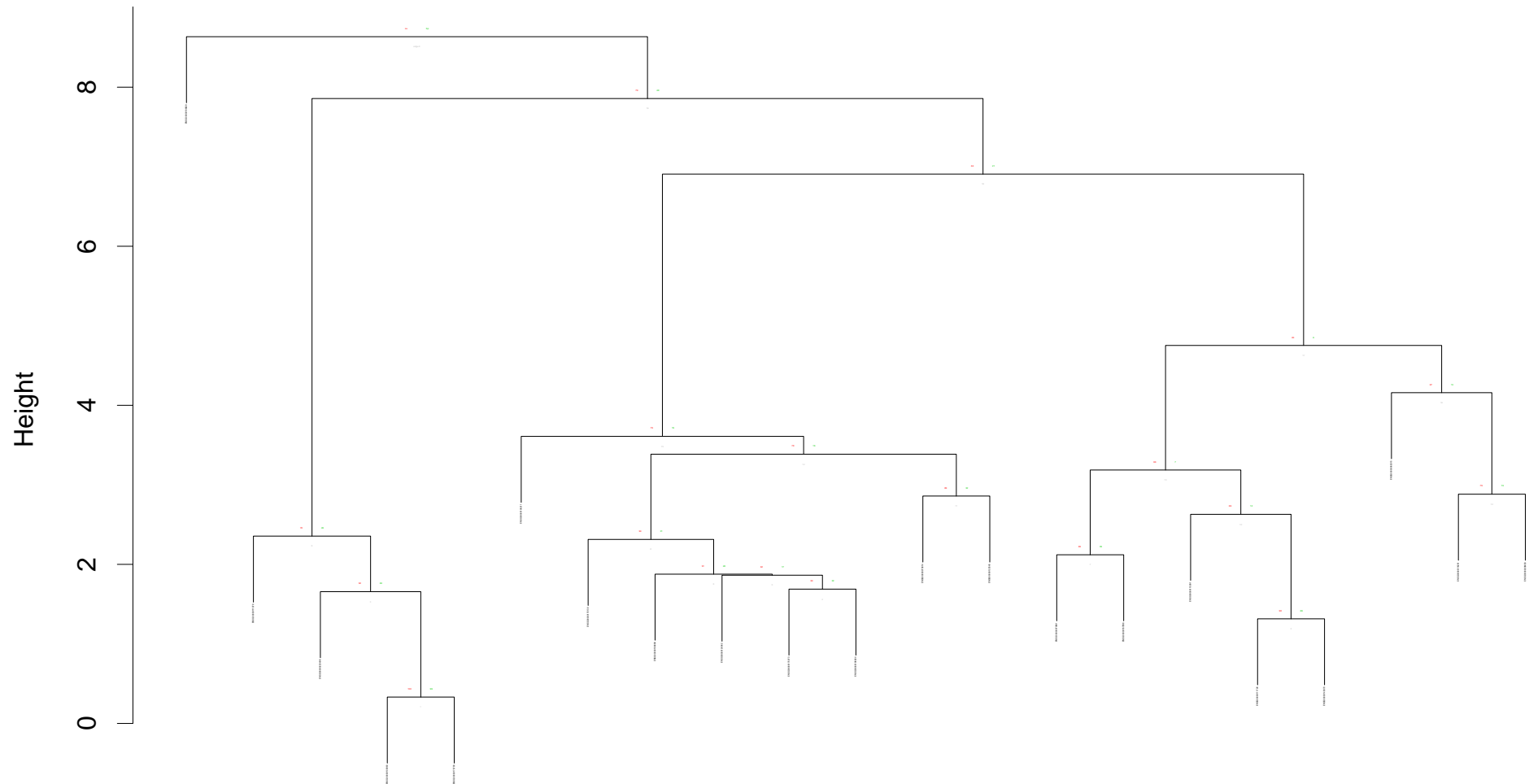
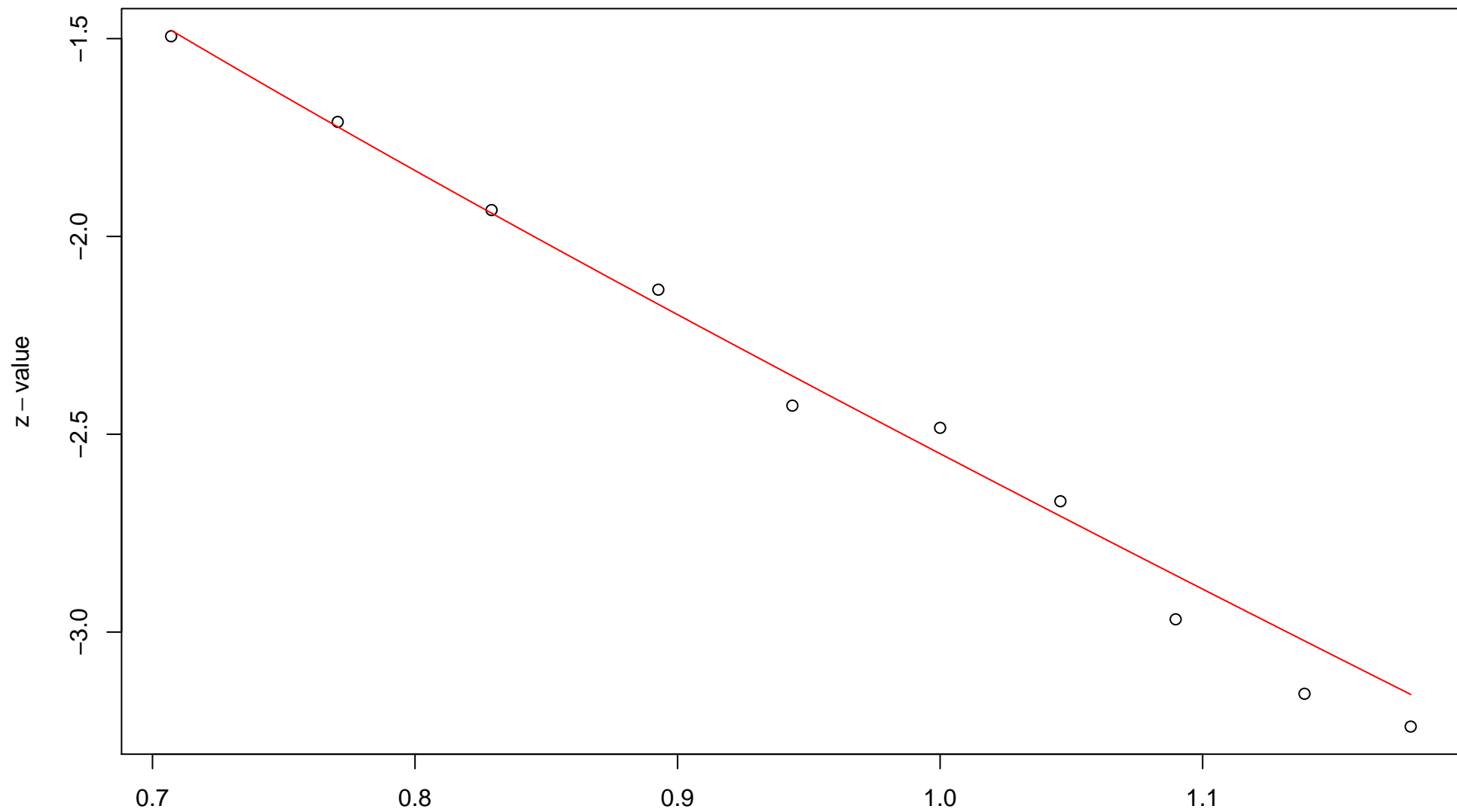


**Cluster dendrogram with AU/BP values (%)**



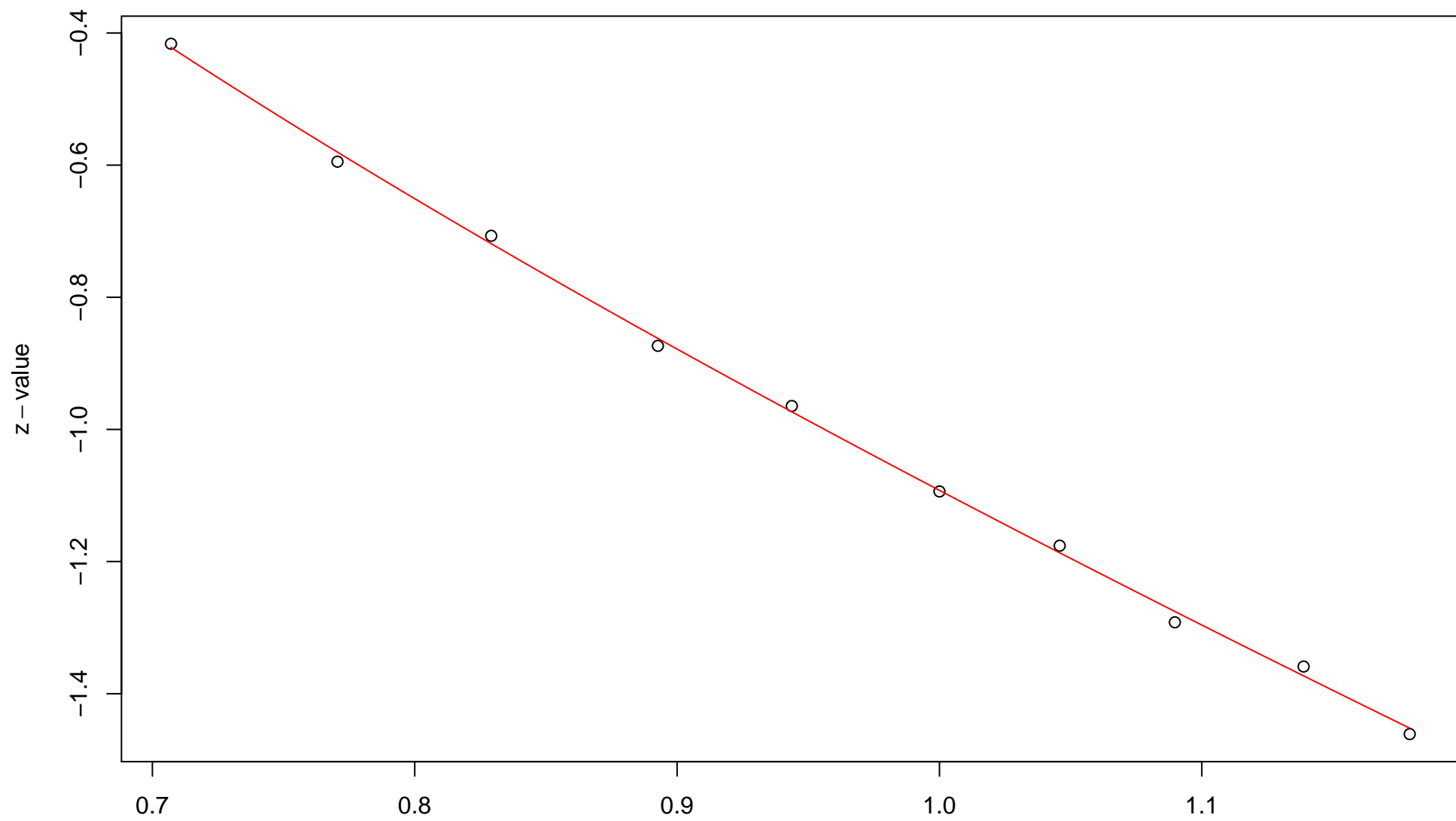
Distance: euclidean  
Cluster method: ward.D2

# 1st edge



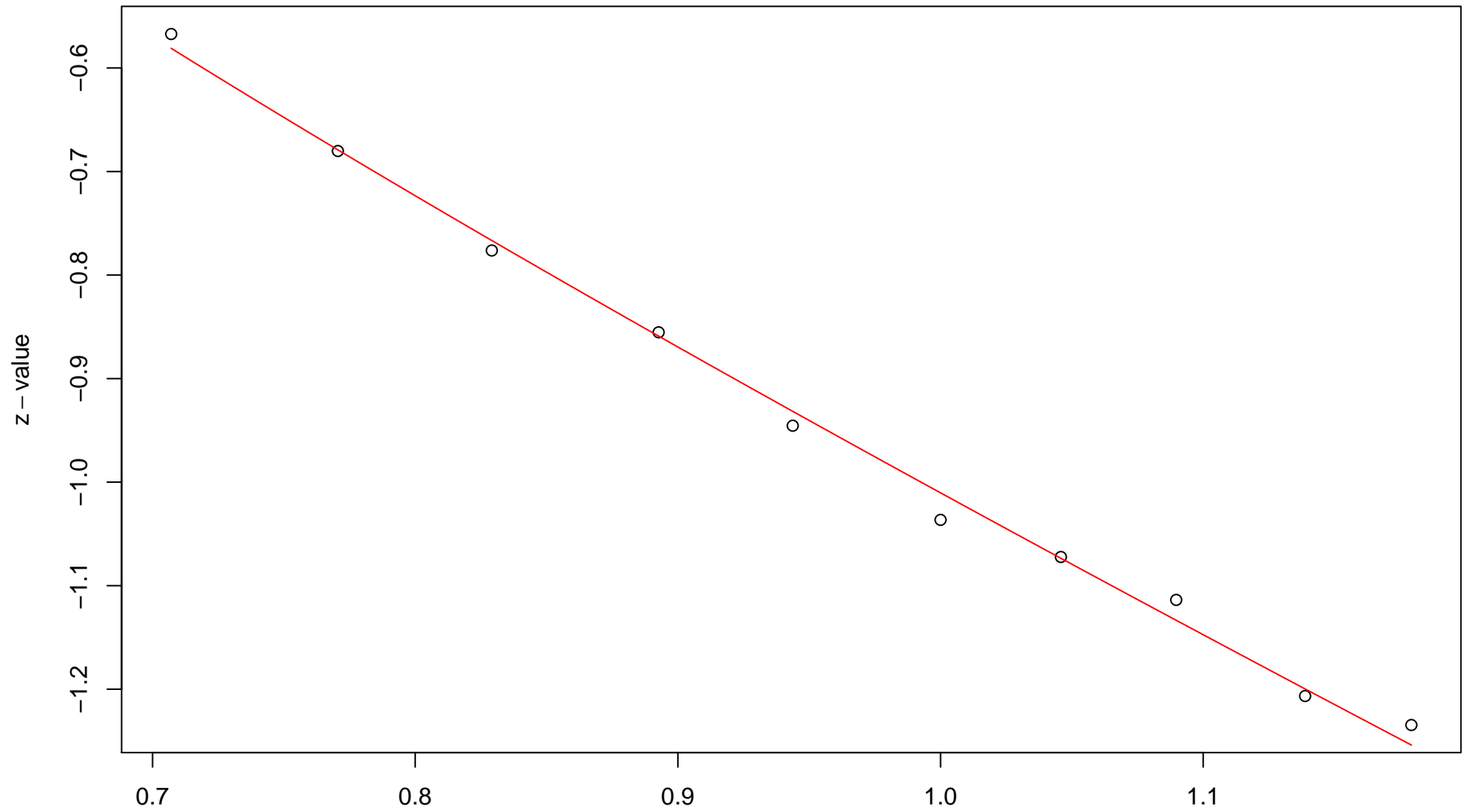
$\sqrt{r}$   
AU = 1 , BP = 0.99 ,  $v = -3.01$  ,  $c = 0.46$  ,  $pchi = 0.13$

## 2nd edge



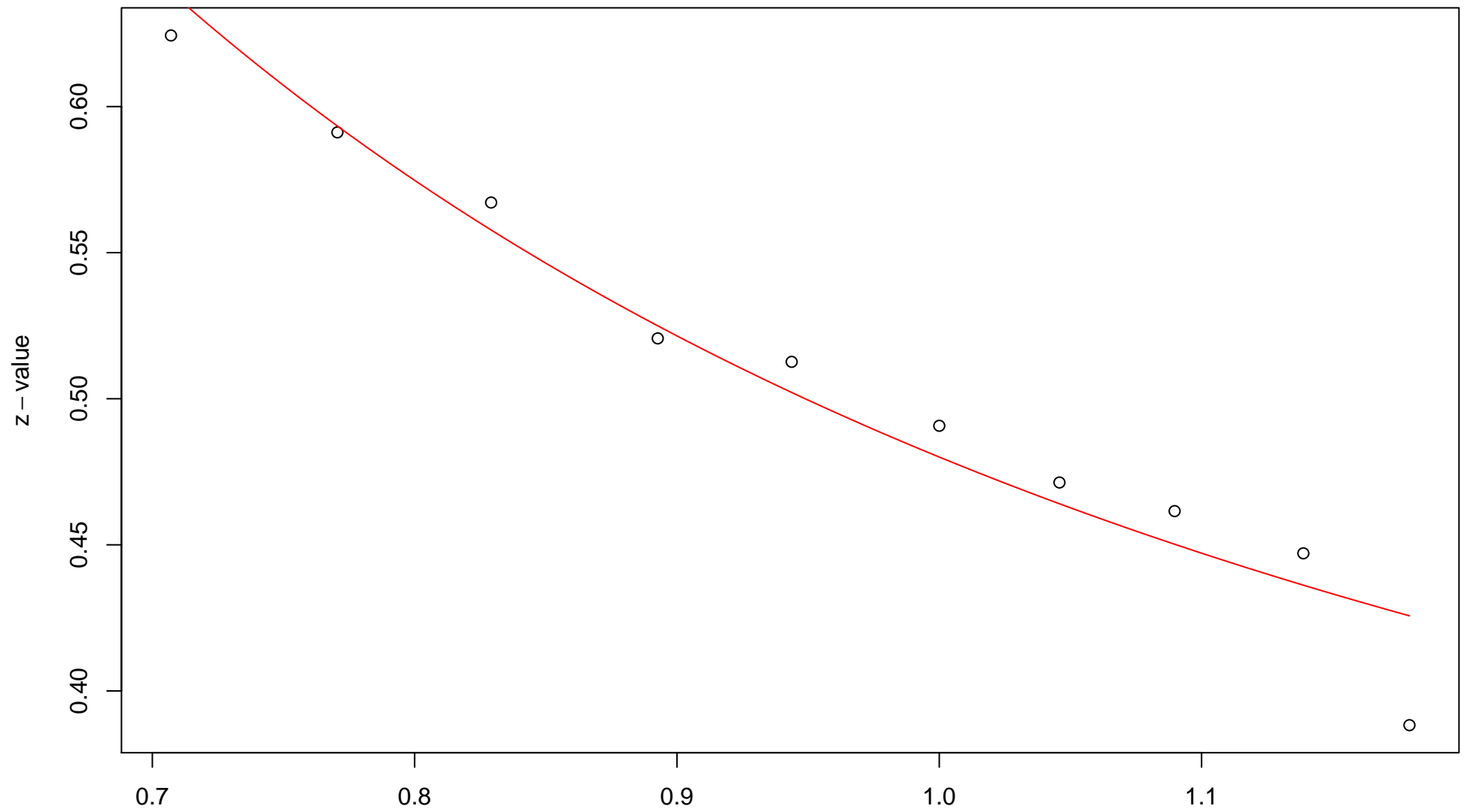
$\sqrt{r}$   
AU = 0.98 , BP = 0.86 ,  $v = -1.59$  ,  $c = 0.5$  ,  $pchi = 0.73$

### 3rd edge



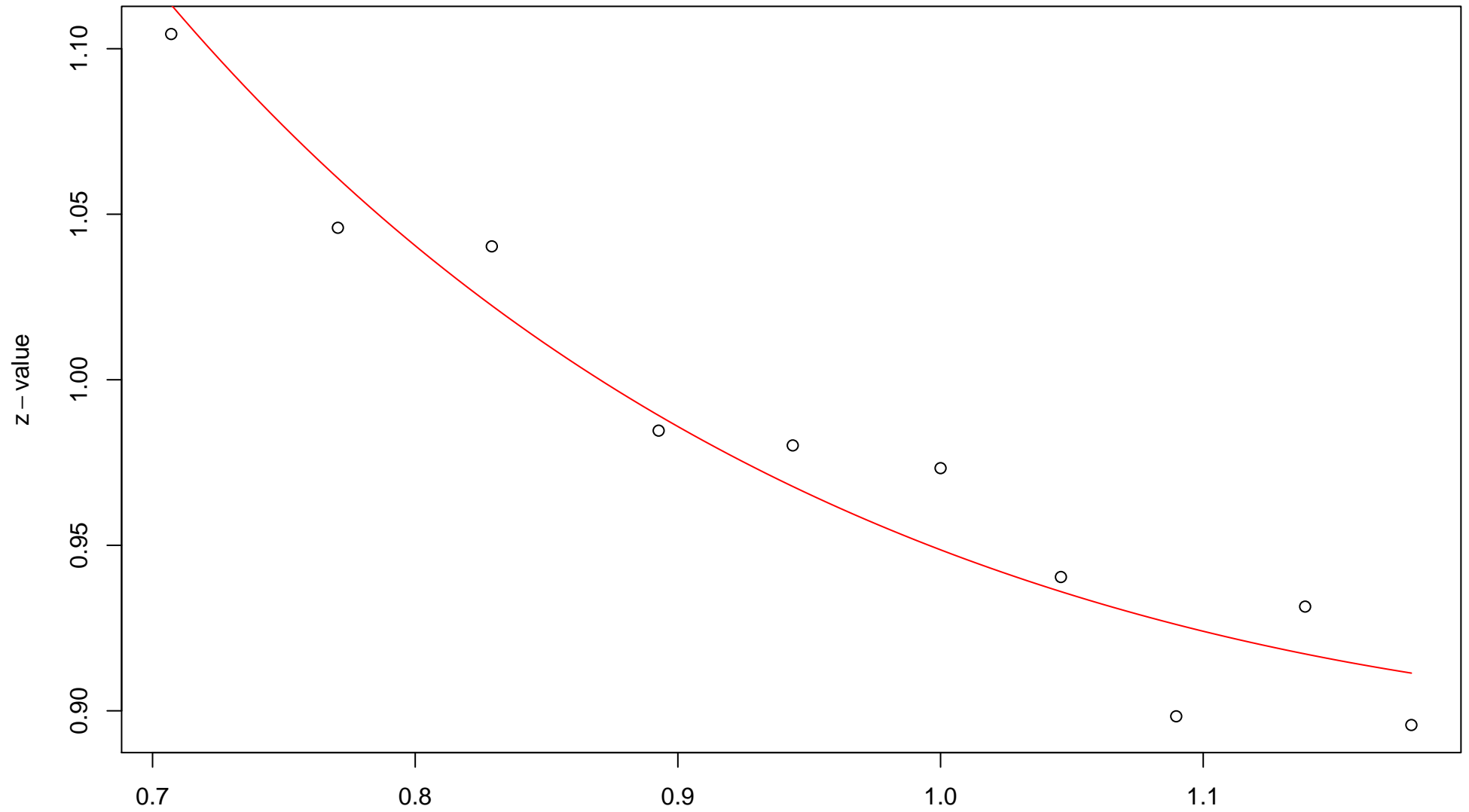
$\sqrt{r}$   
AU = 0.92 , BP = 0.84 , v = -1.2 , c = 0.19 , pchi = 0.39

### 4th edge



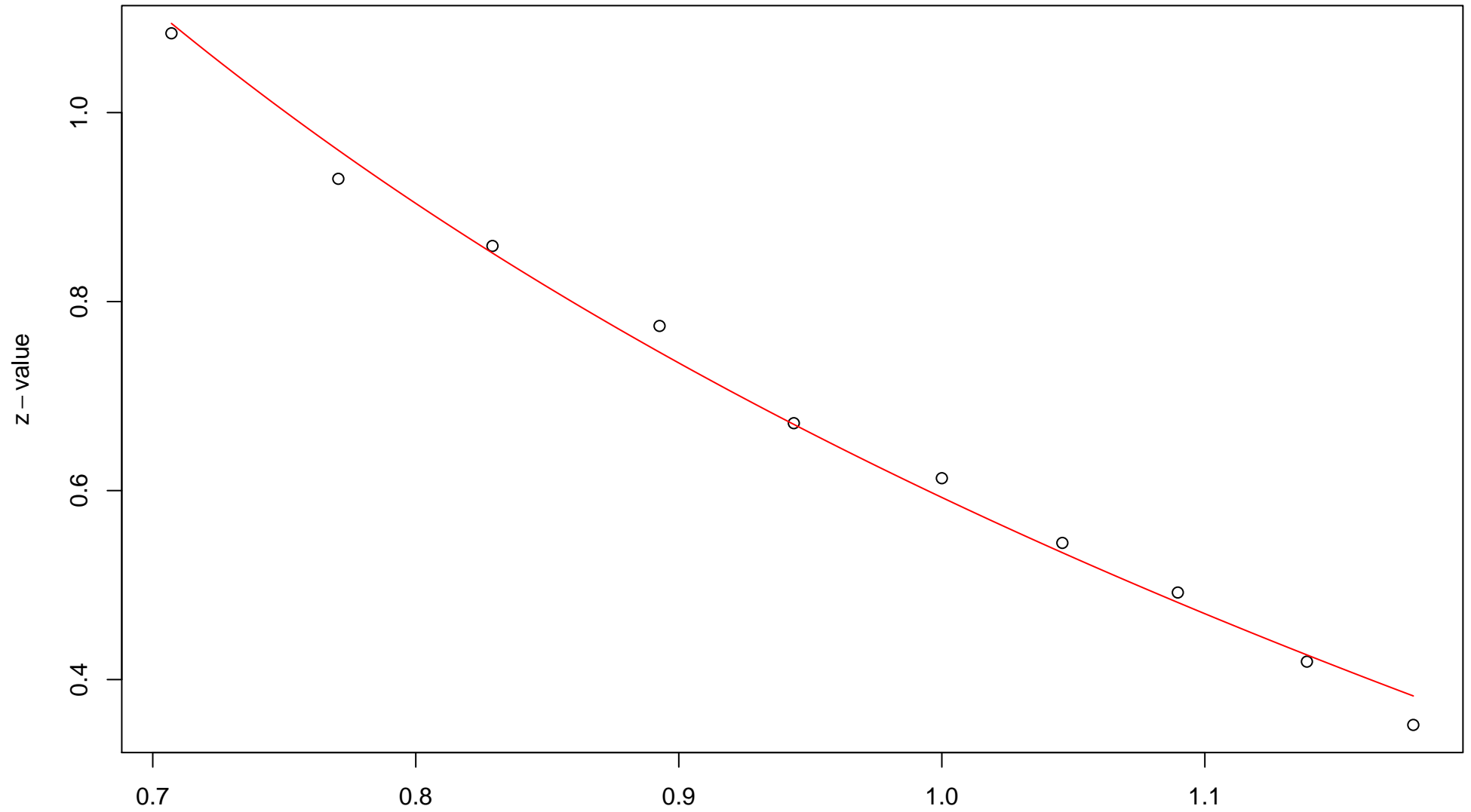
$\sqrt{r}$   
AU = 0.64 , BP = 0.32 ,  $v$  = 0.06 ,  $c$  = 0.42 , pchi = 0.1

### 5th edge



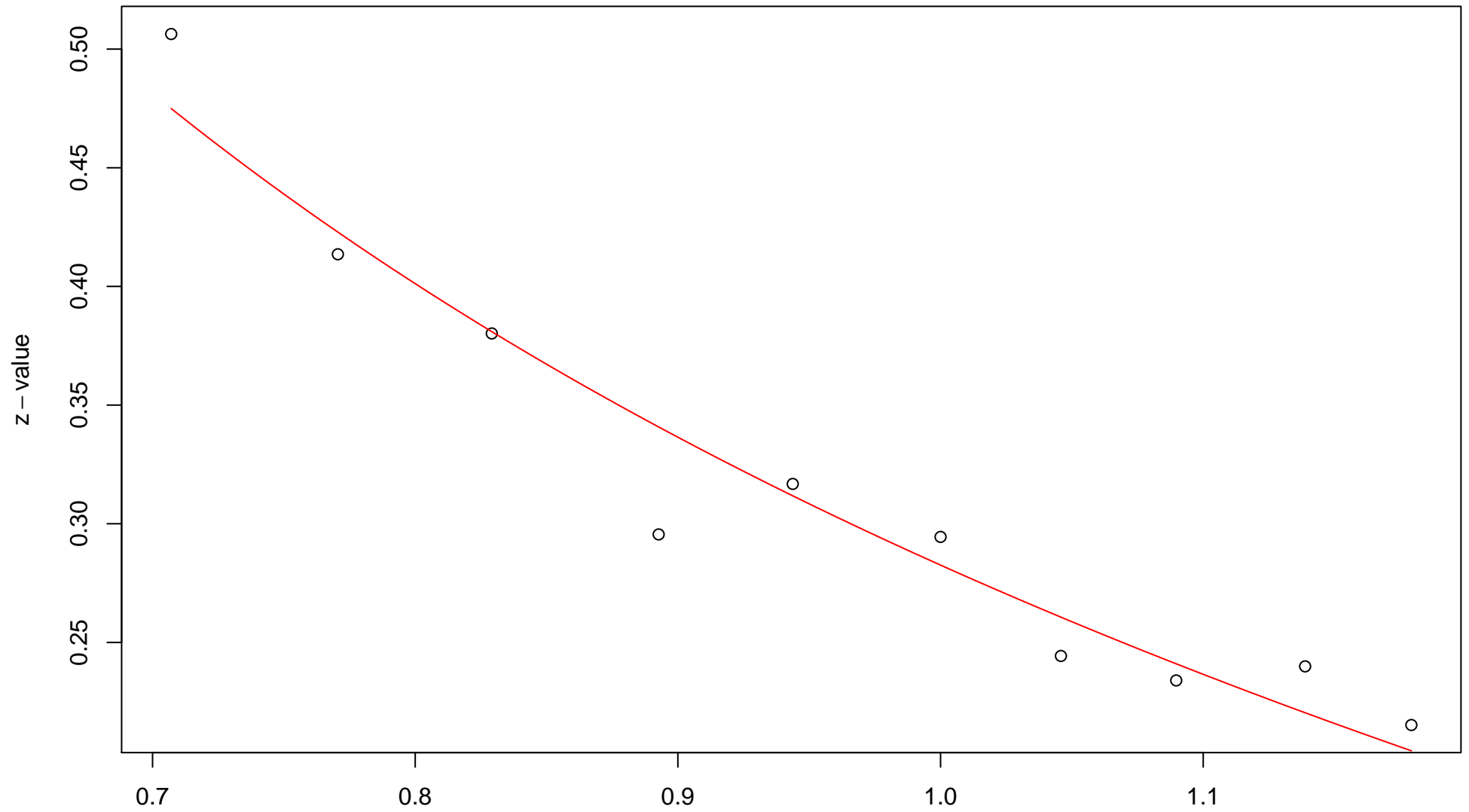
$\sqrt{r}$   
AU = 0.62 , BP = 0.17 , v = 0.32 , c = 0.63 , pchi = 0.15

### 6th edge



$\sqrt{r}$   
AU = 0.91 , BP = 0.28 ,  $v = -0.36$  ,  $c = 0.95$  ,  $pchi = 0.02$

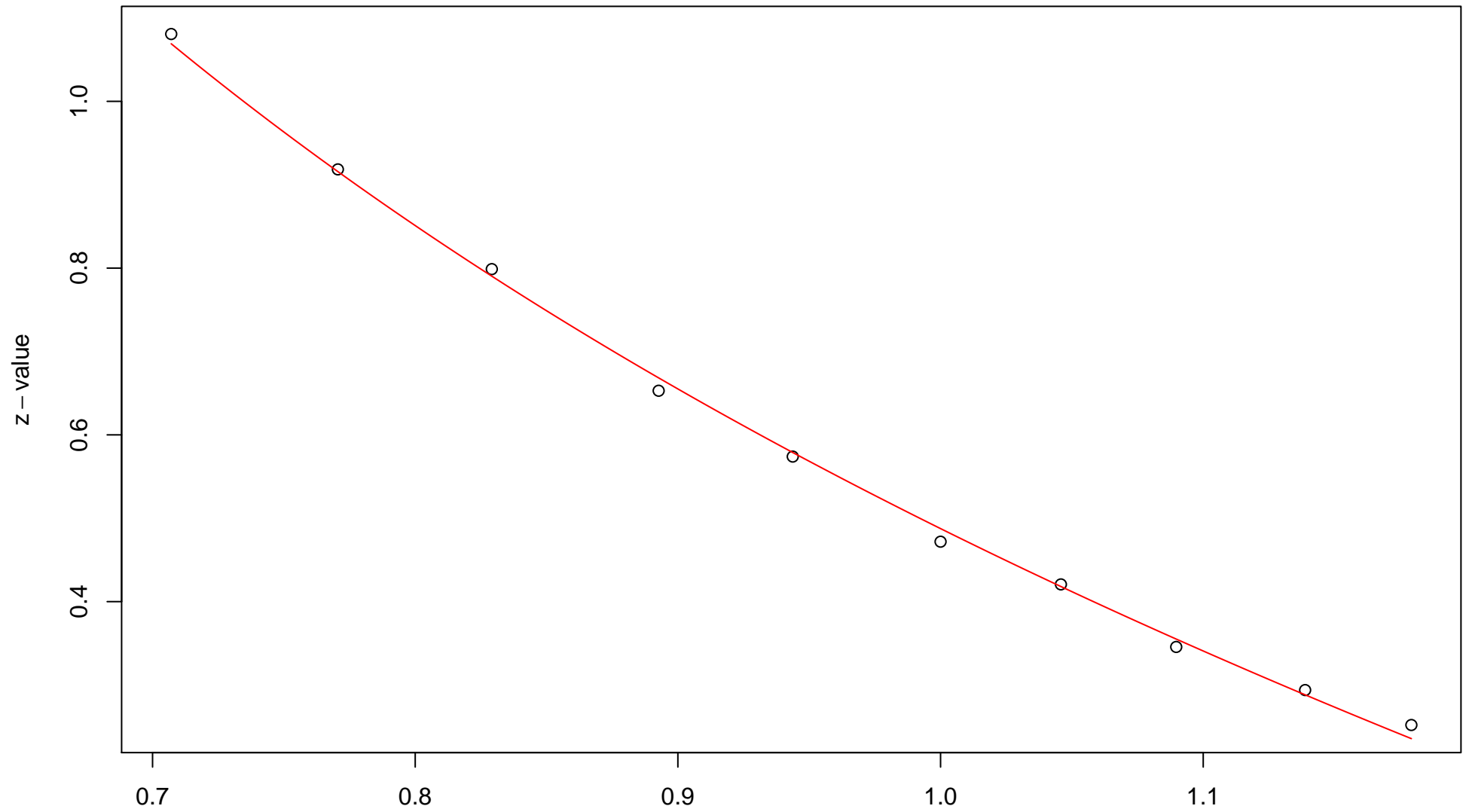
### 7th edge



$\sqrt{r}$   
AU = 0.69 , BP = 0.39 , v = -0.11 , c = 0.39 , pchi = 0

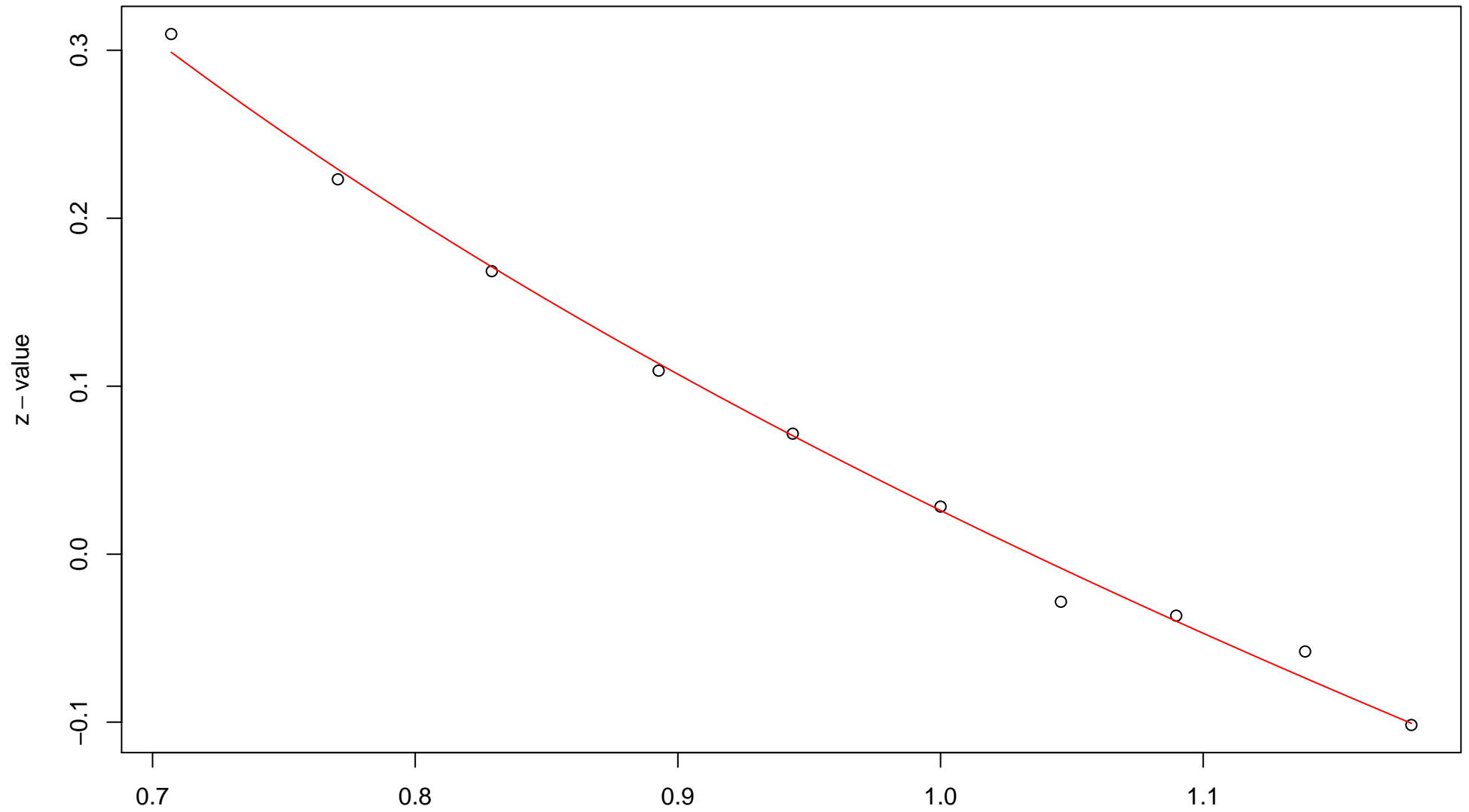


### 8th edge



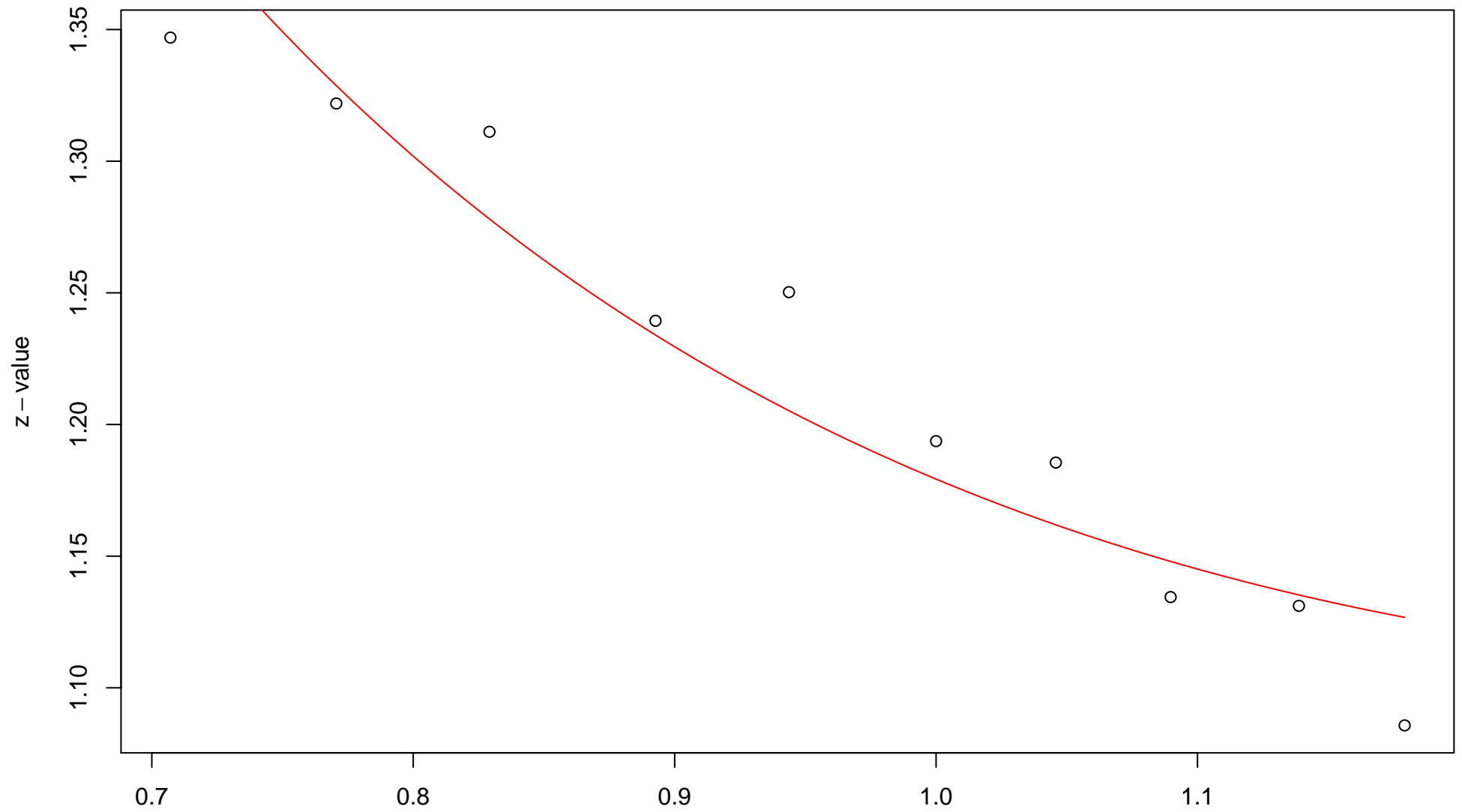
$\sqrt{r}$   
AU = 0.94 , BP = 0.31 ,  $v = -0.54$  ,  $c = 1.02$  ,  $pchi = 0.62$

### 9th edge



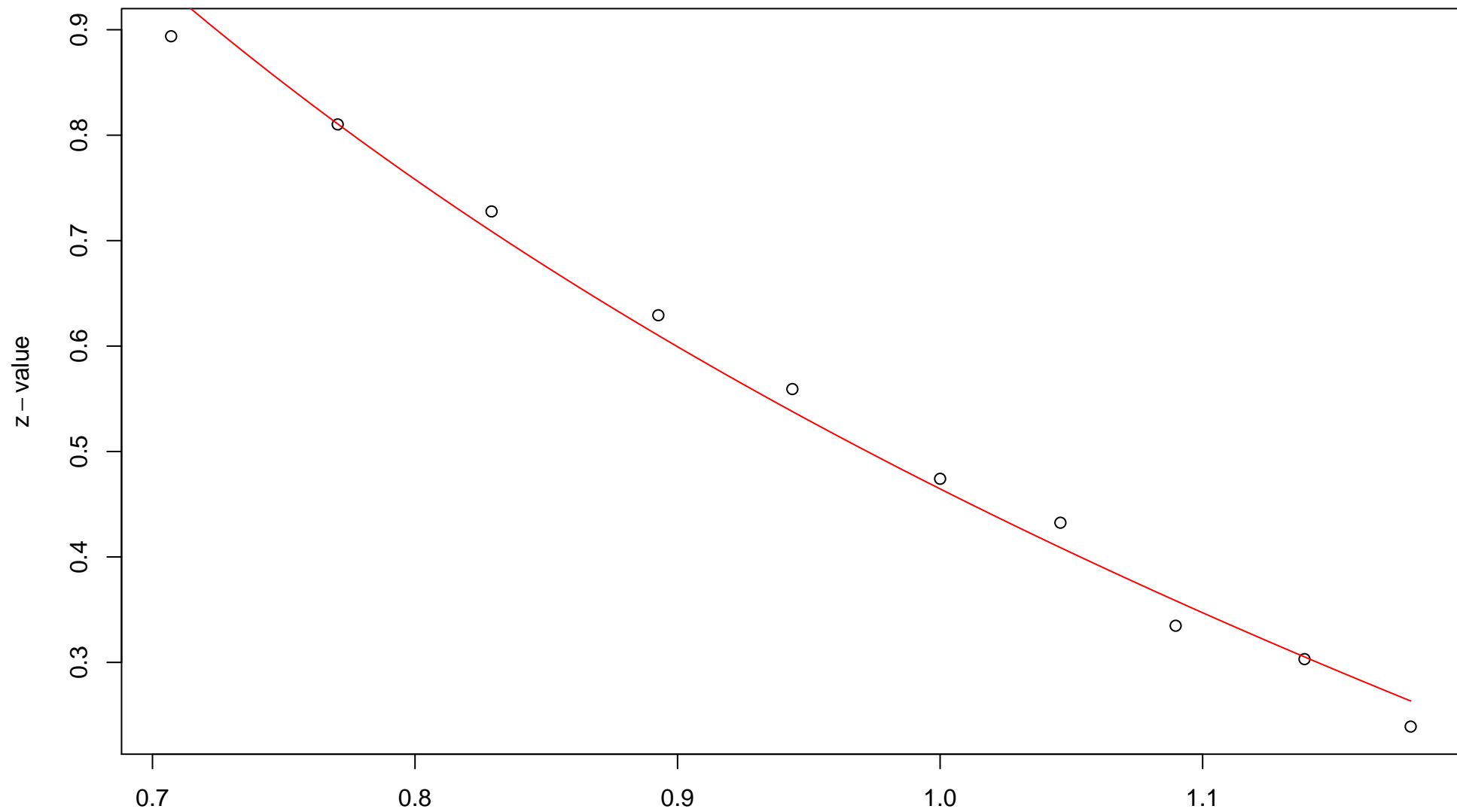
$\sqrt{r}$   
AU = 0.78 , BP = 0.49 ,  $v = -0.37$  ,  $c = 0.4$  , pchi = 0.72

# 10th edge



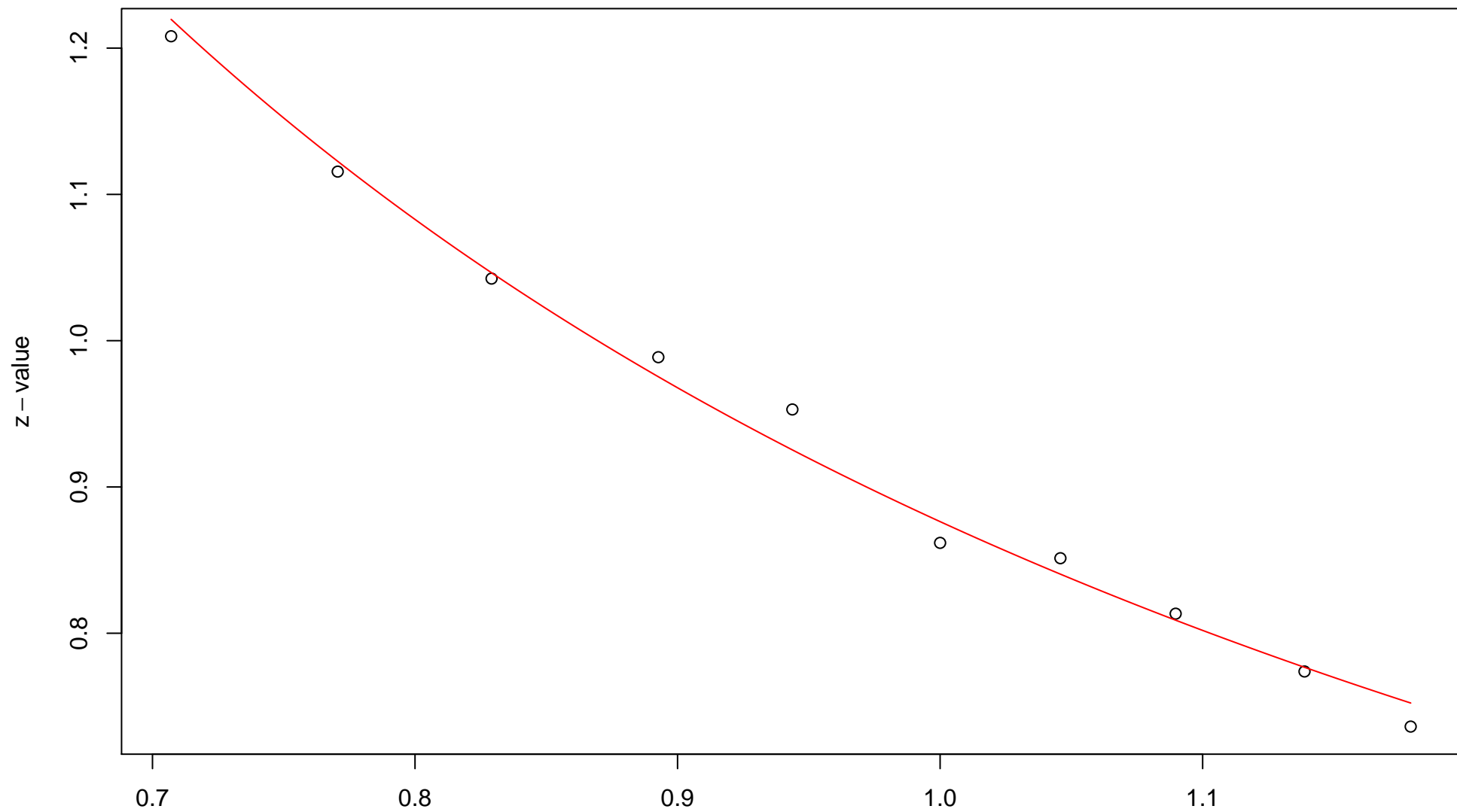
$\sqrt{r}$   
AU = 0.66 , BP = 0.12 ,  $v$  = 0.38 ,  $c$  = 0.8 , pchi = 0

# 11th edge



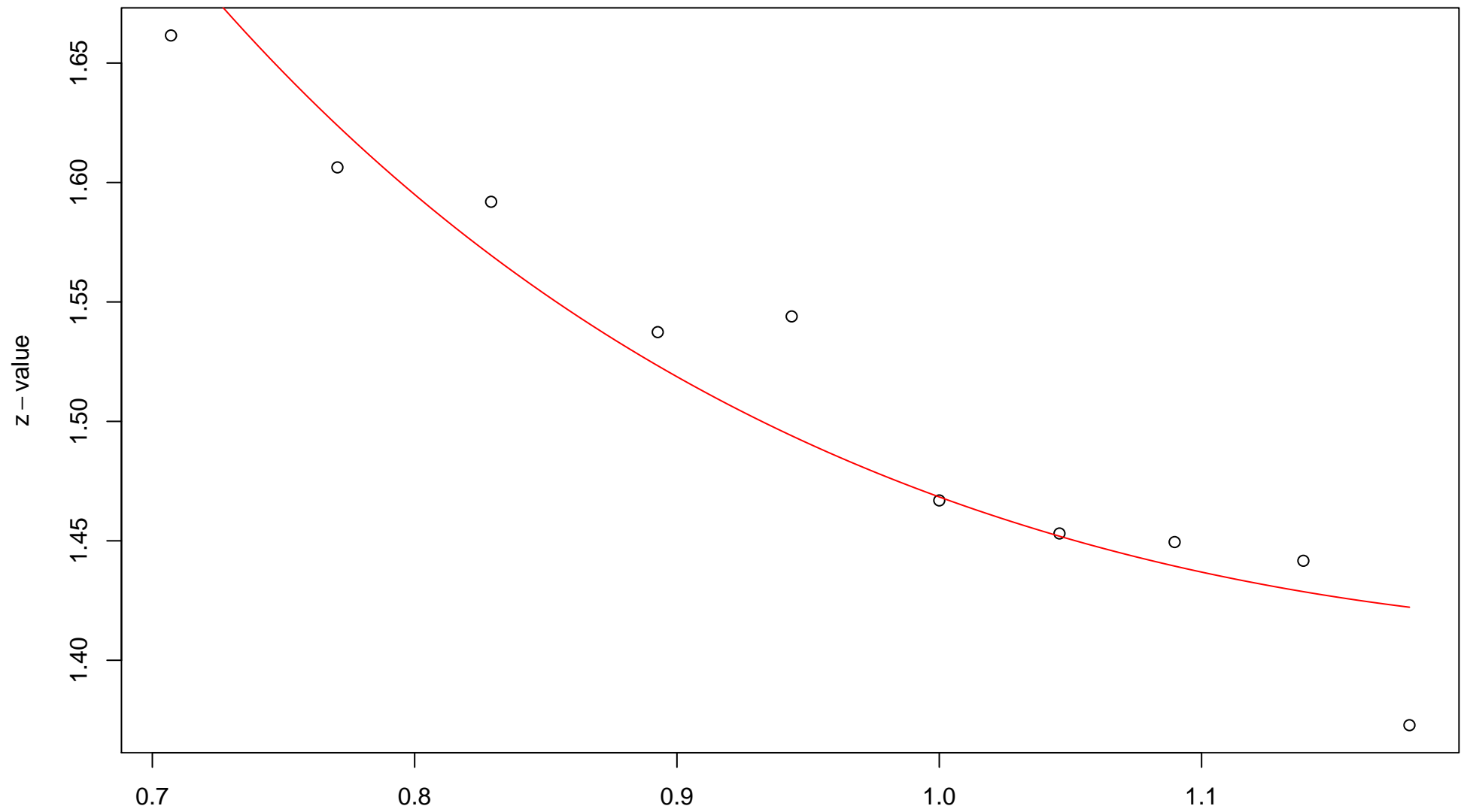
$\sqrt{r}$   
AU = 0.89 , BP = 0.32 , v = -0.39 , c = 0.86 , pchi = 0

# 12th edge



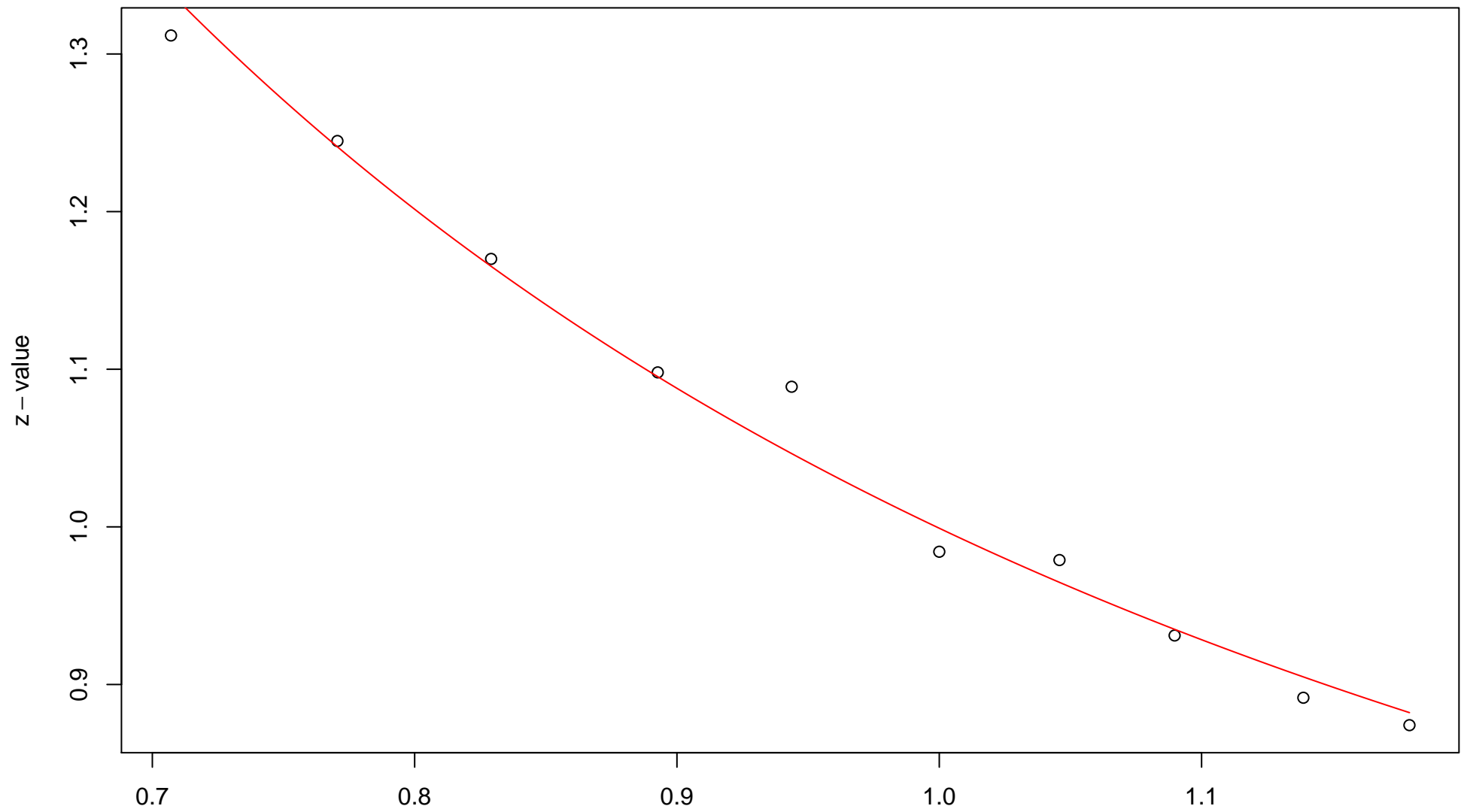
$\sqrt{r}$   
AU = 0.79 , BP = 0.19 ,  $v$  = 0.03 ,  $c$  = 0.85 , pchi = 0.42

### 13th edge



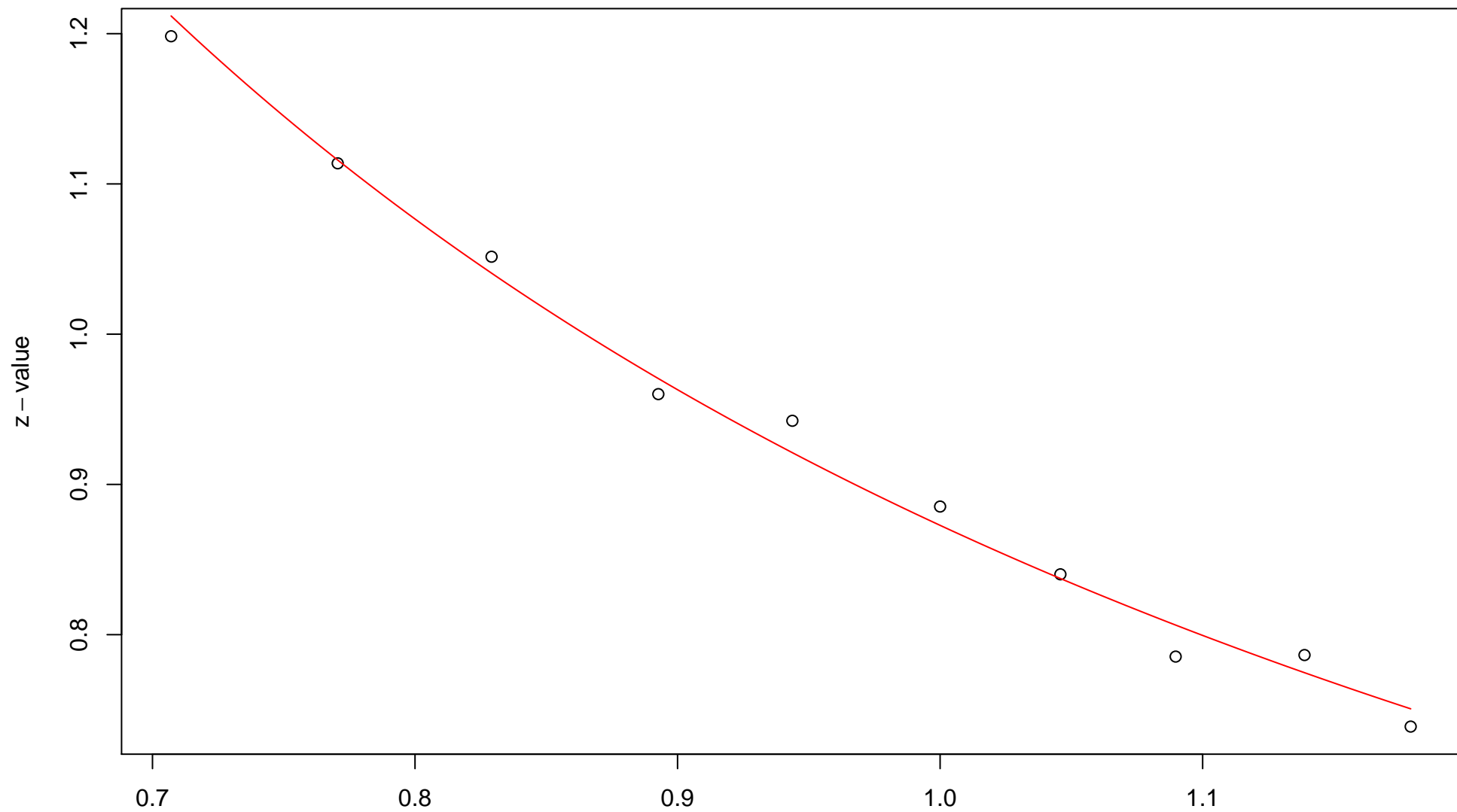
$\sqrt{r}$   
AU = 0.66 , BP = 0.07 ,  $v = 0.53$  , c = 0.93 , pchi = 0.01

# 14th edge



$\sqrt{r}$   
AU = 0.78 , BP = 0.16 , v = 0.11 , c = 0.89 , pchi = 0.11

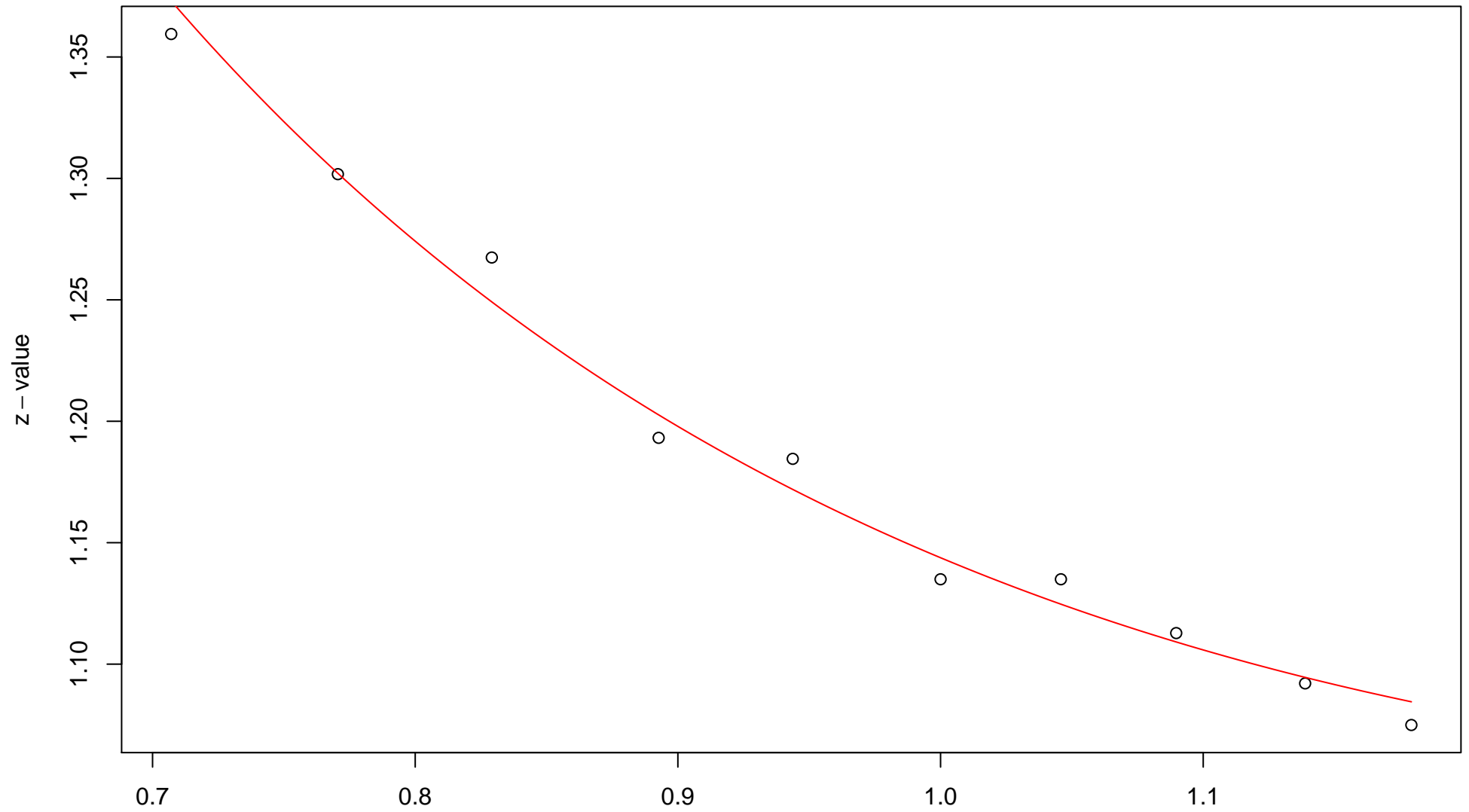
# 15th edge



$\sqrt{r}$   
AU = 0.79 , BP = 0.19 ,  $v$  = 0.03 ,  $c$  = 0.84 , pchi = 0.42

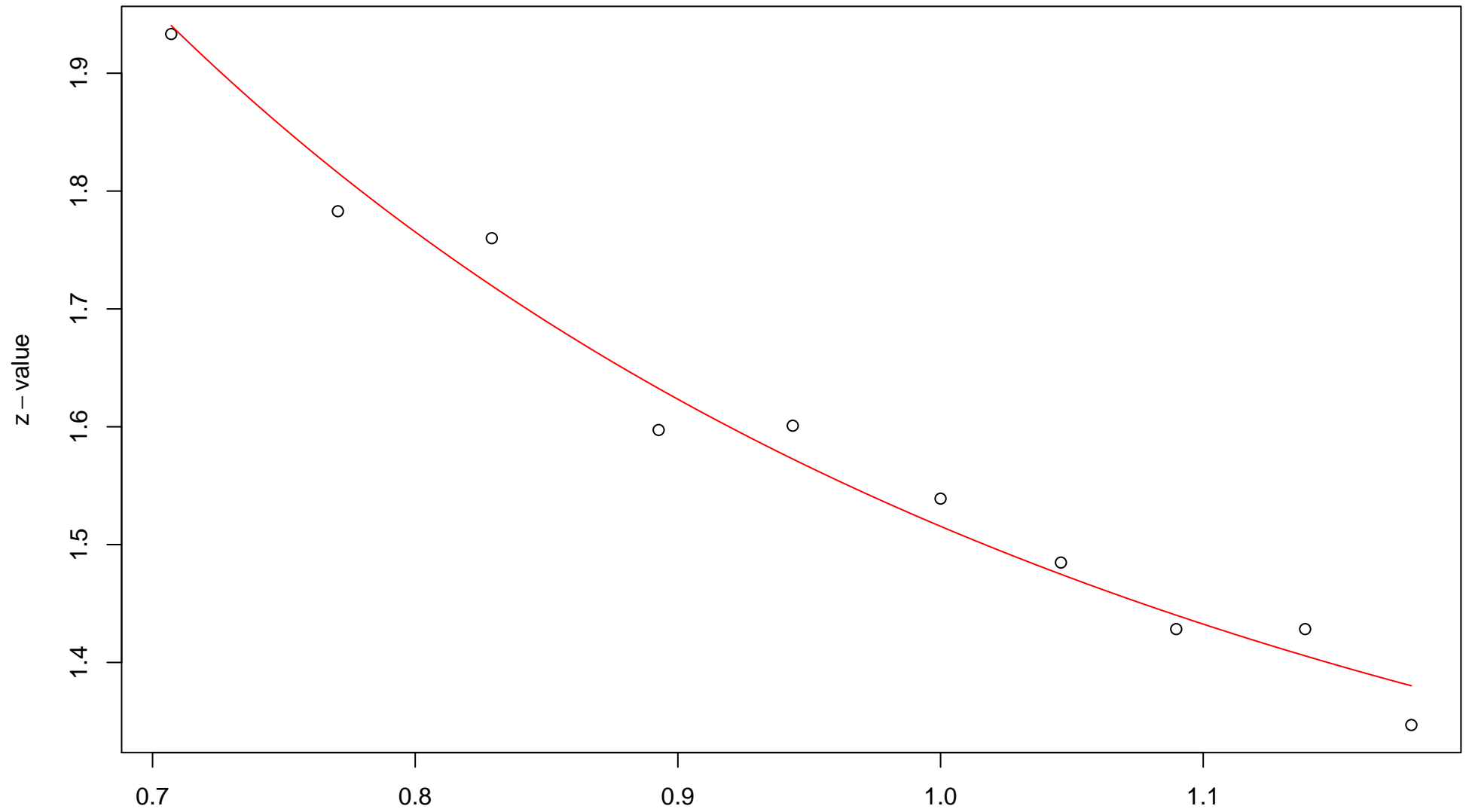


# 16th edge



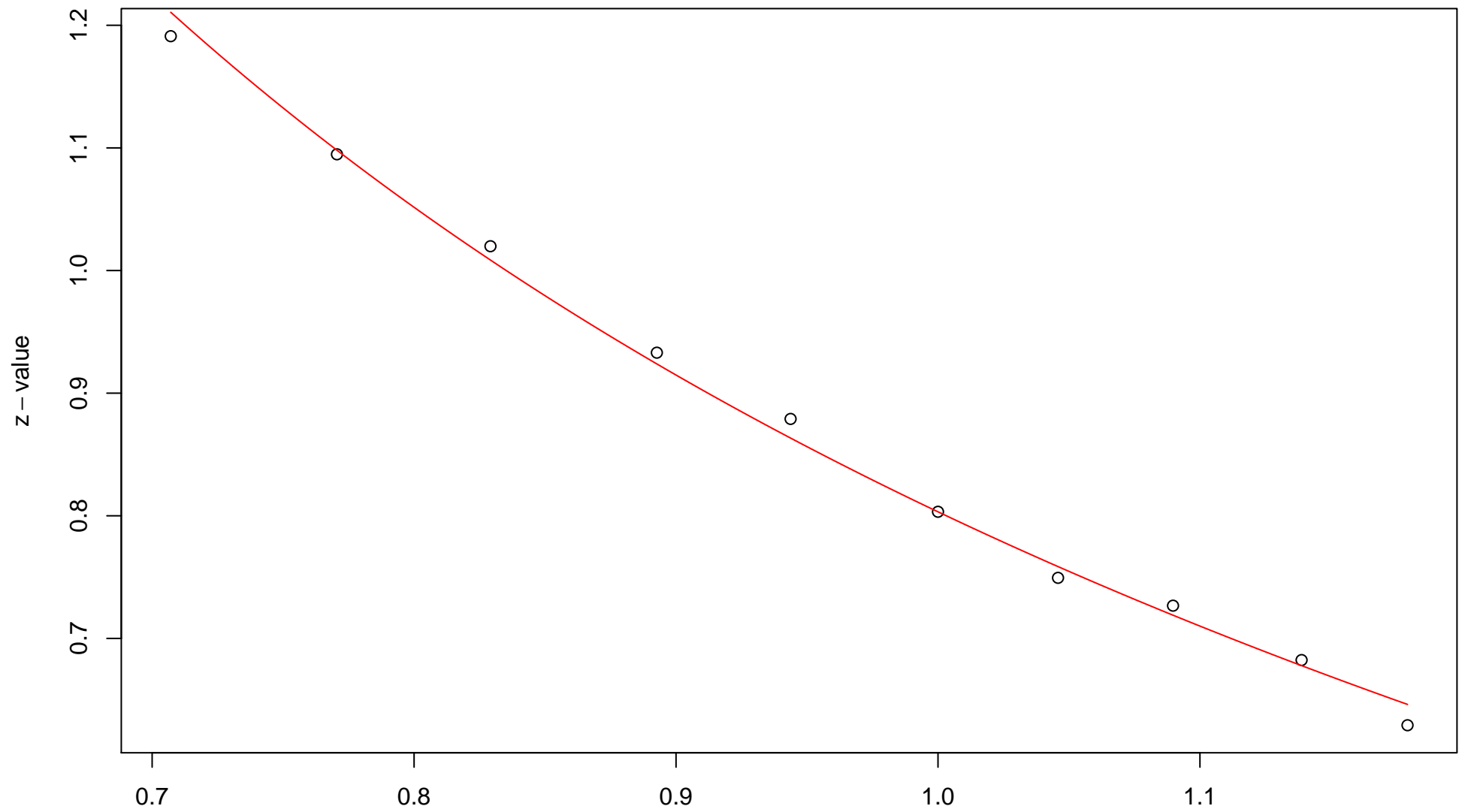
$\sqrt{r}$   
AU = 0.67 , BP = 0.13 ,  $v = 0.35$  , c = 0.8 , pchi = 0.87

# 17th edge



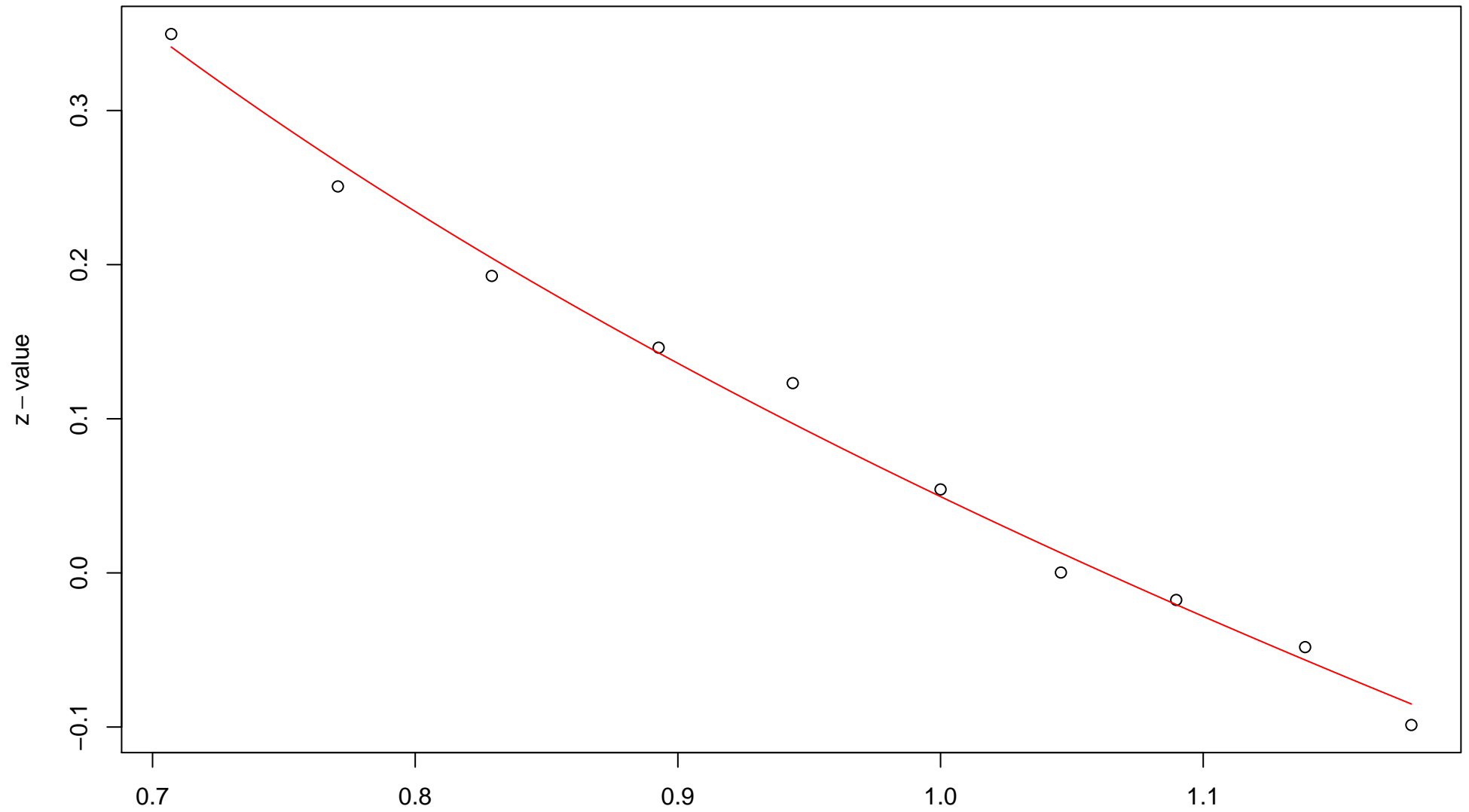
$\sqrt{r}$   
AU = 0.83 , BP = 0.06 , v = 0.29 , c = 1.23 , pchi = 0.03

# 18th edge



$\sqrt{r}$   
AU = 0.84 , BP = 0.21 ,  $v = -0.11$  ,  $c = 0.91$  ,  $pchi = 0.65$

# 19th edge



$\sqrt{r}$   
AU = 0.79 , BP = 0.48 ,  $v = -0.38$  ,  $c = 0.43$  , pchi = 0.26

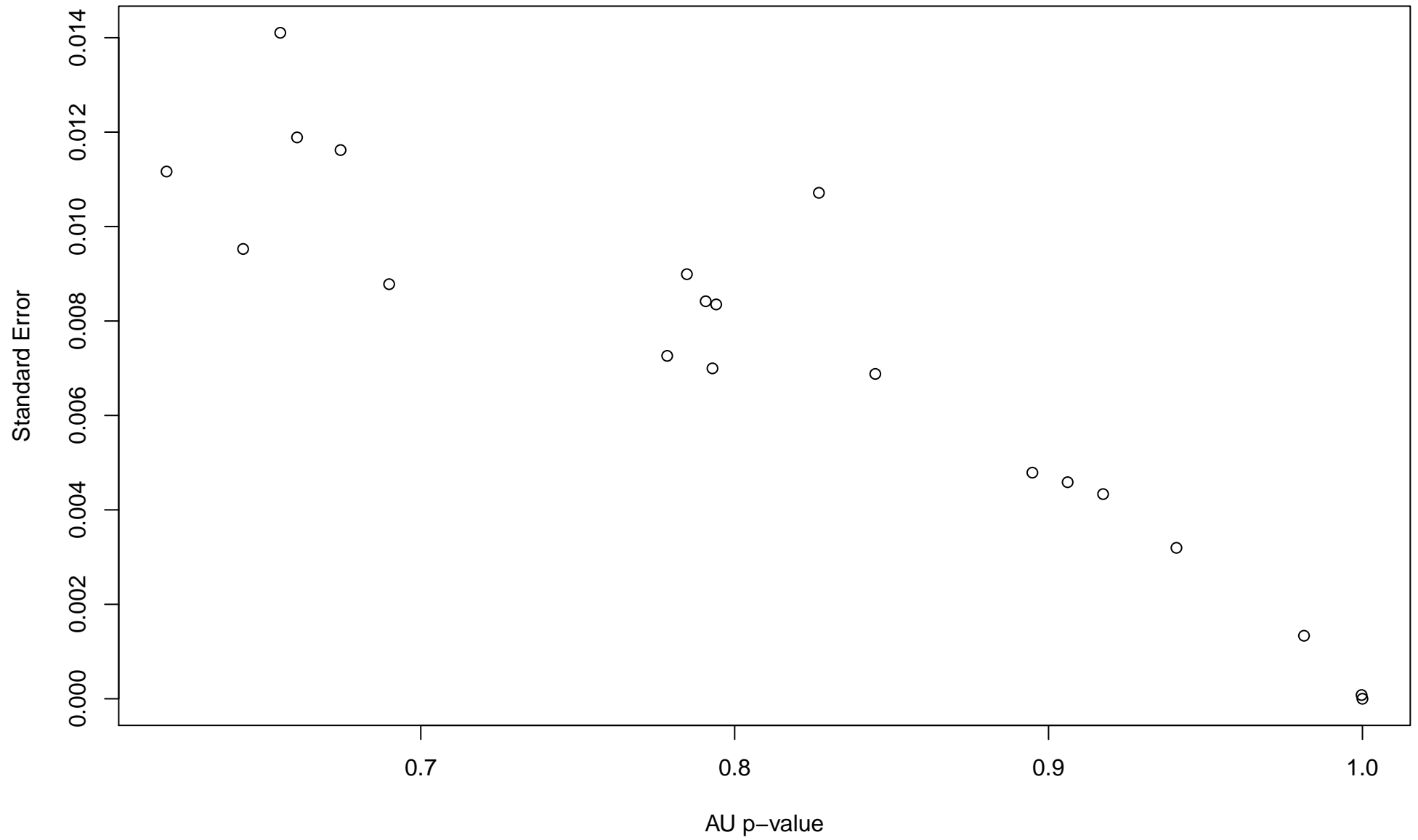
20th edge

z – value

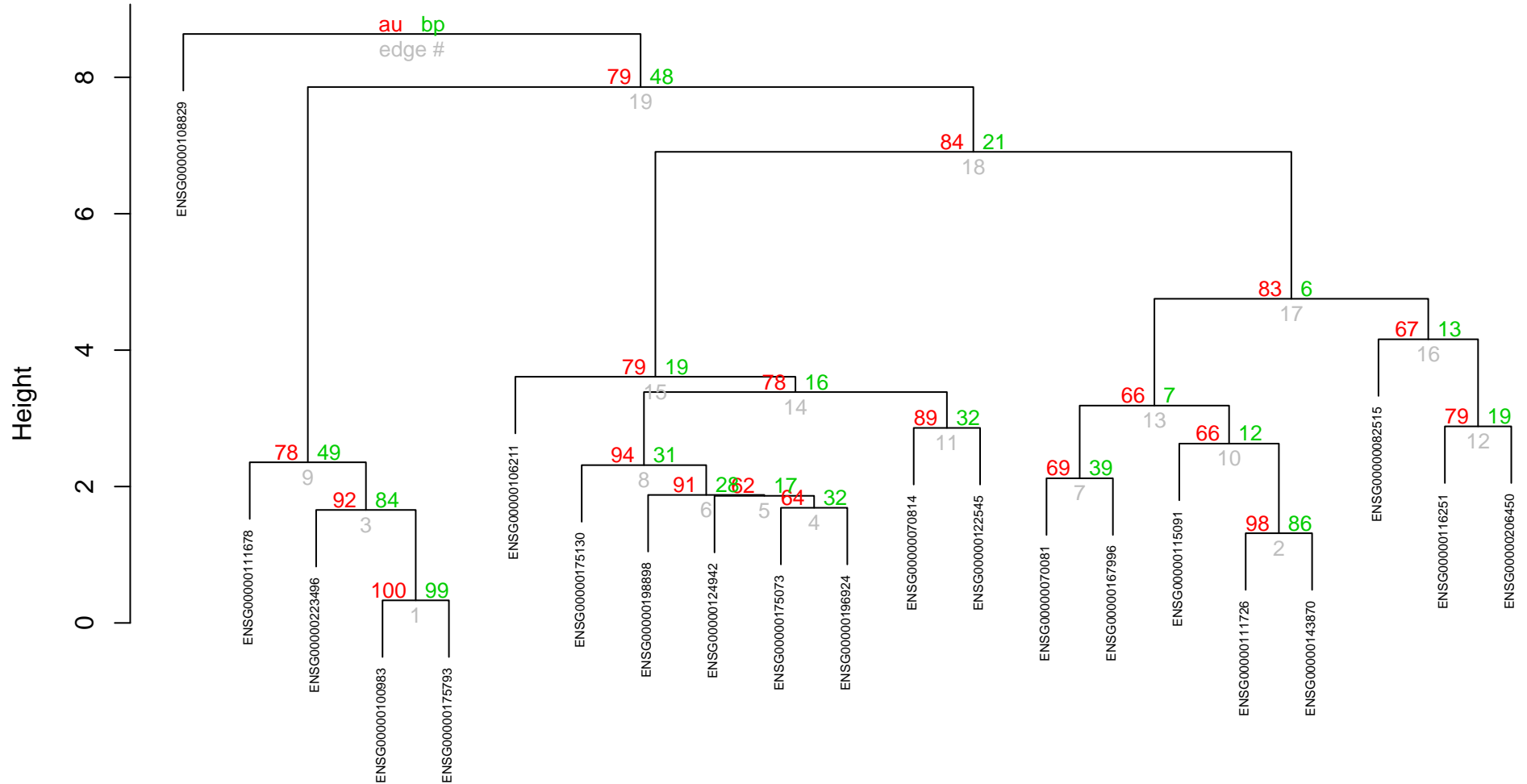
No fitting

$\sqrt{r}$   
AU = 1 , BP = 1 , v = 0 , c = 0 , pchi = 0

**p-value vs standard error plot**



# Cluster dendrogram with AU/BP values (%)



Distance: euclidean  
Cluster method: ward.D2