

## Appendix 2.

Table A2.1 Results of Mann Kendall Trend test demonstrating significant changes in total annual, monthly precipitation rate and rainy days for the years 1946 – 2016 weather station at Rurrenabaque, Bolivia. Significance levels are defined as: 0.1(+), 0.05(\*), 0.01(\*\*), 0.001(\*\*\*)

Time series	First year	Last Year	n	Test Z	Signific.
P ANN	1946	2016	66	1,36	
P JAN	1946	2016	70	4,40	***
P FEB	1946	2016	71	0,47	
P MAR	1946	2016	70	0,70	
P APR	1946	2016	70	2,17	*
P MAY	1946	2016	71	1,21	
P JUN	1946	2016	71	0,03	
P JUL	1946	2016	71	-0,69	
P AUG	1946	2016	71	-0,66	
P SEP	1946	2016	69	-0,21	
P OCT	1946	2016	70	-0,69	
P NOV	1946	2016	70	-0,62	
P DEC	1946	2016	70	-0,57	
P ANN/d	1946	2016	66	4,40	***
P JAN/d	1946	2016	70	2,14	*
P FEB/d	1946	2016	71	3,33	***
P MAR/d	1946	2016	70	2,97	**
P APR/d	1946	2016	70	3,13	**
P MAY/d	1946	2016	71	2,77	**
P JUN/d	1946	2016	71	0,38	
P JUL/d	1946	2016	71	0,40	
P AUG/d	1946	2016	71	-0,45	
P SEP/d	1946	2016	69	0,27	
P OCT/d	1946	2016	70	0,81	
P NOV/d	1946	2016	70	0,80	
P DEC/d	1946	2016	70	2,55	*