

Appendix 1.

Table A1.1. Soil bulk density and water content of summer pasture in at baseline in 2003, and under the community quota system (GQS) and rangeland transfer system (RTS) in 2014 (different letters significant at $P < 0.05$ within columns) (n=9).

Indicator	Treatments	Soil depth (cm)		
		0-10	10-20	20-30
Soil bulk density (g.cm ⁻³)	2003	0.88±0.07b	1.07±0.01a	1.09±0.05a
	GQS	0.73±0.03c	0.96±0.20a	1.06±0.12a
	RTS	1.14±0.08a	1.10±0.05a	1.15±0.02a
Soil water content (%)	2003	24.82±0.03b	22.14±0.02b	19.35±0.01b
	GQS	34.78±0.02a	30.59±0.05a	27.99±0.04a
	RTS	24.72±0.05b	21.77±0.01b	20.57±0.01b

Table A1.2. The soil fractal dimension 2003 at 0-10 cm in depth of summer pasture at baseline, and under the community quota system (GQS) and rangeland transfer system (RTS) in 2014 (n=9). Note: Different lowercase indicated that there was significant difference among 2003, GQS and RTS at the level of 0.05, and vice versa.

Indicator	Treatments	Soil fractal dimension
soil fractal dimension	2003	2.61±0.29b
	GQS	2.70±0.52a
	RTS	2.43±0.44c