APPENDIX D

Chi^2 Calculation

H_0 : the wealth of the participants is not related to the type of cultivation technique their boma uses

H_1 : the wealth of the participants is related to the type of cultivation technique their boma uses

Actual values	**Wealthy**	**Majority**	**Total**
Machinery	11	35	46
Other	5	51	56
Total	16	86	102

expected values	**Wealthy**	**Majority**	**Total**
Machinery	7.2	38.8	46
Other	8.8	47.2	56
Total	16	86	102

chi^2 statistic	**Wealthy**	**Majority**
Machinery	2	0.37
Other	1.64	0.31

Chi^2=4.32

DF=1

P=0.05

Critical Value=3.841