> Goodness of fit

**Goodness of fit:**

Chi-square = 513.08, df=522, p=0.6014

Likelihood Ratio = 438.94, df=522, p=0.9965

AIC (up to a constant) = -605.06

> Wald-test

**Wald test for significance of covariates**

Covariate W df p

Region2 29.245972 15 0.0149505

Altitude 6.131395 6 0.4086334

**Wald test for significance of changes in slope**

Changepoint Wald\_test df p

2015 7.357242 8 0.49862443

2017 13.032310 8 0.11074274

2018 15.853663 8 0.04452318

> overall

from upto slope se p meaning

2015 2019 3.222033 2.871753 0.2806674 Uncertain

2016年因為模式在檢查changepoint時，2015-2016 &2016-2017的斜率極度沒差異，所以就並成2015-2017了。