Girls in relation to Science subject in HSLC Examination result, 2019.
12. There is no significant difference between Boys and Girls in relation to Social science subject in HSLC Examination result, 2019.

Abbreviation:

1. H.S.L.C : High School Leaving Certificate.
2. MBSE : Mizoram Board of School Education

References:

1. Rob French & Geeta Kingdon, (2010). The relative effectiveness of private and government schools in Rural India: Evidence from ASER data. DoQSS Working Papers 10-03, Quantitative Social Science - UCL Social Research Institute, University College London.
2. Sangeeta Goyal & Priyanka Pandey. (2010). How do Government and Private Schools Differ? Findings from two large Indian states.
3. Gouda, J., Chandra Das, K., Goli, S. & Maikho Apollo Pou, L. (2013). Government versus private primary schools in India: An assessment of physical infrastructure, schooling costs and performance. *International Journal of Sociology and Social Policy,* 33(11/12), 708-724
4. Sandip Ratna. (2015). Comparative Study of H.S.L.C Examination Result Between Private and Government Schools. *Educational Quest: An Int. J. of Education and Applied Social Sciences, 6*(3), 175-182.
5. Satya Kishan & Nikita Goyal. (2021). A Comparative Study in Public and Private Education Sector. *International Journal of Innovative Science and Research Technology*, *6*(7), 439-443.