

CEE 274: CLIMATE DATA ANALYSIS

Homework 3

Baoxiang Pan

ID:63324929

Table 1: Kolmogorov Smirnov Test Result

	Pmax	Paver	Tmax	Taver	Tmin	Normal	Gamma
Pmax			h=1;p= 1.65×10^{-49}			h=0;p=0.1681	h=0;p=0.6241
Paver						h=0;p=0.3795	h=0;p=0.8105
Tmax	h=1;p= 1.65×10^{-49}				h=1;p= 1.65×10^{-49}	h=0;p=0.8900	
Taver						h=0;p=0.5441	
Tmin			h=1;p= 1.65×10^{-49}			h=0;p=0.1416	

Table 2: Denotation

Pmax:	Annual Monthly Precipitation Maxima
Paver:	Annual Monthly Precipitation
Tmax:	Annual Monthly Temperature Maxima
Taver:	Annual Monthly Temperature
Tmin:	Annual Monthly Precipitation Minima
h=1:	Reject Null Hypothesis, not Same Distribution
h=0:	Accept the Same Distribution Hypothesis