

Table 1. Self-projected effects of successive *zuds* scenarios on families for quantitative and yes/no variables.
The two numbers are the t-ratio and the Tukey-adjusted P-value from the linear models.

Quantitative variables		Nomadic	Sedentary	School	Pension	Salary	Other livestock	Goats
Before <i>zud</i>	After <i>zud</i>	-1.001 0.9922	1.123 0.9823	2.135 0.5032	0.281 1.0000	0.000 1.0000	-2.514 0.2626	-6.463 <.0001
2022 no <i>zud</i>	2022 summer <i>zud</i>	0.572 0.9999	-0.374 1.0000	-0.251 1.0000	0.000 1.0000	0.000 1.0000	0.936 0.9953	0.434 1.0000
2022 no <i>zud</i>	2022 winter <i>zud</i>	0.429 1.0000	-0.312 1.0000	-0.251 1.0000	0.000 1.0000	-0.167 1.0000	1.961 0.6266	1.191 0.9737
2022 no <i>zud</i>	2023 <i>zuds</i>	1.287 0.9565	-1.123 0.9823	-0.377 1.0000	-0.140 1.0000	-0.250 1.0000	4.724 0.0001	3.443 0.0213
2022 no <i>zud</i>	2024 <i>zuds</i>	4.004 0.0027	-3.495 0.0179	-0.502 1.0000	-0.702 0.9995	-1.334 0.9455	7.952 <.0001	6.766 <.0001
2022 no <i>zud</i>	2025 <i>zuds</i>	9.581 <.0001	-8.364 <.0001	-0.502 1.0000	-1.403 0.9262	-2.919 0.1021	11.353 <.0001	10.233 <.0001
2022 no <i>zud</i>	Yearly <i>zuds</i>	13.370 <.0001	-11.984 <.0001	1.005 0.9920	-2.667 0.1893	-5.087 <.0001	13.225 <.0001	12.355 <.0001
No more <i>zuds</i>	Yearly <i>zuds</i>	12.584 <.0001	-11.422 <.0001	0.502 1.0000	-1.403 0.9262	-4.587 0.0002	18.177 <.0001	18.069 <.0001
Yes/no variables		Transhumance	Fodder	Loan	Livestock selling	Settlement	Other selling	Other buying
Before <i>zud</i>	After <i>zud</i>	-0.746 0.9992	-1.129 0.9818	-0.512 1.0000	-3.354 0.0275	-0.845 0.9979	-0.719 0.9994	0.000 1.0000
2022 no <i>zud</i>	2022 summer <i>zud</i>	-8.399 <.0001	-1.266 0.9611	-1.030 0.9905	-2.390 0.3318	-0.364 1.0000	1.502 0.8917	0.006 1.0000
2022 no <i>zud</i>	2022 winter <i>zud</i>	-6.949 <.0001	-8.547 <.0001	-5.997 <.0001	-7.783 <.0001	-1.271 0.9600	0.343 1.0000	0.006 1.0000
2022 no <i>zud</i>	2023 <i>zuds</i>	-8.485 <.0001	-8.259 <.0001	-6.406 <.0001	-8.976 <.0001	-0.994 0.9926	1.123 0.9825	0.946 0.9949
2022 no <i>zud</i>	2024 <i>zuds</i>	-7.656 <.0001	-8.411 <.0001	-6.079 <.0001	-8.976 <.0001	-3.735 0.0072	-0.862 0.9975	0.006 1.0000
2022 no <i>zud</i>	2025 <i>zuds</i>	-6.204 <.0001	-6.681 <.0001	-5.161 <.0001	-9.123 <.0001	-6.265 <.0001	-3.440 0.0206	0.006 1.0000
2022 no <i>zud</i>	Yearly <i>zuds</i>	-5.227 <.0001	-4.900 <.0001	-4.807 0.0001	-9.055 <.0001	-7.897 <.0001	-4.252 0.0009	1.909 0.6630
No more <i>zuds</i>	Yearly <i>zuds</i>	1.619 0.8392	1.846 0.7058	-4.620 0.0002	-5.109 <.0001	-6.036 <.0001	-3.841 0.0048	1.909 0.6630