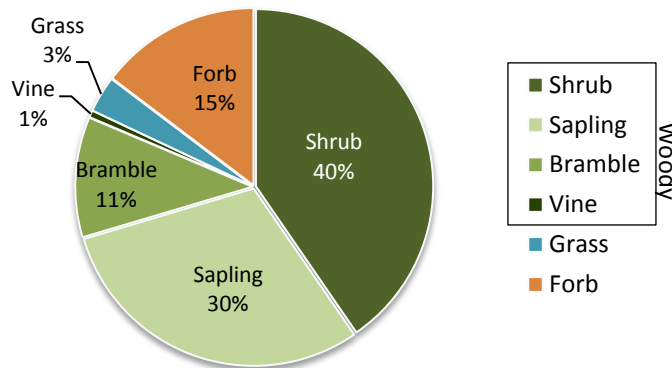


**Change in Goat Weight.** Overall herd weight gain was statistically significant. As a group weight gain in kids was significant while weight loss in non-nursing does was significant ( $n = 83$ ;  $p < 0.05$ ).

Grouping	Mean (kg)	t value	DF	St. Error	p Value
Kids	10.02	25.1044	33	0.399	2.20E-16
Nursing Does	1.30	1.0089	19	1.290	0.3257
Non-nursing	-2.28	-2.4627	28	0.927	0.02021
All	3.62	4.7135	82	0.769	9.84E-06

**Change in Goat Famacha Scores.** A sign test of proportions of goats with scores that improved and worsened showed that overall Famacha scores did not change. Famacha scores in kids were significantly worse in August following a season of rotational browse ( $n = 83$ ;  $p < 0.05$ ).

Grouping	Better	Worse	DF	X <sup>2</sup> Value	p Value
Kids	5	15	1	5	0.0254
Nursing Does	4	9	1	1.9231	0.1655
Non-nursing	10	7	1	0.5294	0.4669
All	19	31	1	2.88	0.0897



**Goat Browse Preference.** Percentage of time goats spent eating different types of forage in a shrub-infested savanna. Goats preferred woody species 82% of the time and herbaceous species 18%.