

**SOCIAL AND BIOLOGICAL IMPACT OF OIL PALM (*Elaeis guineensis* Jacq.)
PLANTATIONS IN THE EASTERN BRAZILIAN AMAZON**

Biological and Conservation

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Statistical results about interviewees' perceptions of the oil palm impacts on socioeconomic and environmental changes

Analysis of Variance (ANOVA) between the variables of relation with oil palm, community, age, school level, gender, and all their interactions about the **socioeconomic changes' perceptions** from the interviewees. * P -value < 0.05; ** P -value < 0.001.

Variables	Df	Sum Sq	Mean Sq	F value	Pr(>F)
Relation with oil palm	2	9.104	4.552	8.668	0.000**
Community	1	0.089	0.089	0.170	0.681
Age	2	0.180	0.090	0.172	0.842
School level	6	7.149	1.191	2.269	0.039*
Gender	1	1.357	1.357	2.584	0.110
Relation with oil palm:Community	2	2.111	1.055	2.010	0.137
Community:Age	2	0.784	0.392	0.746	0.476
Community:School level	6	0.800	0.133	0.254	0.957
Community:Gender	1	0.001	0.001	0.003	0.960
Residuals	189	99.2563	0.525166	-	-

Analysis of Variance (ANOVA) between the variables of relation with oil palm, community, age, school level, gender, and all their interactions about the **environmental changes' perceptions** from the interviewees. * P -value < 0.05; ** P -value < 0.001.

Variables	Df	Sum Sq	Mean Sq	F value	Pr(>F)
Relation with oil palm	2	14.167	7.084	7.466	0.001**
Community	1	3.011	3.011	3.174	0.076
Age	2	2.657	1.329	1.400	0.249
School level	6	5.033	0.839	0.884	0.508
Gender	1	0.017	0.017	0.018	0.893
Relation with oil palm:Community	2	0.533	0.266	0.281	0.755
Community:Age	2	1.335	0.667	0.704	0.496
Community:School level	6	6.162	1.027	1.083	0.374
Community:Gender	1	0.028	0.028	0.030	0.863
Residuals	189	179.315	0.949	-	-