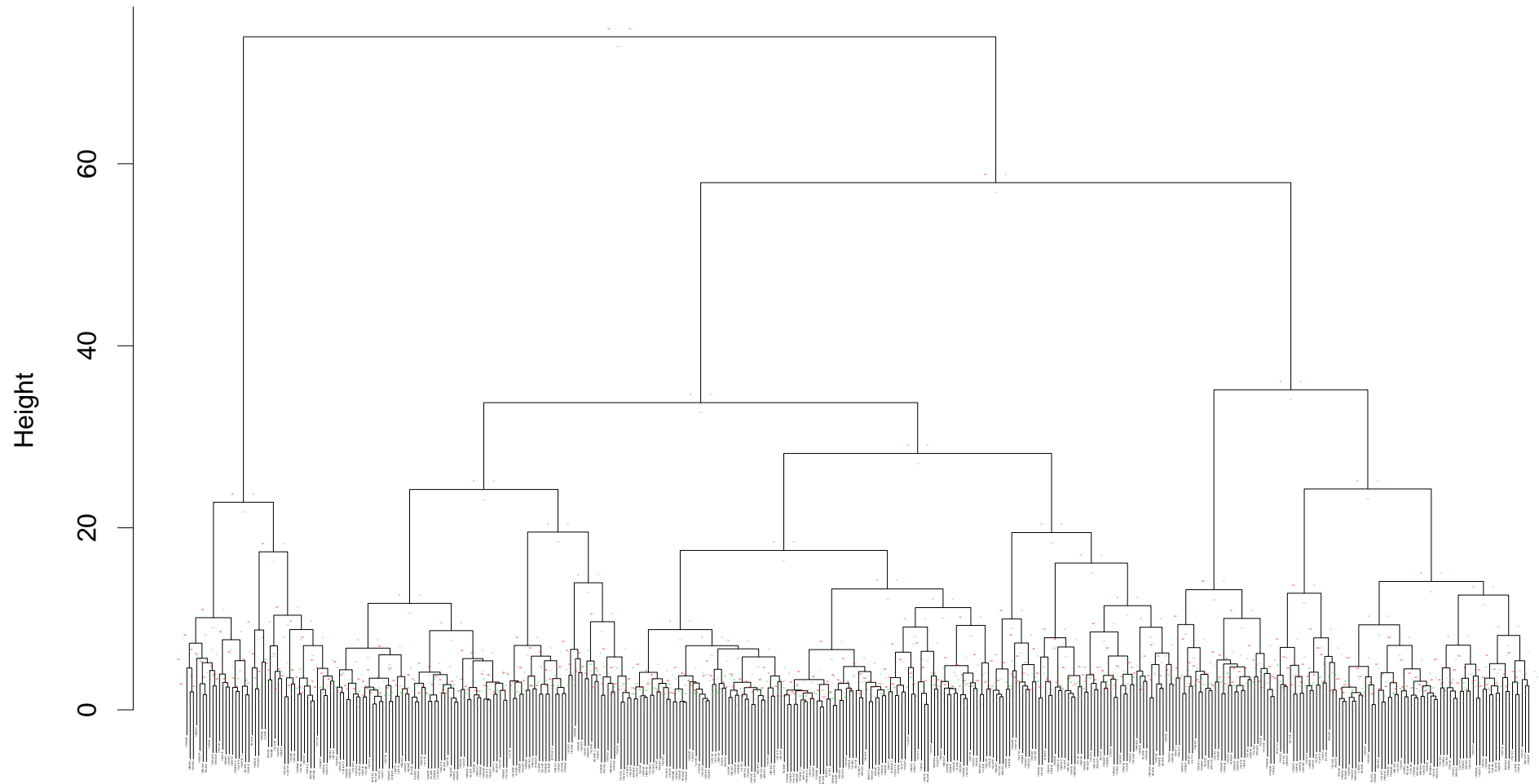
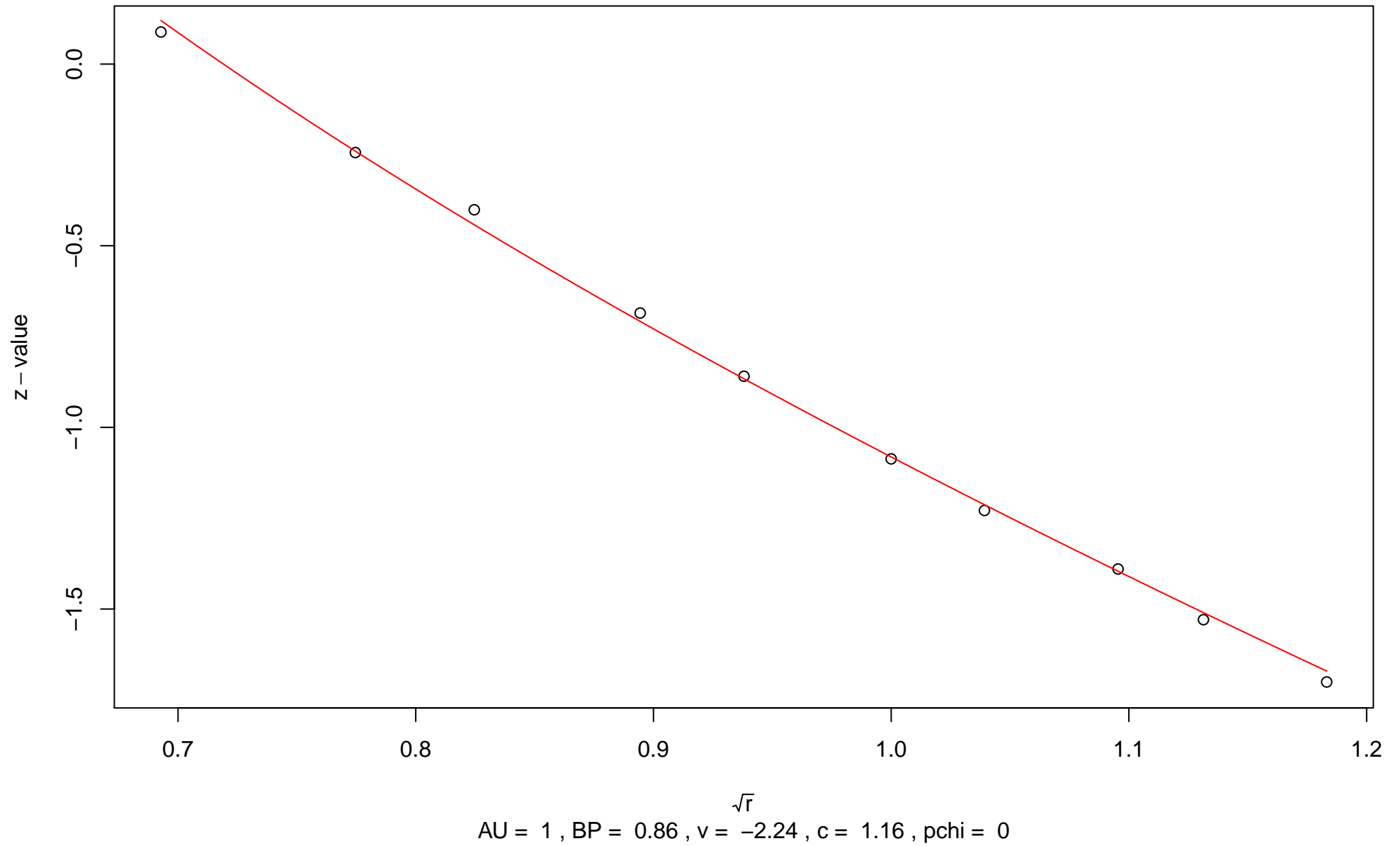


**Cluster dendrogram with AU/BP values (%)**

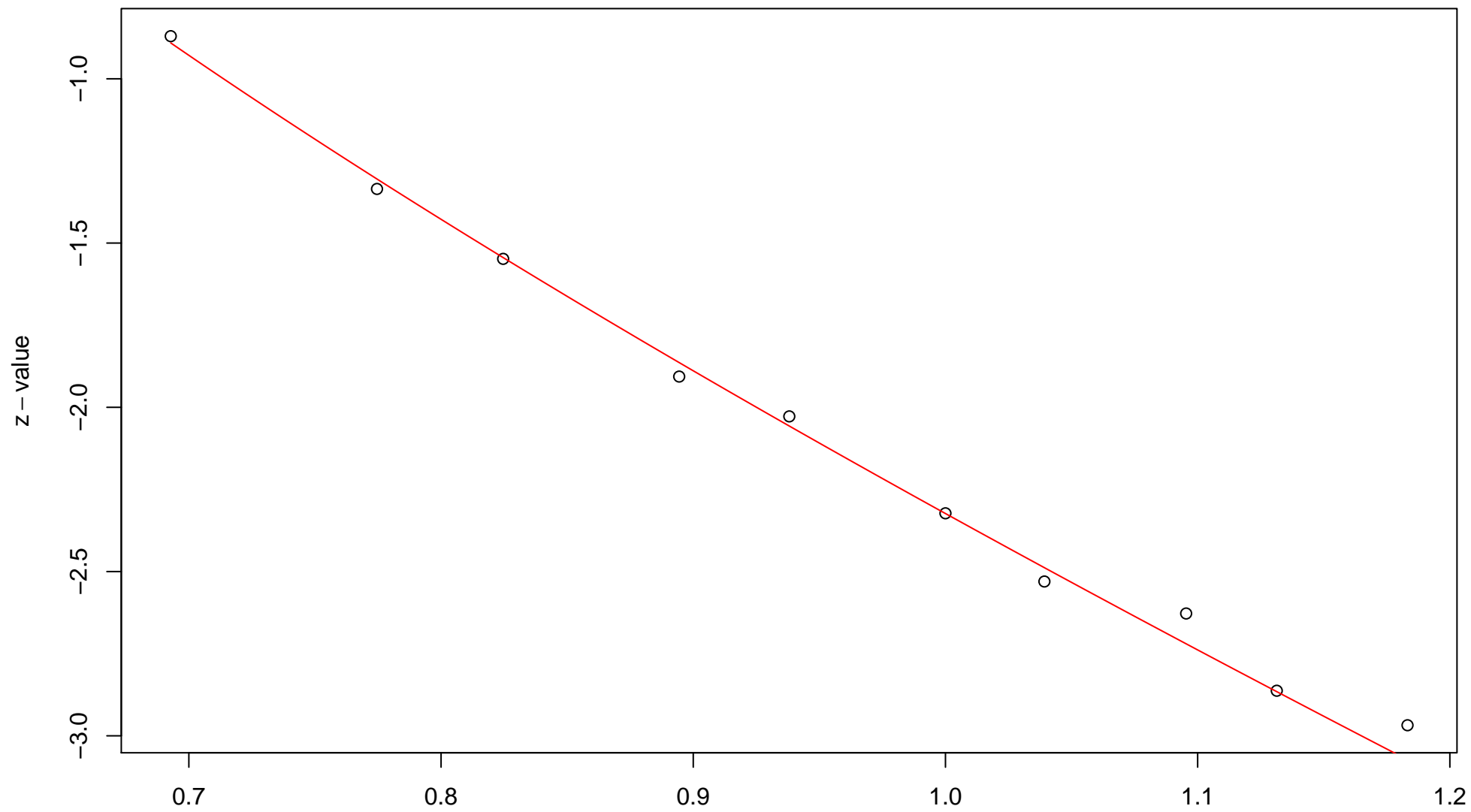


Distance: euclidean  
Cluster method: ward.D2

# 1st edge

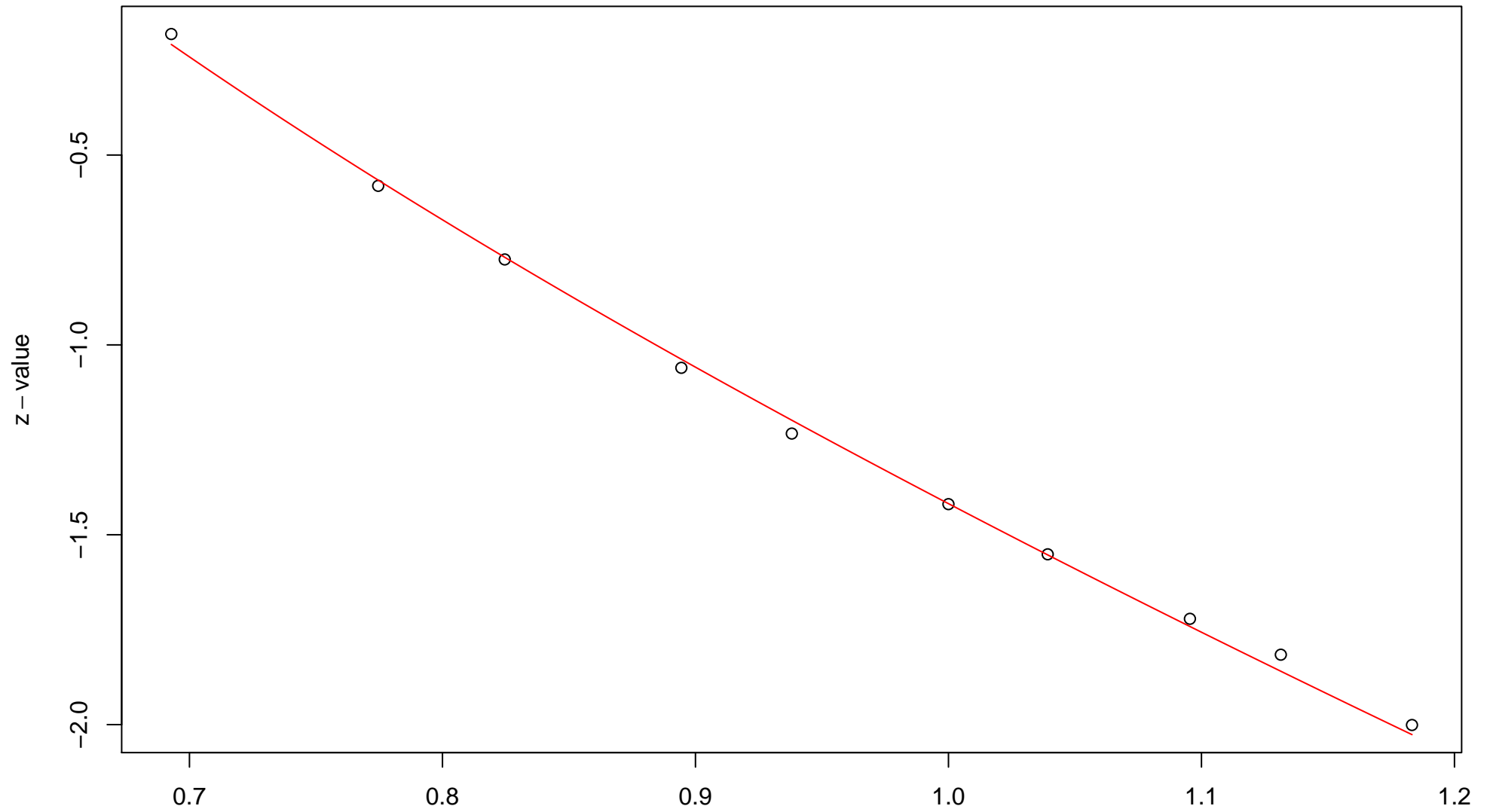


## 2nd edge



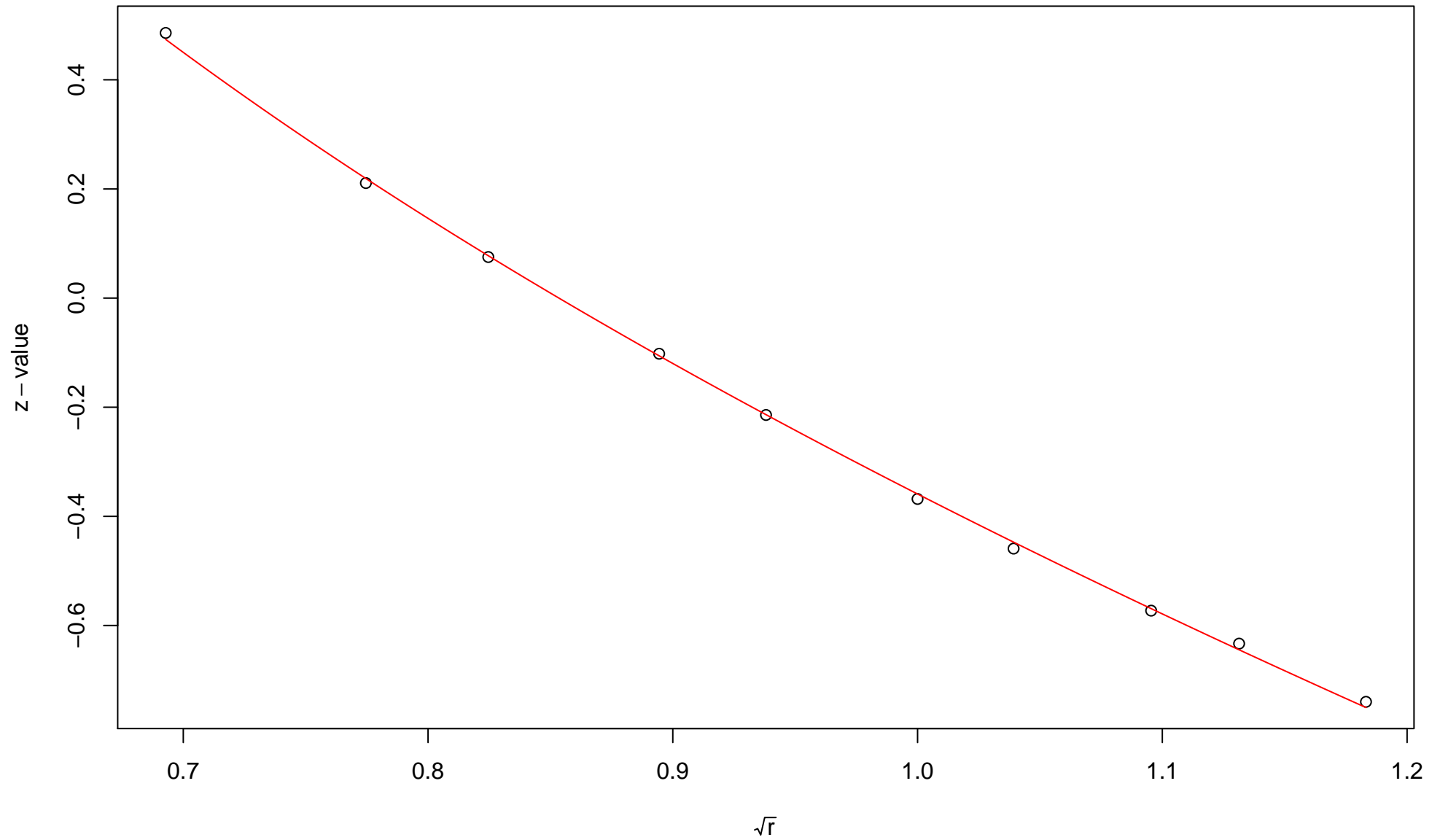
$\sqrt{r}$   
AU = 1 , BP = 0.99 ,  $v = -3.28$  ,  $c = 0.96$  ,  $pchi = 0.07$

### 3rd edge



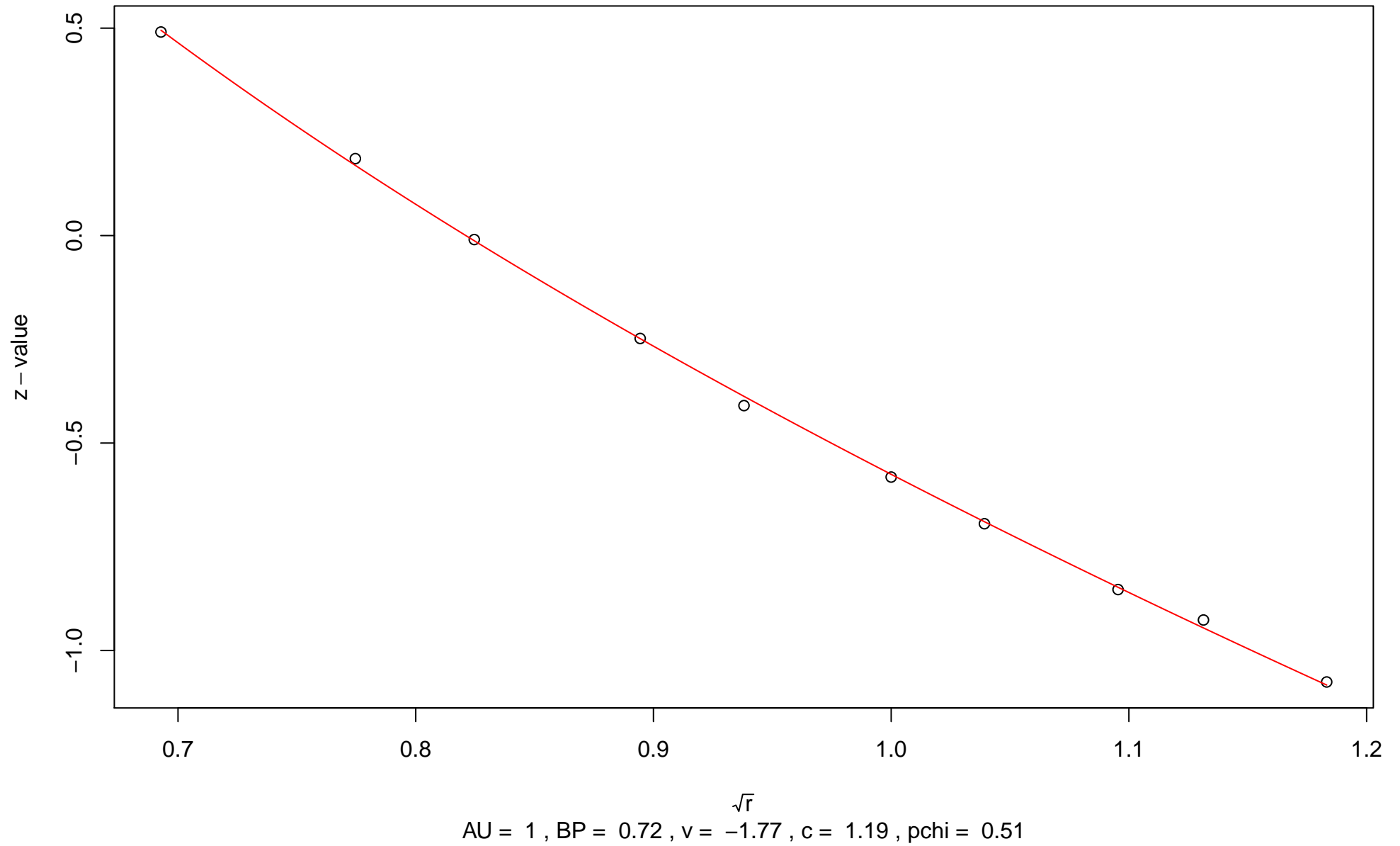
$\sqrt{r}$   
AU = 1 , BP = 0.92 ,  $v = -2.45$  ,  $c = 1.03$  ,  $pchi = 0.02$

### 4th edge

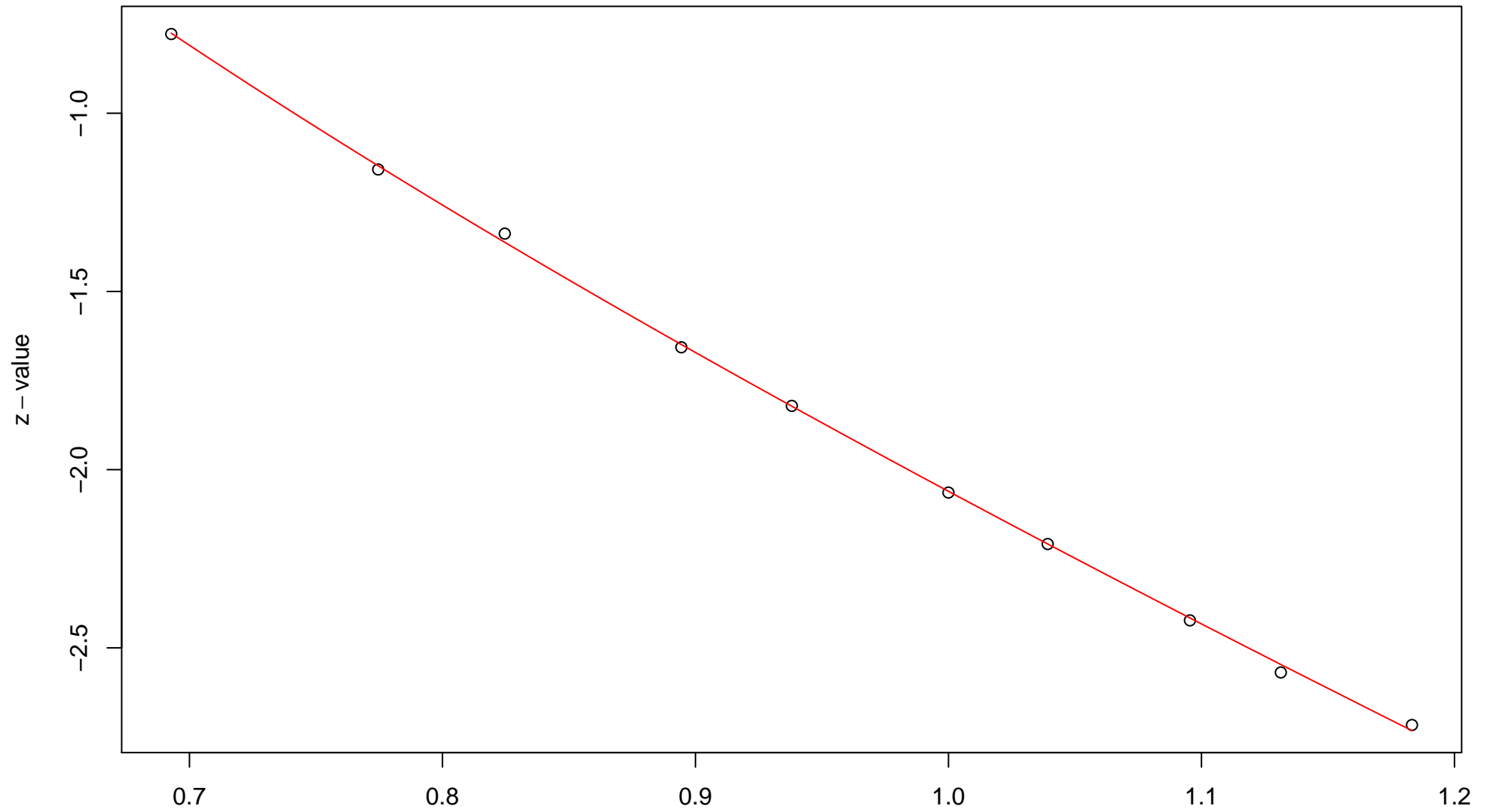


$\sqrt{r}$   
AU = 0.99 , BP = 0.64 ,  $v = -1.32$  ,  $c = 0.96$  ,  $pchi = 0.85$

### 5th edge

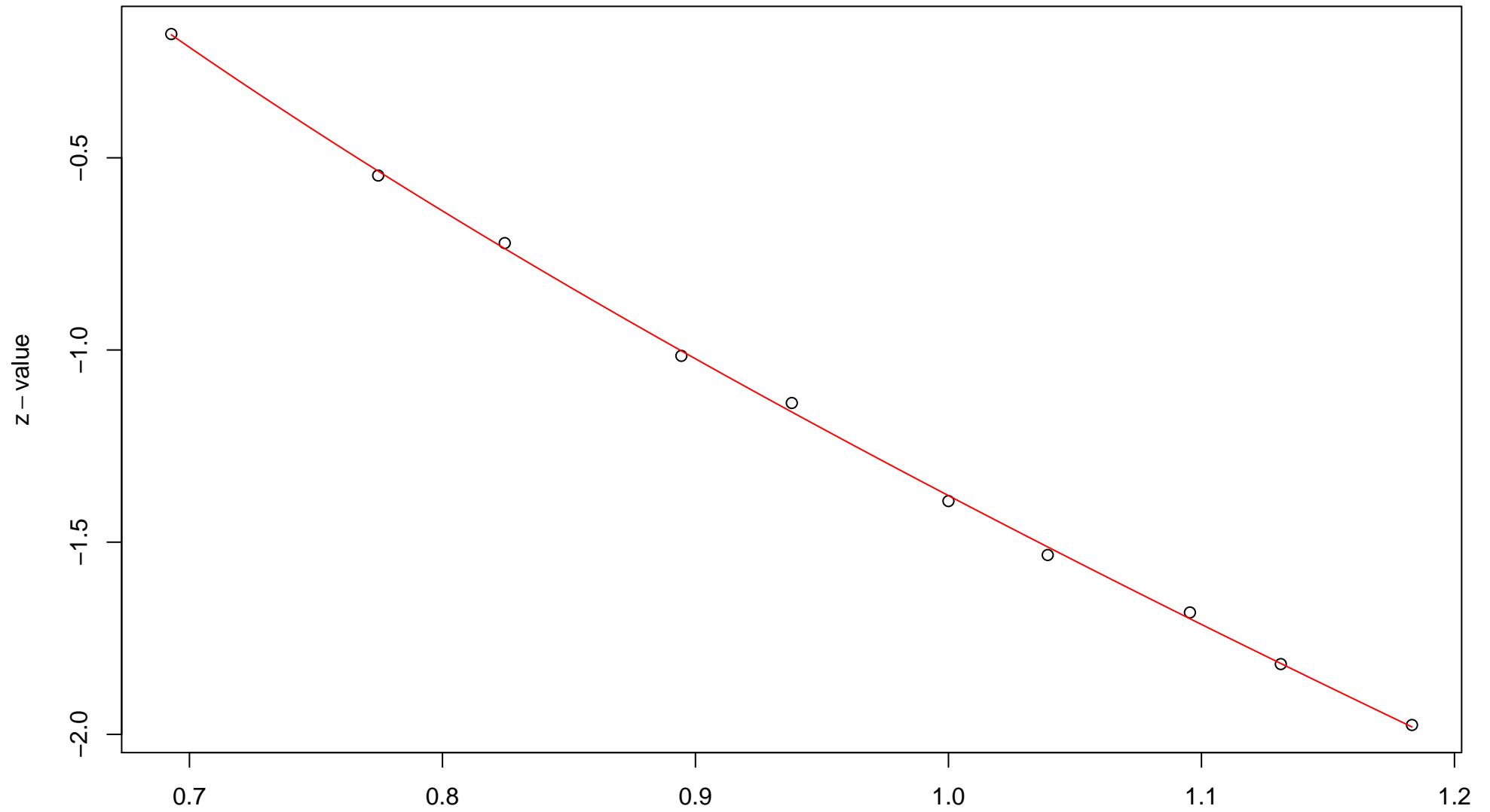


### 6th edge



$\sqrt{r}$   
AU = 1 , BP = 0.98 ,  $v = -2.93$  ,  $c = 0.87$  ,  $pchi = 0.95$

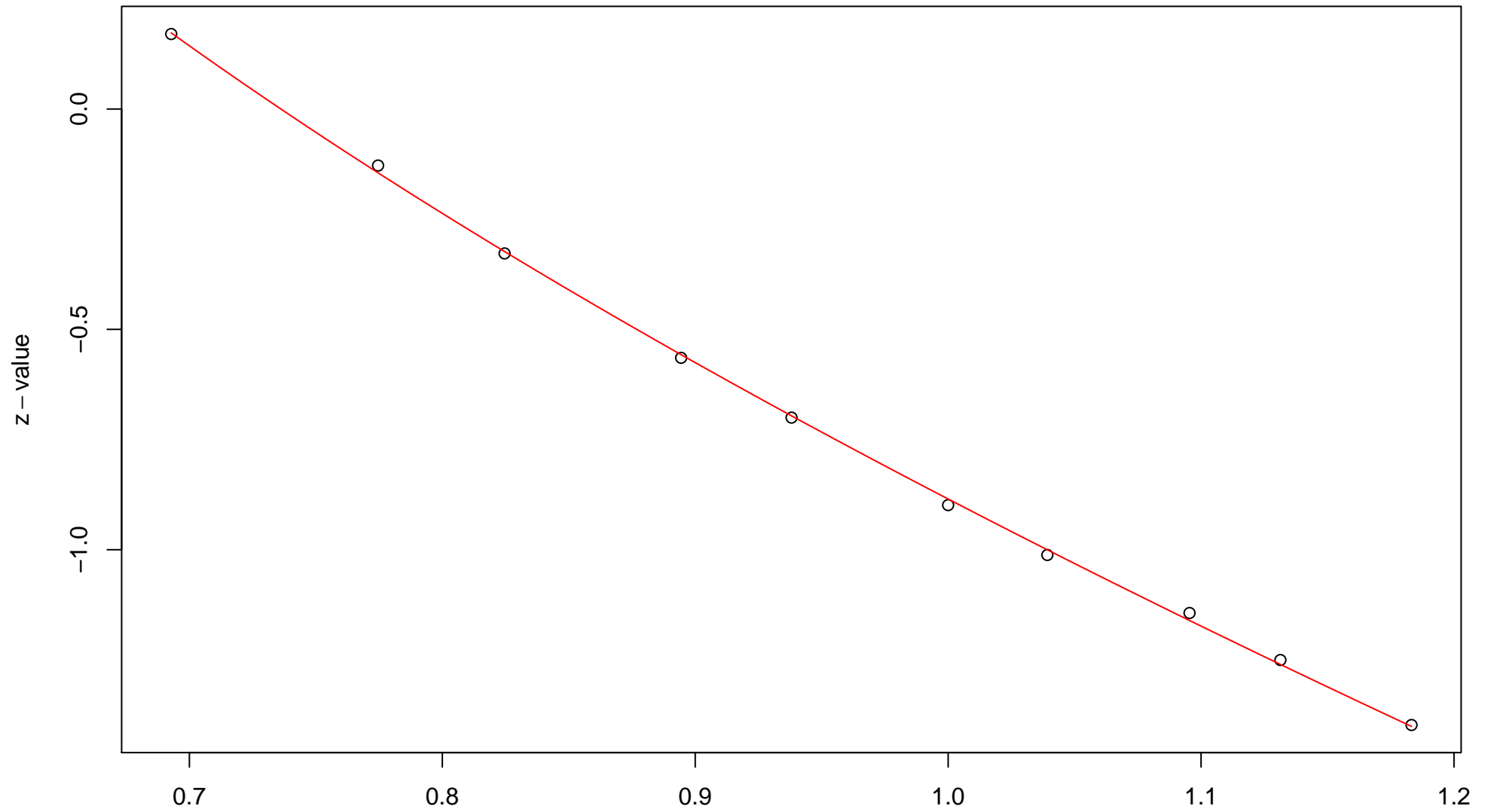
### 7th edge



$\sqrt{r}$   
AU = 1 , BP = 0.92 ,  $v = -2.41$  ,  $c = 1.03$  ,  $pchi = 0.53$

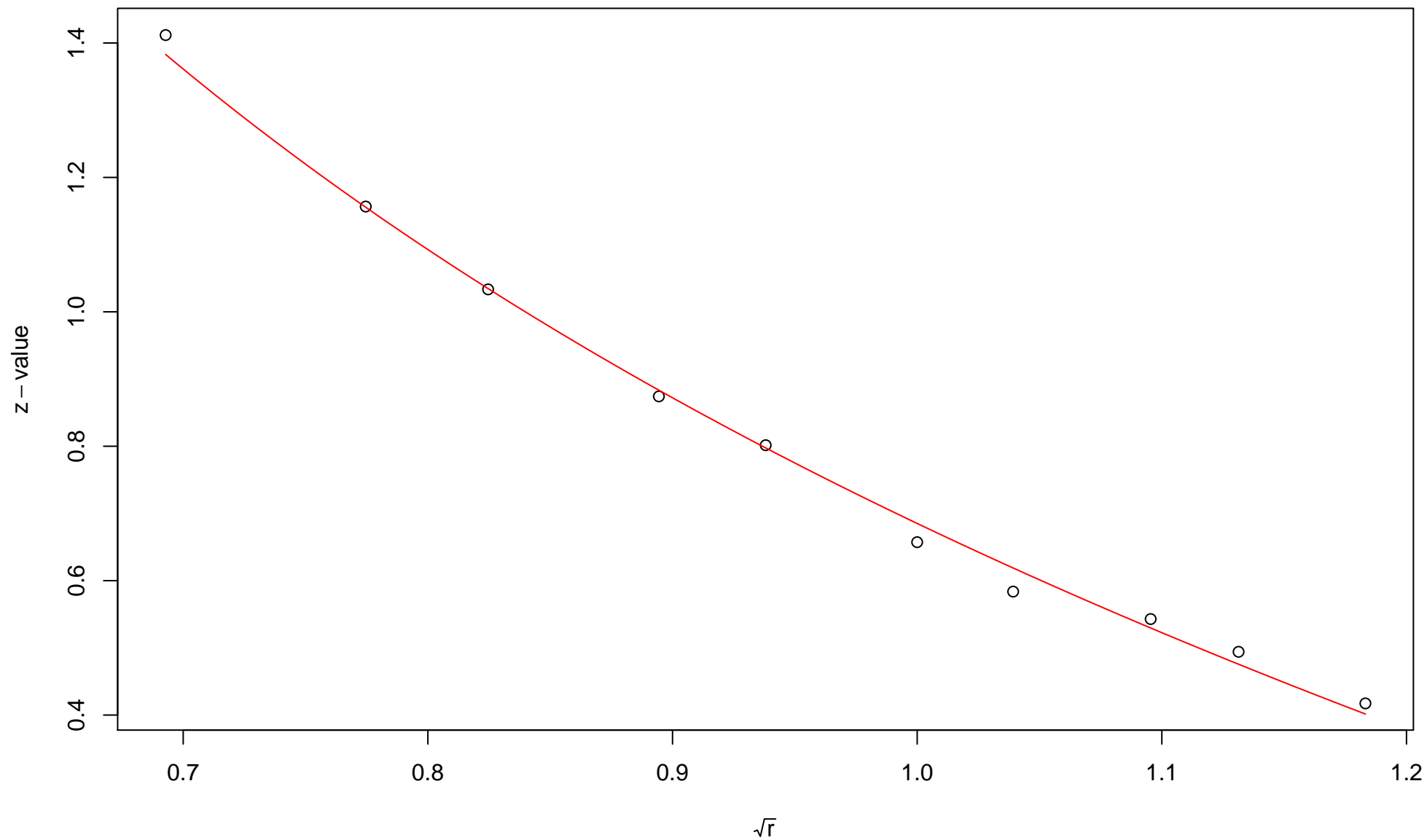


### 8th edge



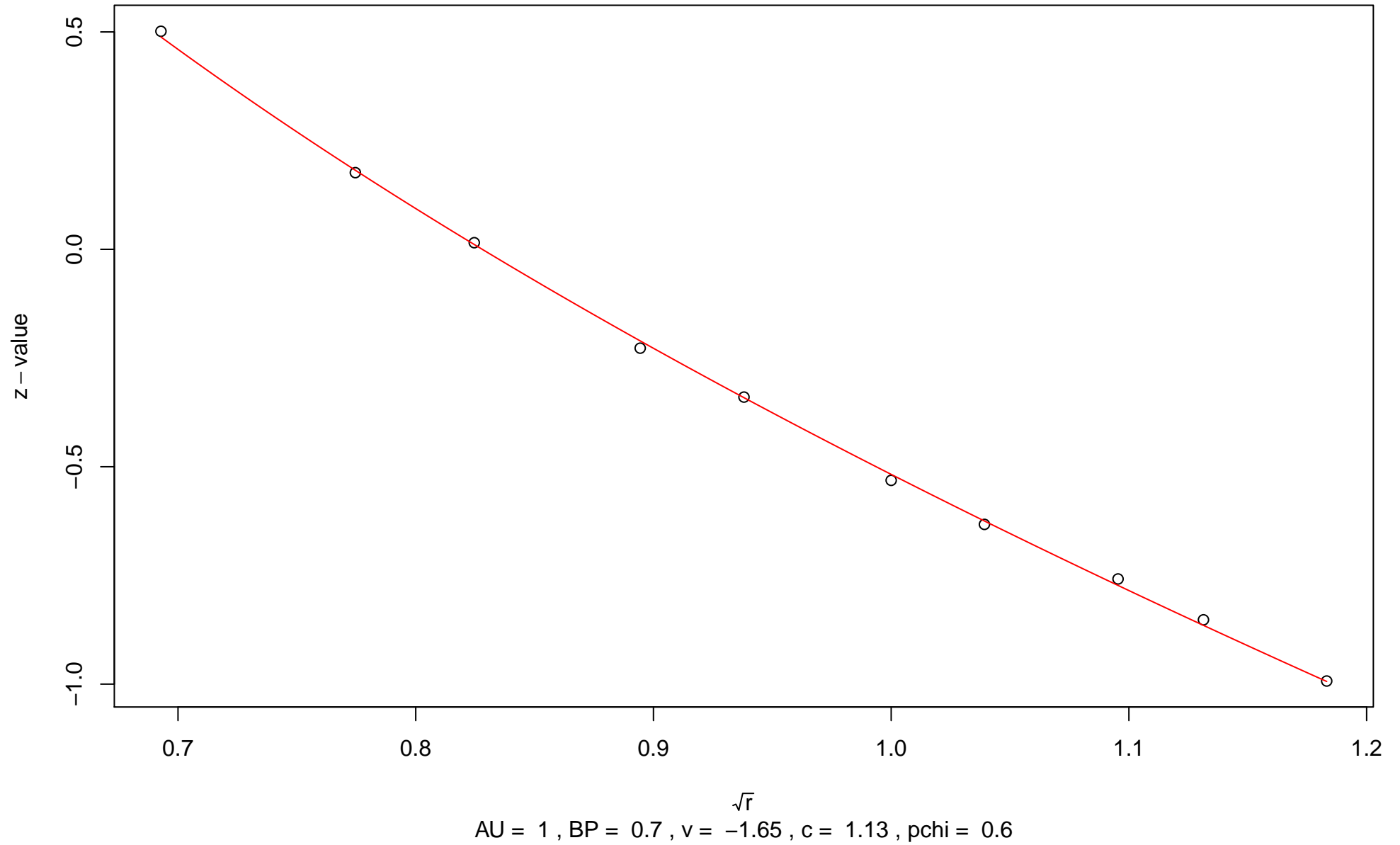
$\sqrt{r}$   
AU = 1 , BP = 0.81 ,  $v = -1.93$  ,  $c = 1.05$  ,  $pchi = 0.73$

### 9th edge

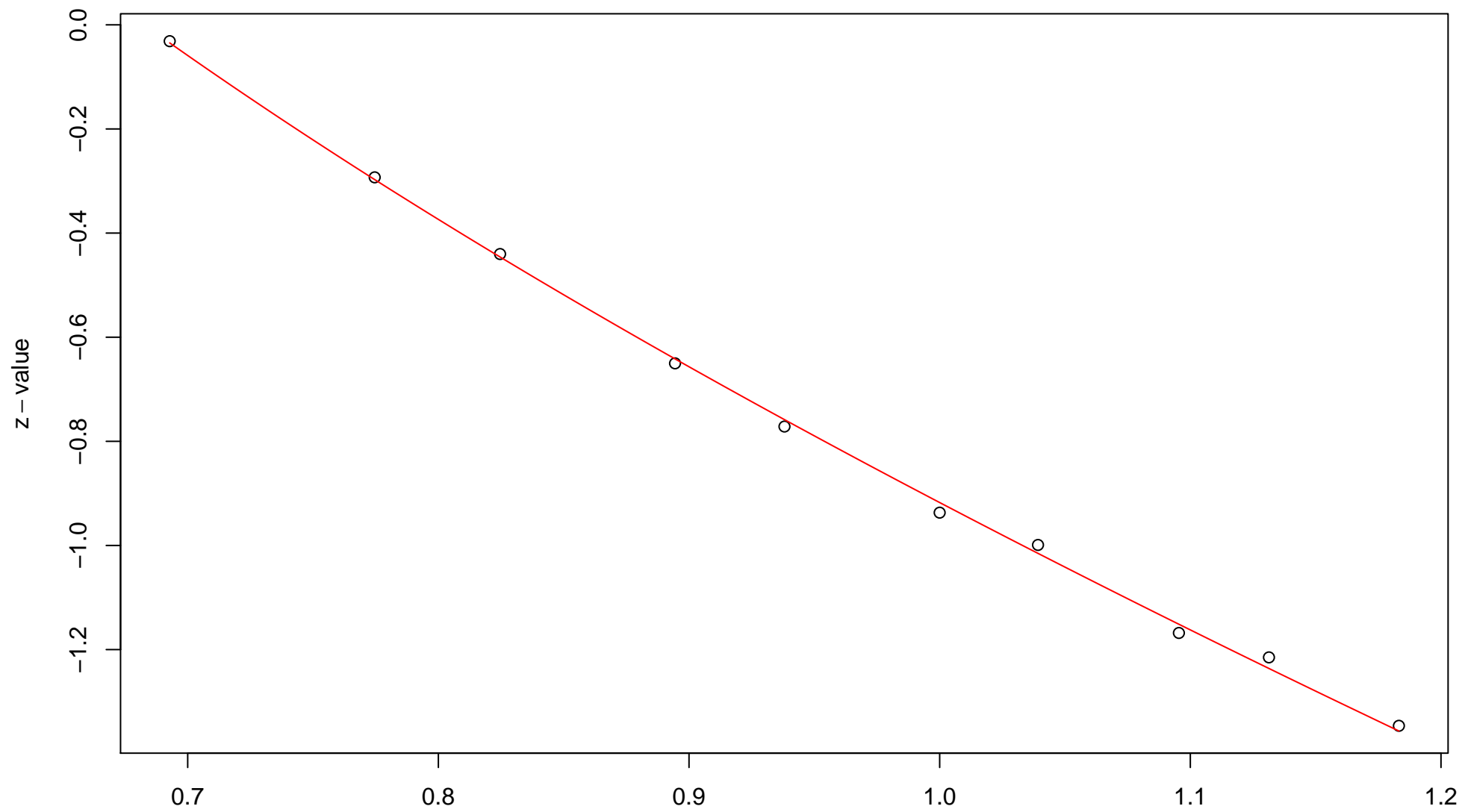


$\sqrt{r}$   
AU = 0.96 , BP = 0.25 ,  $v = -0.53$  , c = 1.21 , pchi = 0.02

# 10th edge

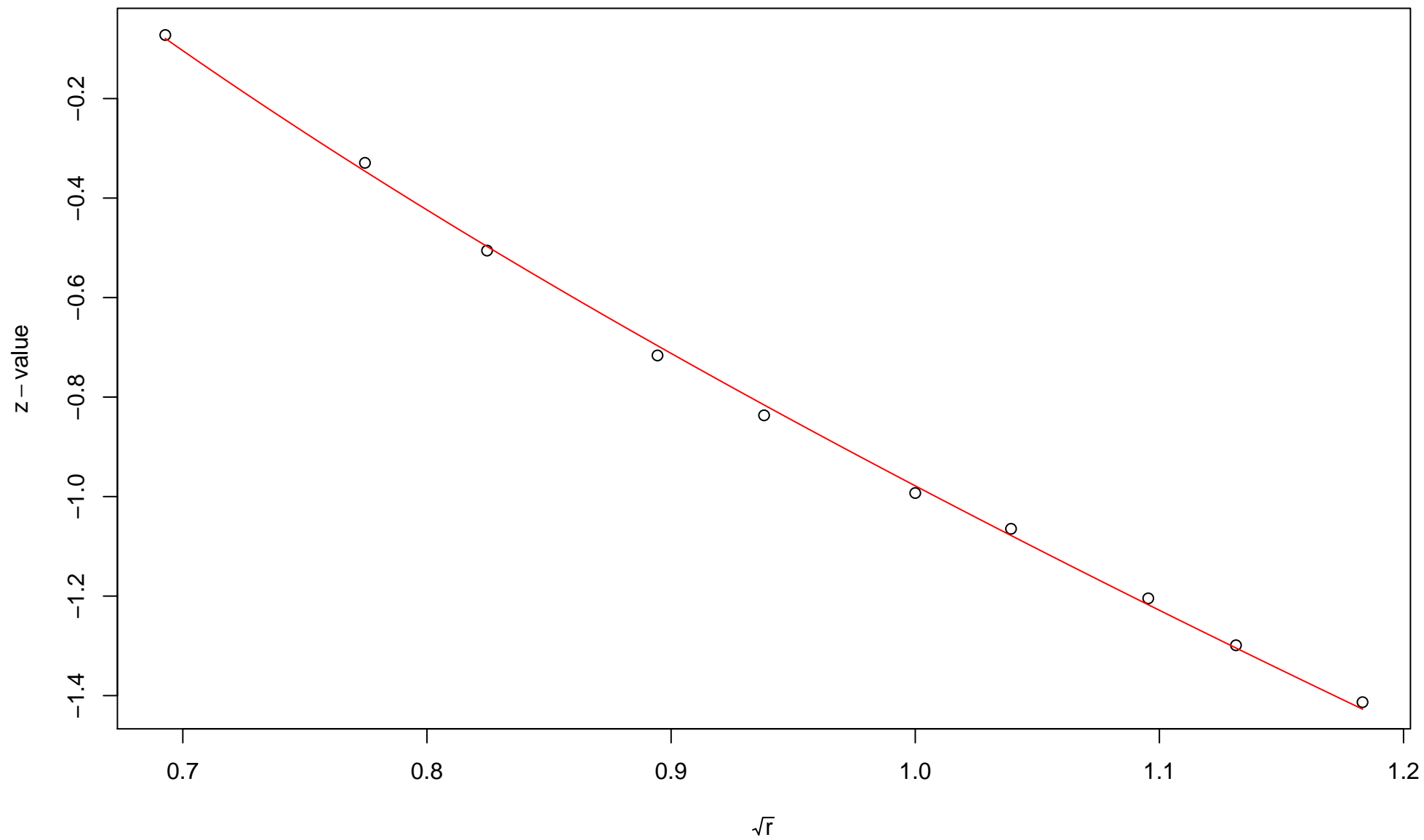


# 11th edge



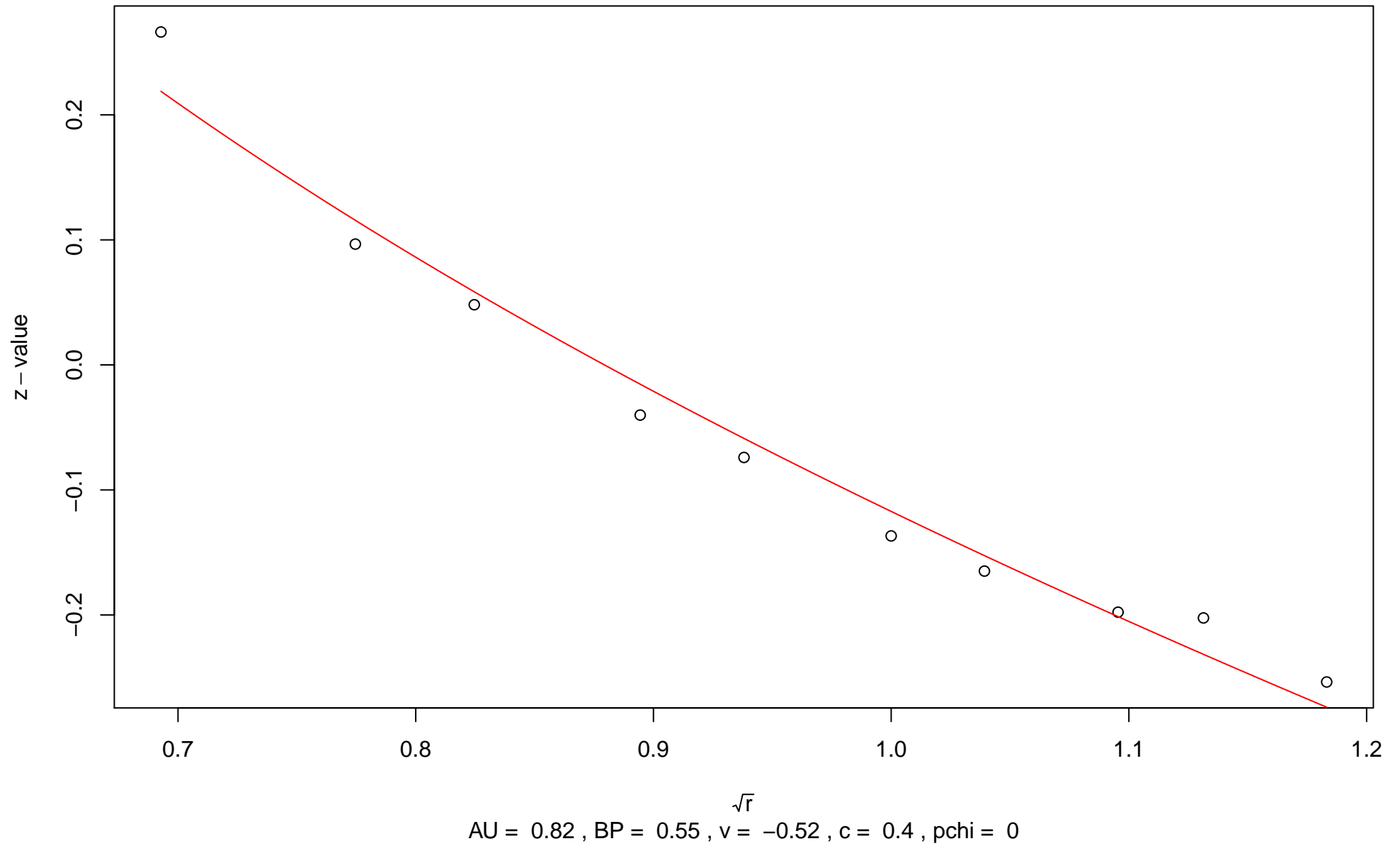
$\sqrt{r}$   
AU = 0.99 , BP = 0.82 ,  $v = -1.72$  ,  $c = 0.8$  ,  $pchi = 0.47$

# 12th edge

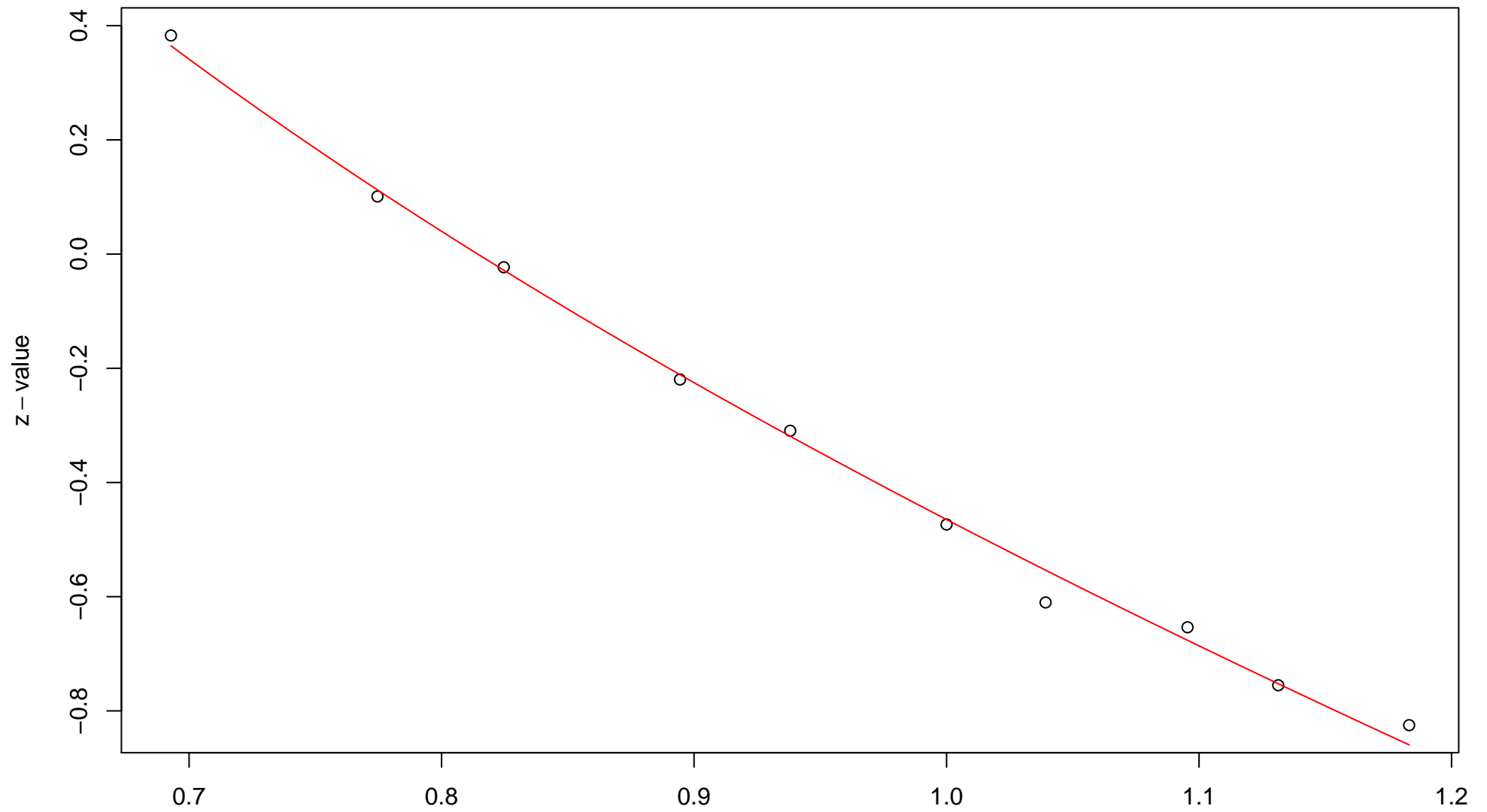


$\sqrt{r}$   
AU = 0.99 , BP = 0.84 ,  $v = -1.78$  , c = 0.8 , pchi = 0.3

### 13th edge

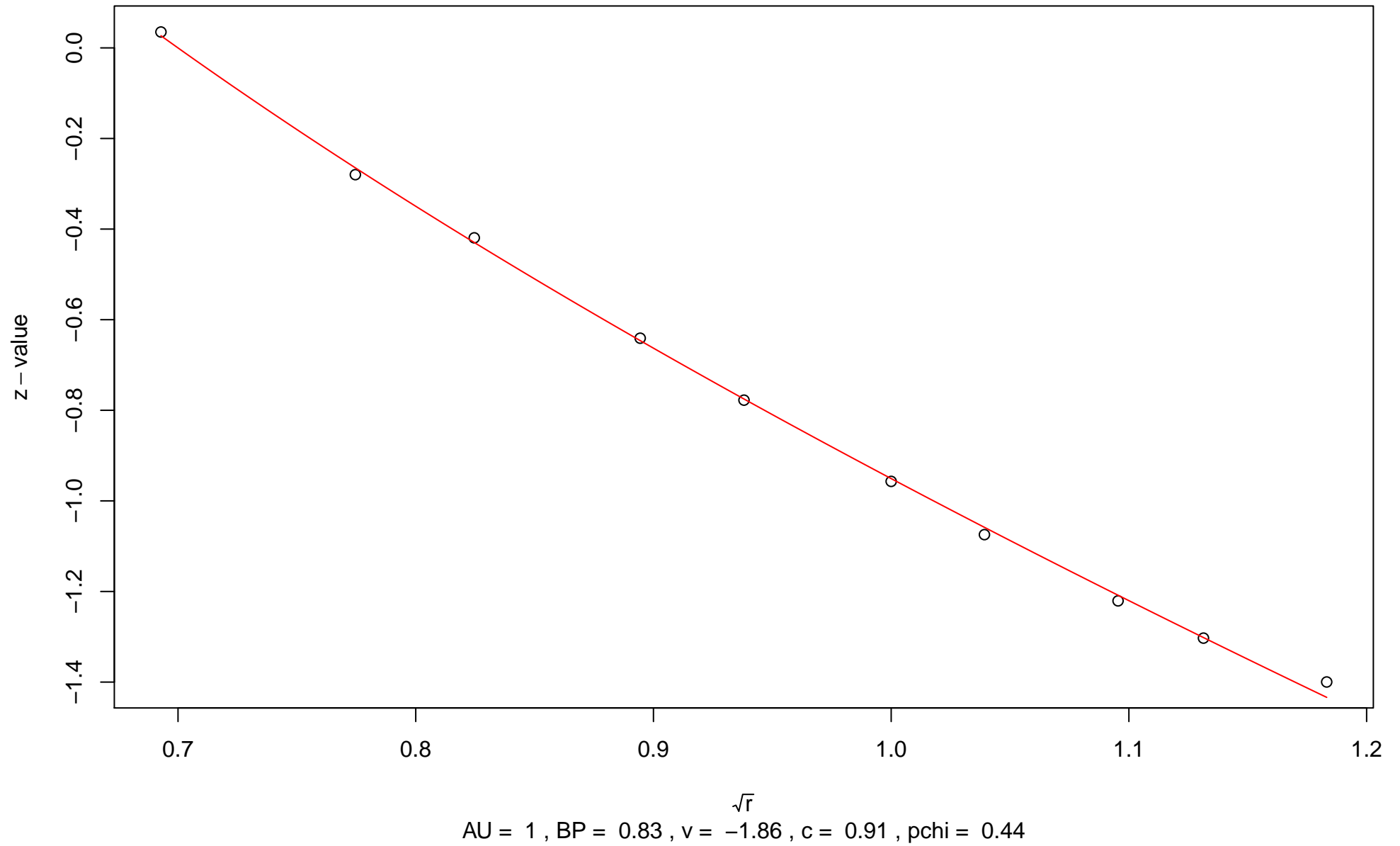


# 14th edge



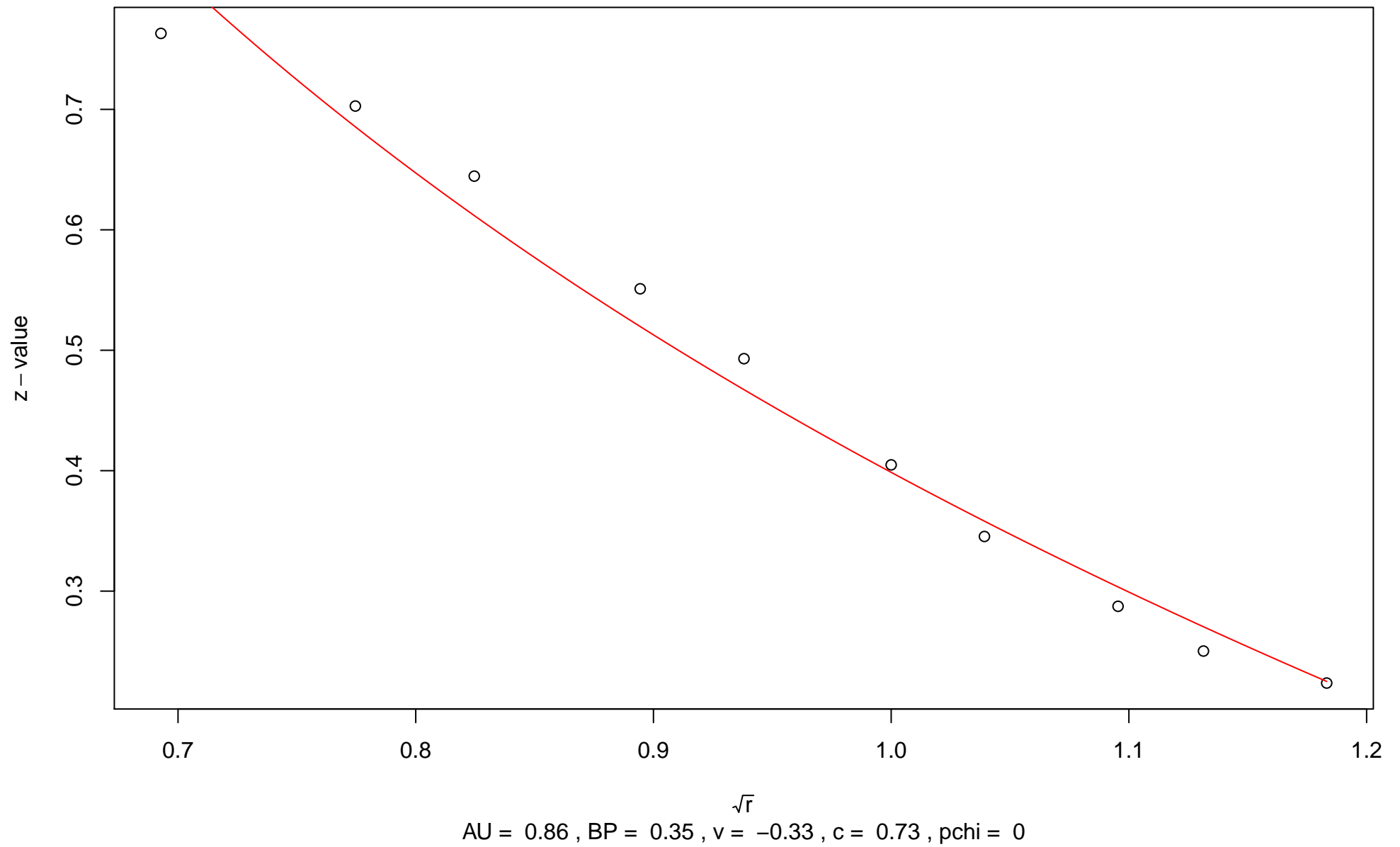
$\sqrt{r}$   
AU = 0.99 , BP = 0.68 , v = -1.38 , c = 0.92 , pchi = 0

### 15th edge

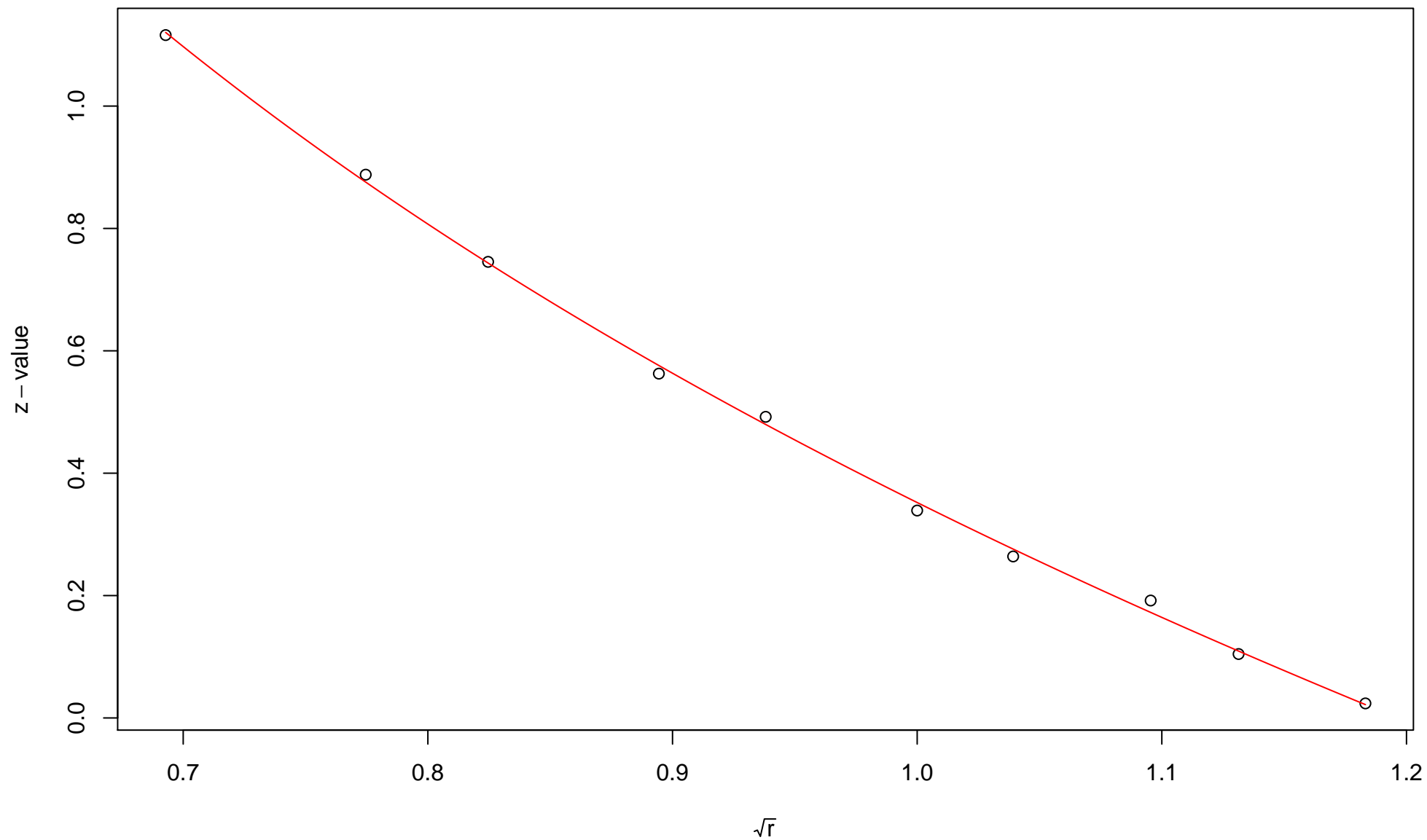




# 16th edge

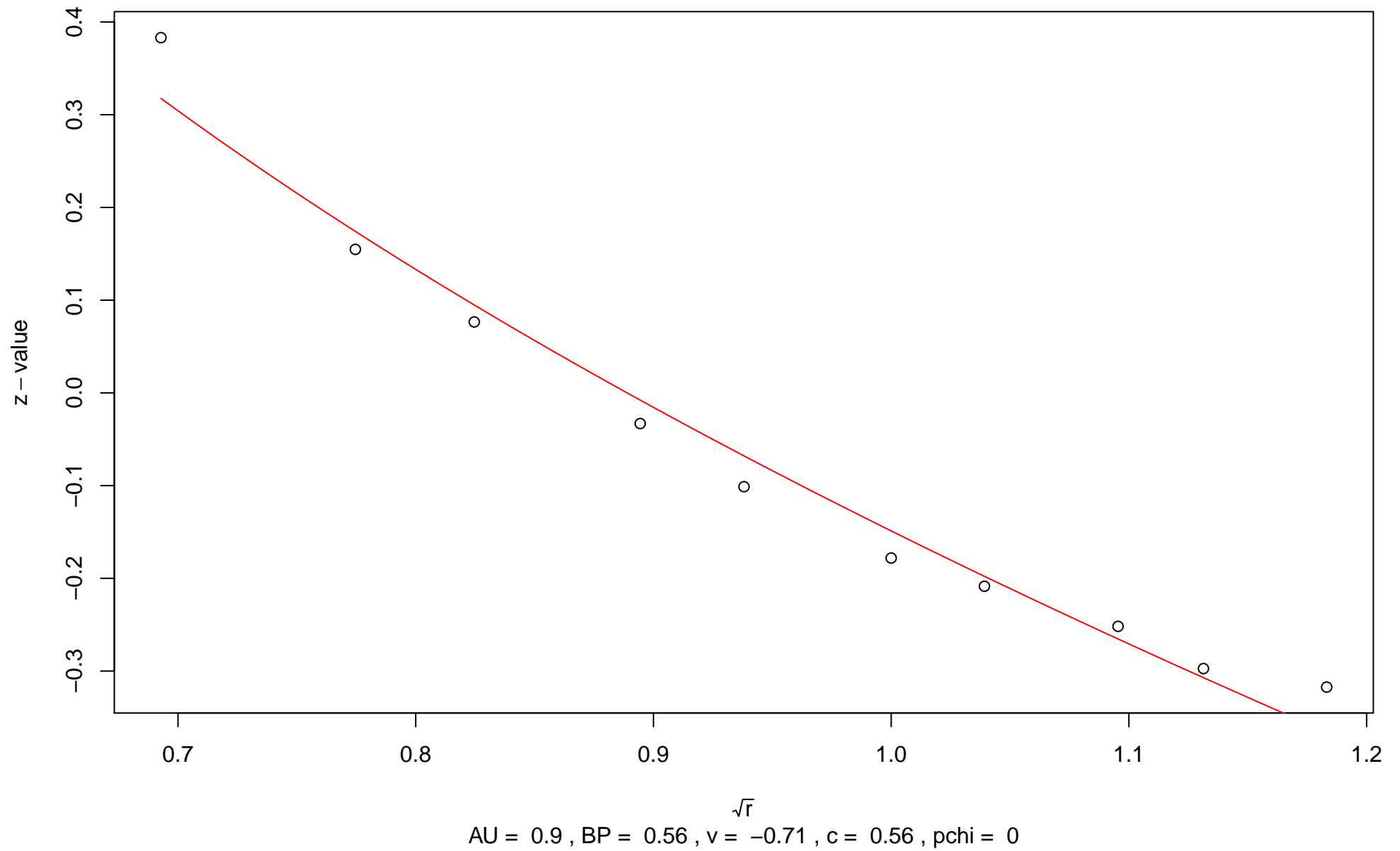


# 17th edge

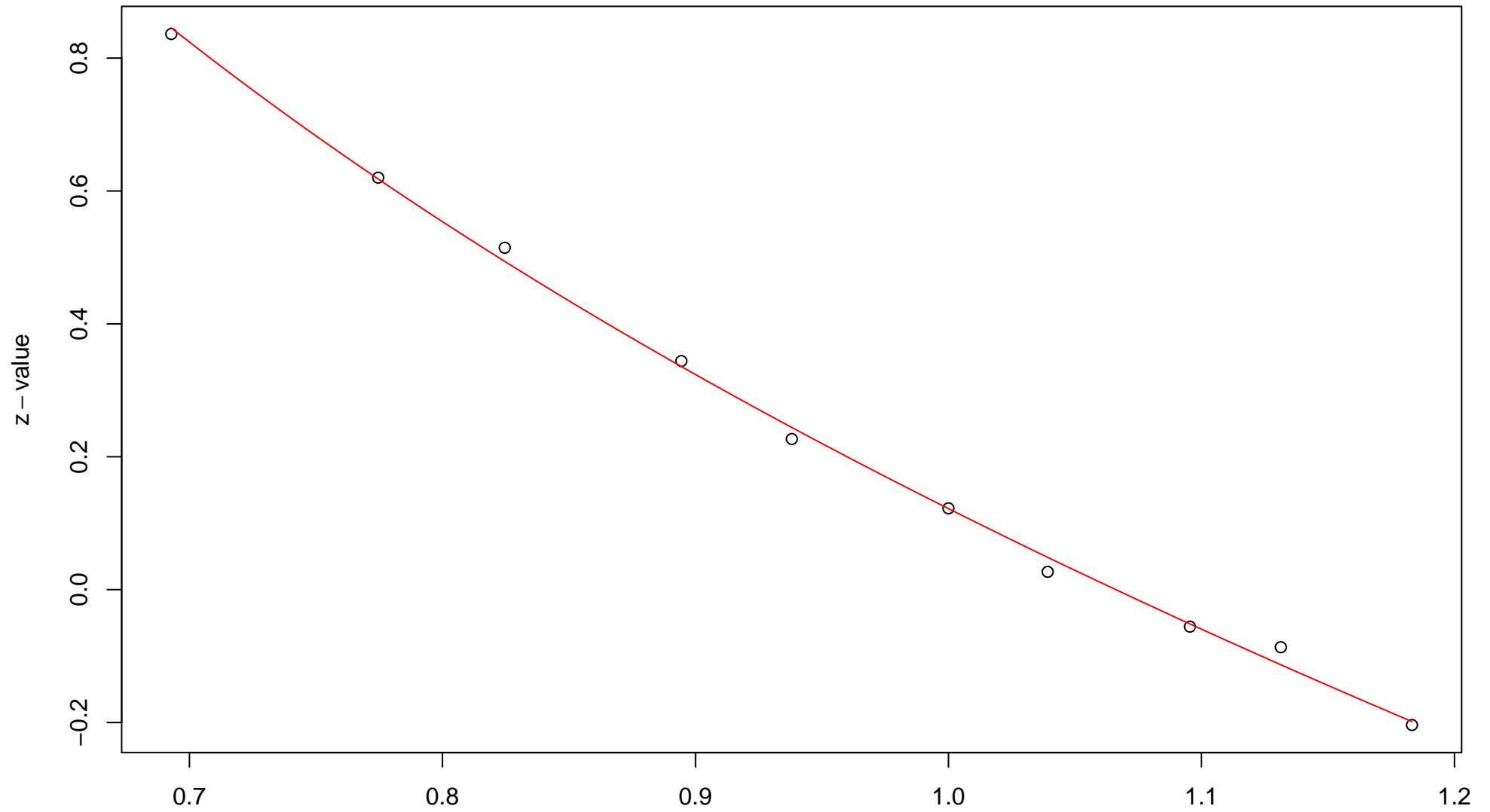


$\sqrt{r}$   
AU = 0.98 , BP = 0.36 ,  $v = -0.82$  ,  $c = 1.17$  , pchi = 0.52

# 18th edge

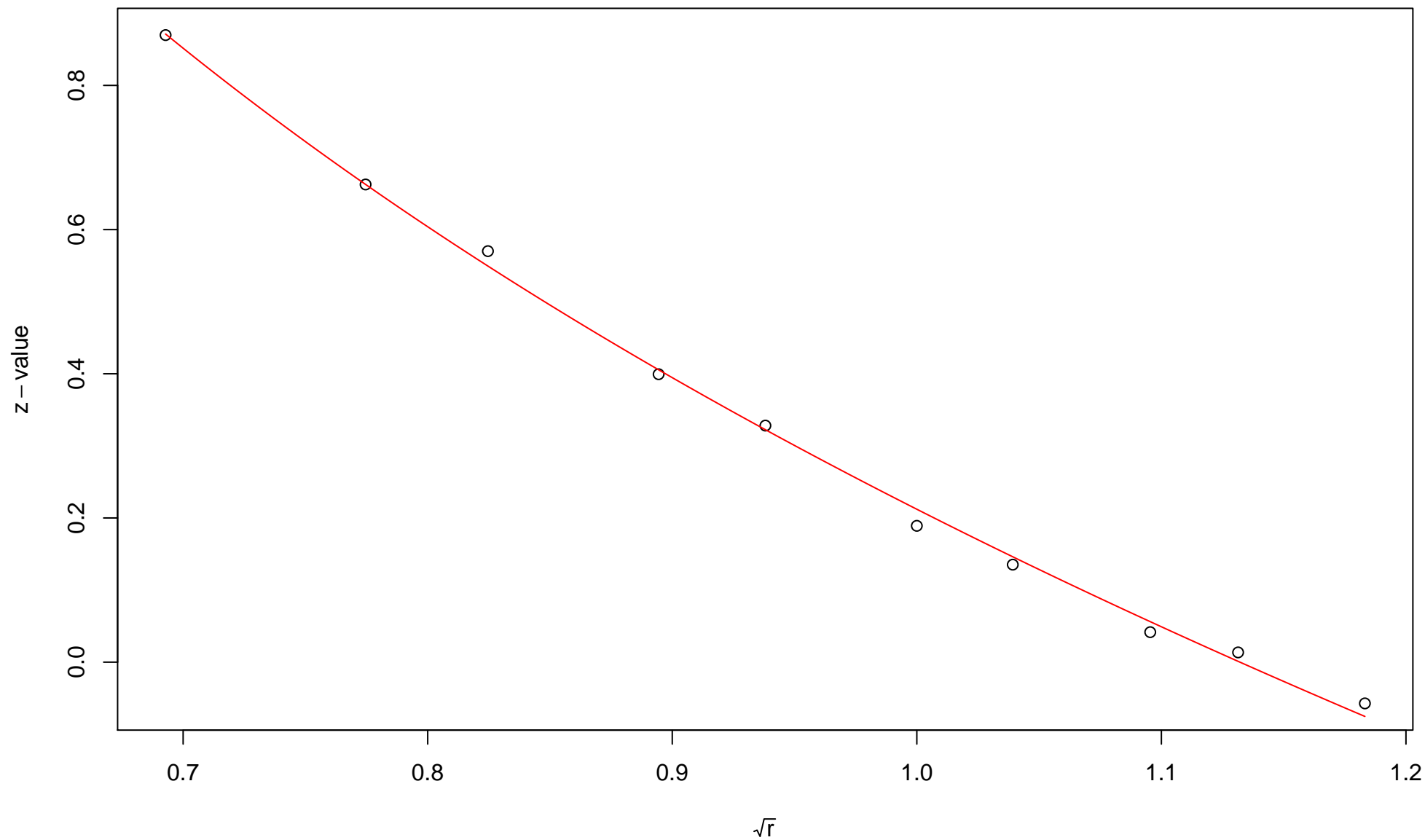


# 19th edge



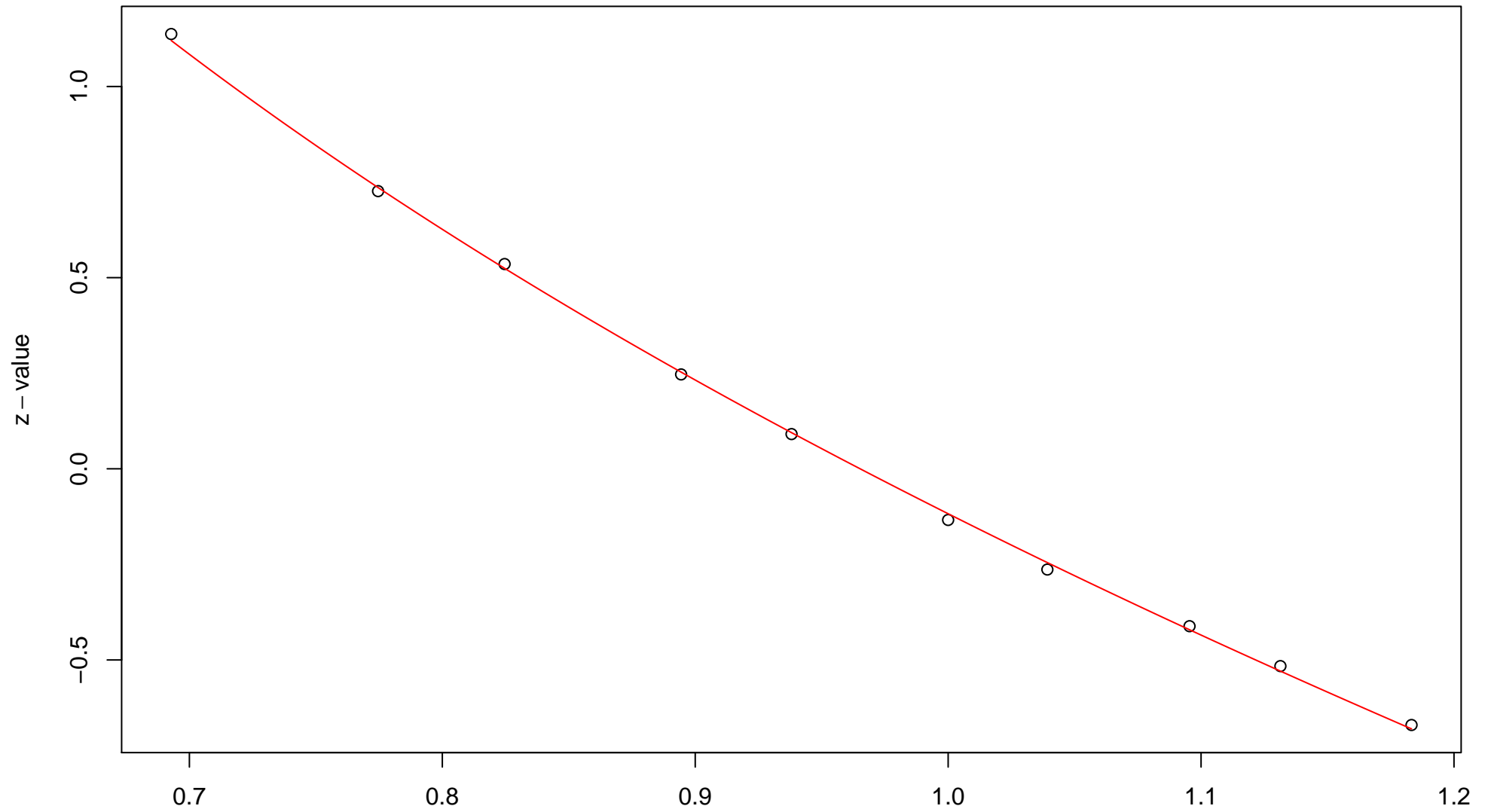
$\sqrt{r}$   
AU = 0.97 , BP = 0.45 ,  $v = -0.89$  ,  $c = 1.01$  ,  $pchi = 0.11$

# 20th edge



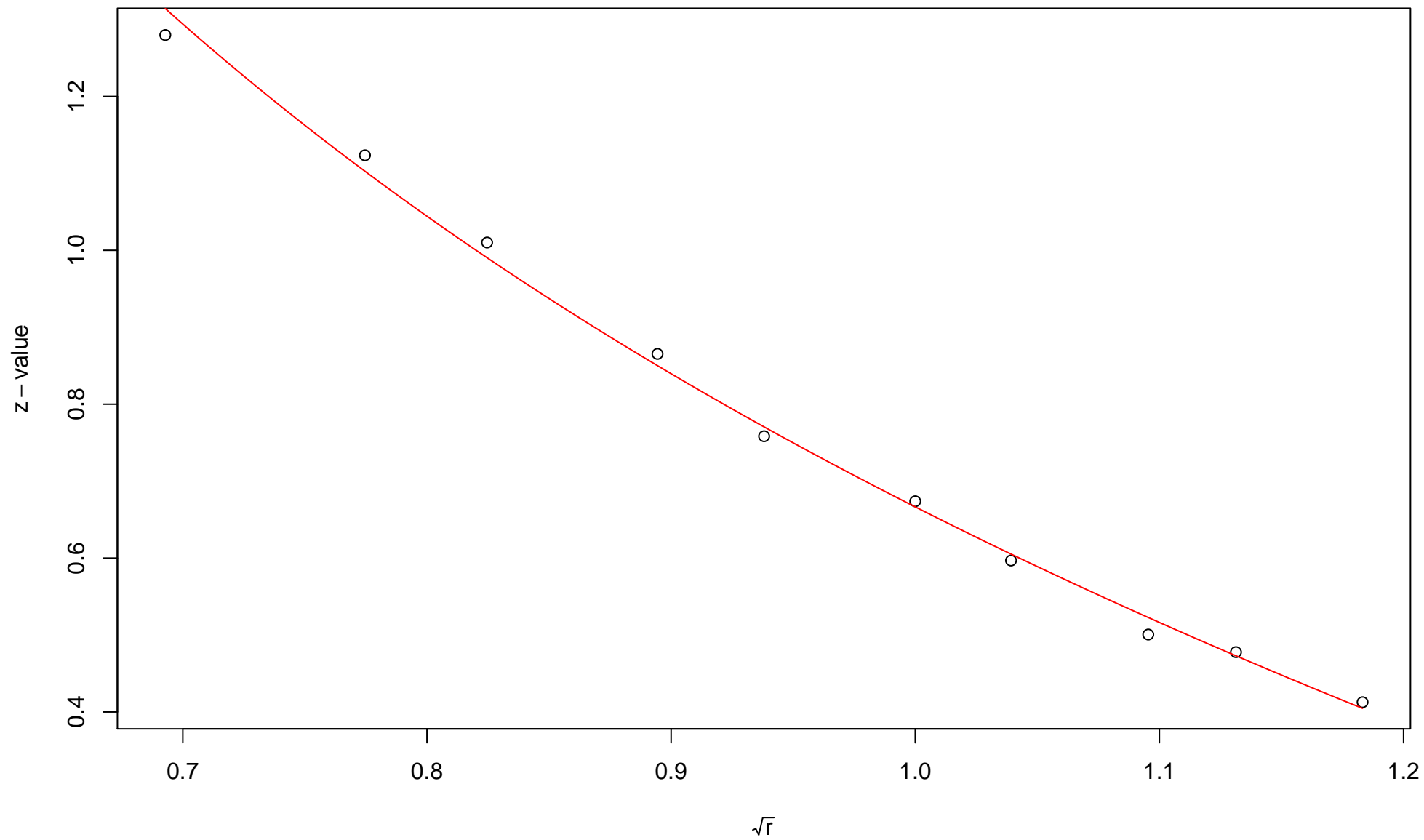
$\sqrt{r}$   
AU = 0.96 , BP = 0.42 ,  $v = -0.75$  , c = 0.97 , pchi = 0.18

## 21st edge



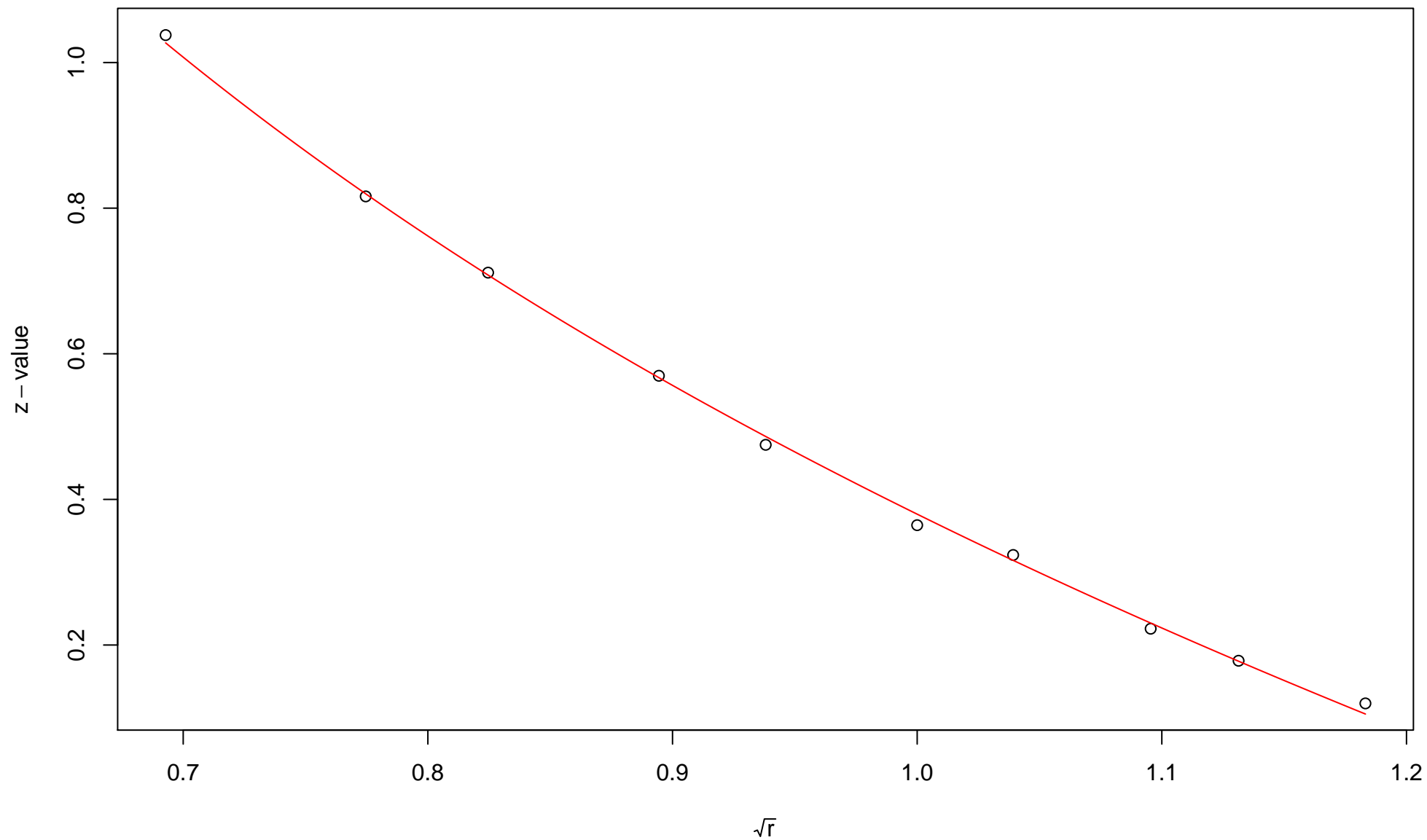
$\sqrt{r}$   
AU = 1 , BP = 0.55 ,  $v = -1.72$  , c = 1.6 , pchi = 0.39

## 22nd edge



$\sqrt{r}$   
AU = 0.95 , BP = 0.25 ,  $v = -0.47$  ,  $c = 1.14$  ,  $pchi = 0.1$

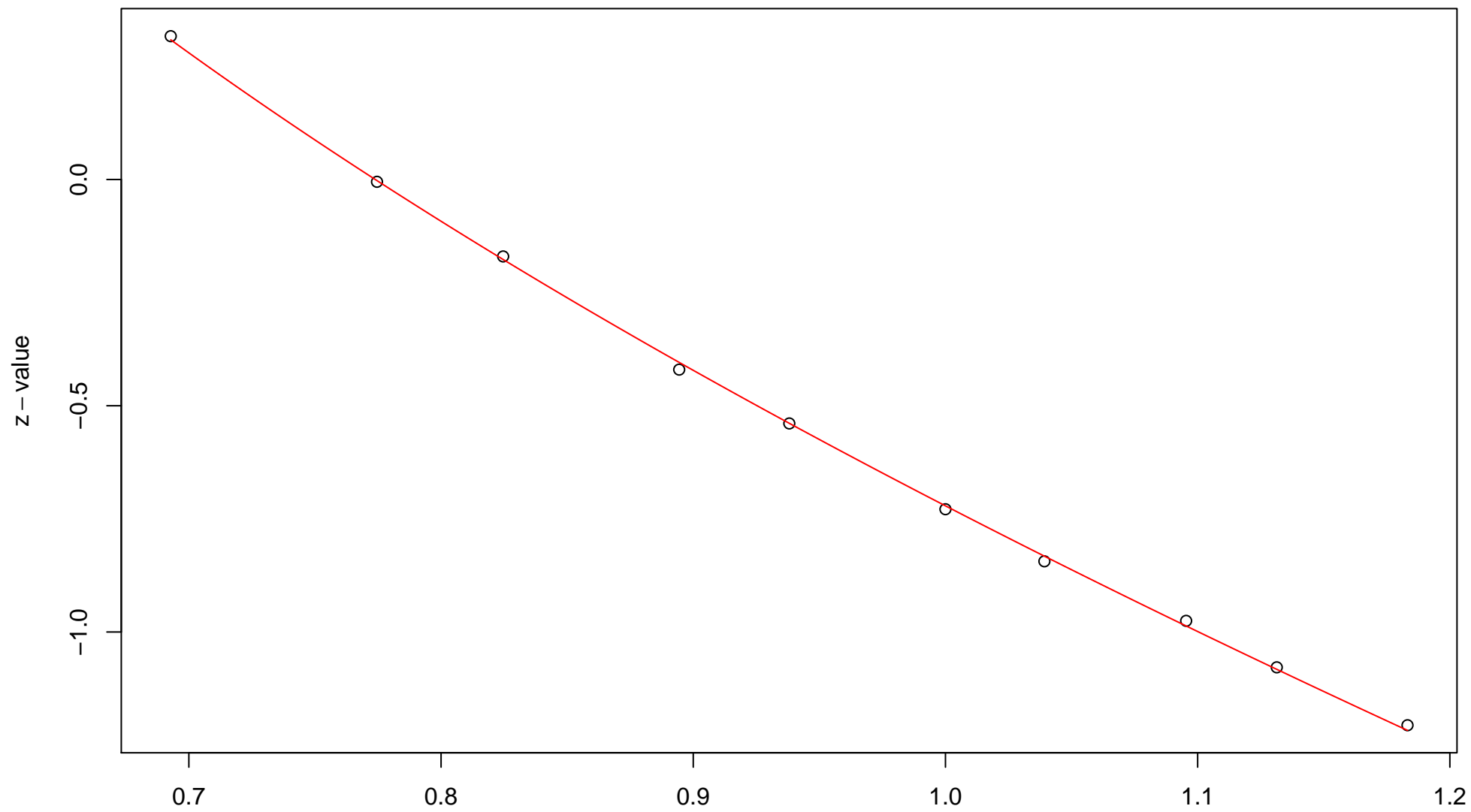
### 23rd edge



$\sqrt{r}$   
AU = 0.95 , BP = 0.35 ,  $v = -0.64$  ,  $c = 1.02$  ,  $pchi = 0.77$

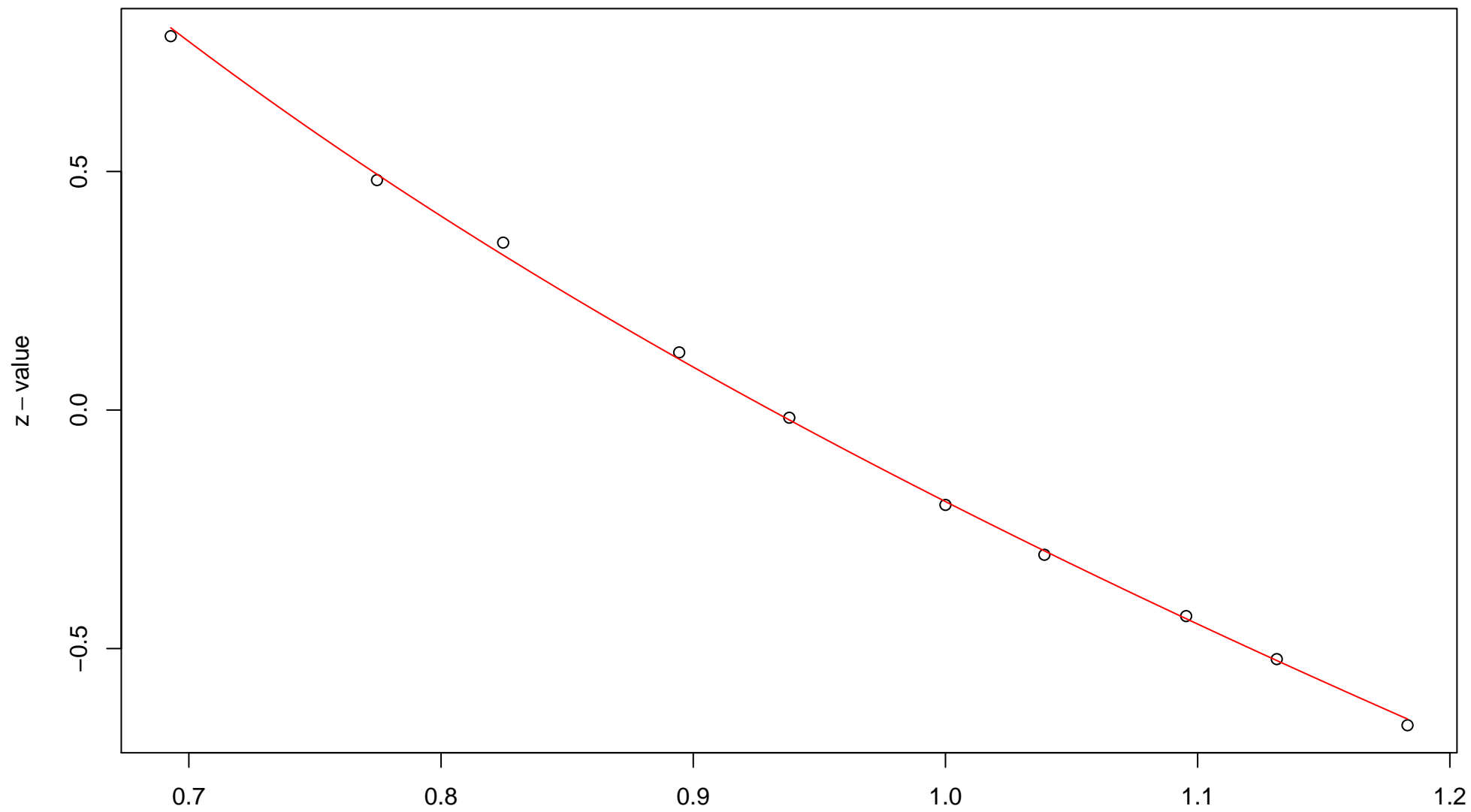


### 24th edge



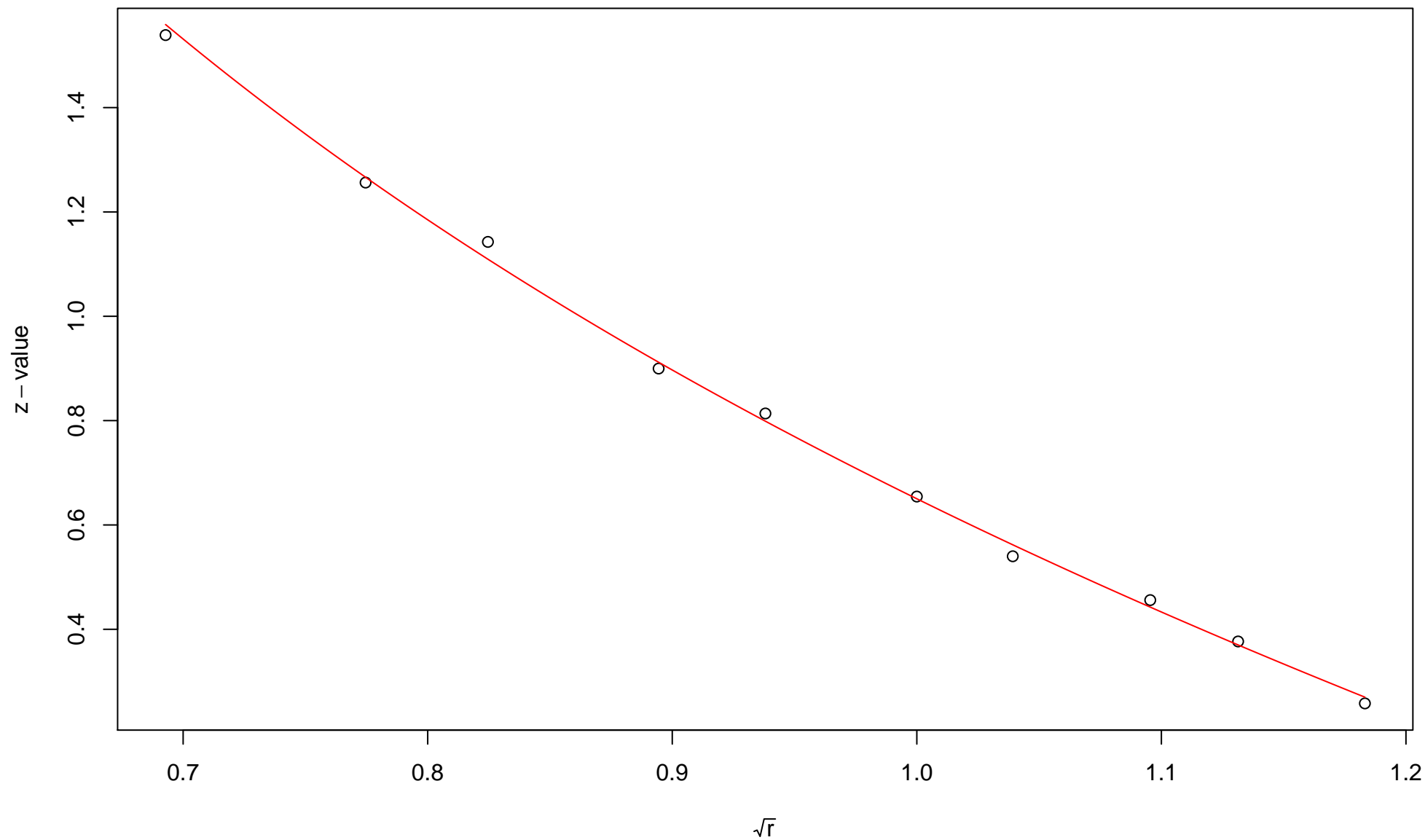
$\sqrt{r}$   
AU = 1 , BP = 0.76 ,  $v = -1.8$  ,  $c = 1.08$  ,  $pchi = 0.83$

### 25th edge



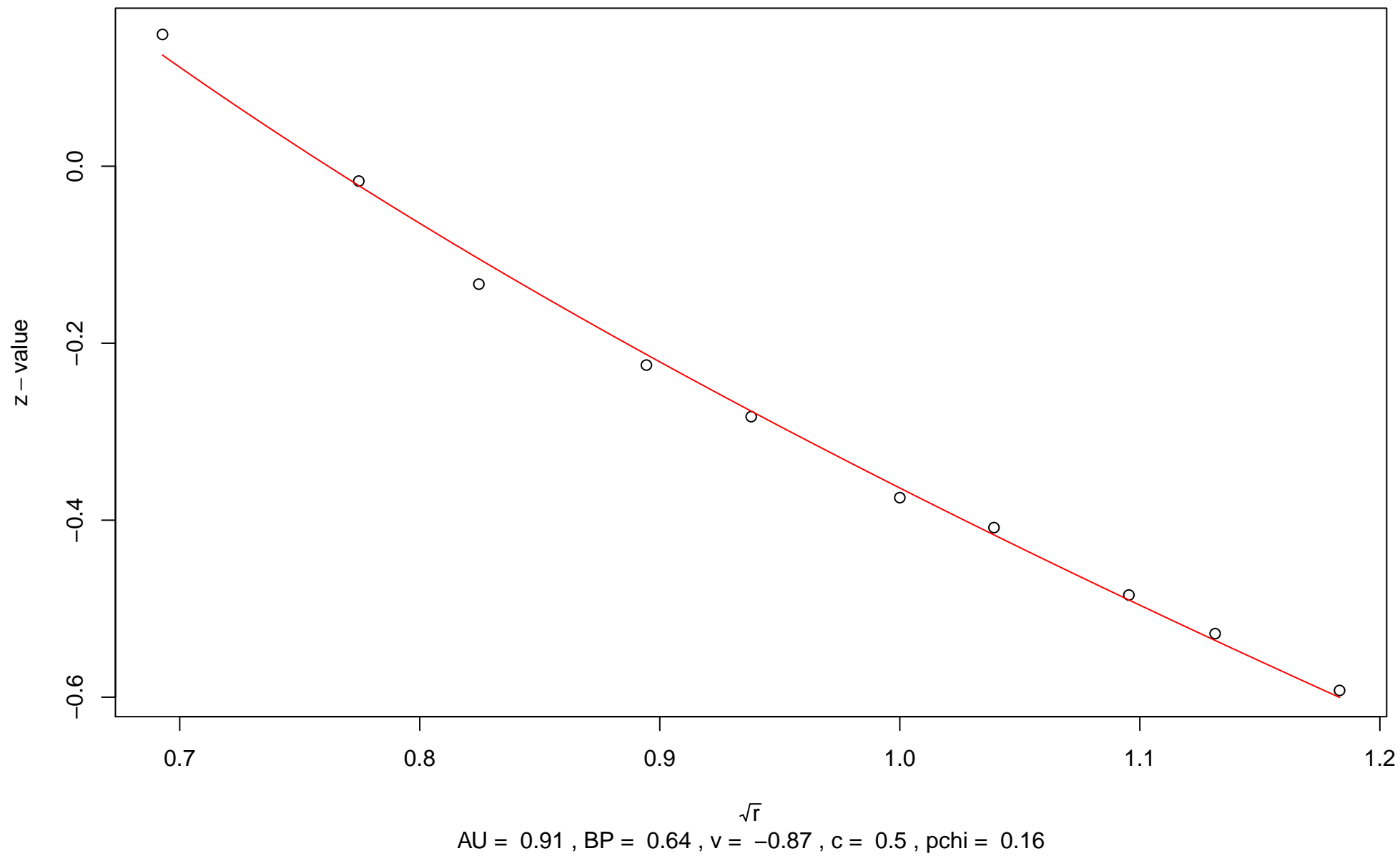
$\sqrt{r}$   
AU = 1 , BP = 0.58 ,  $v = -1.44$  , c = 1.24 , pchi = 0.28

## 26th edge

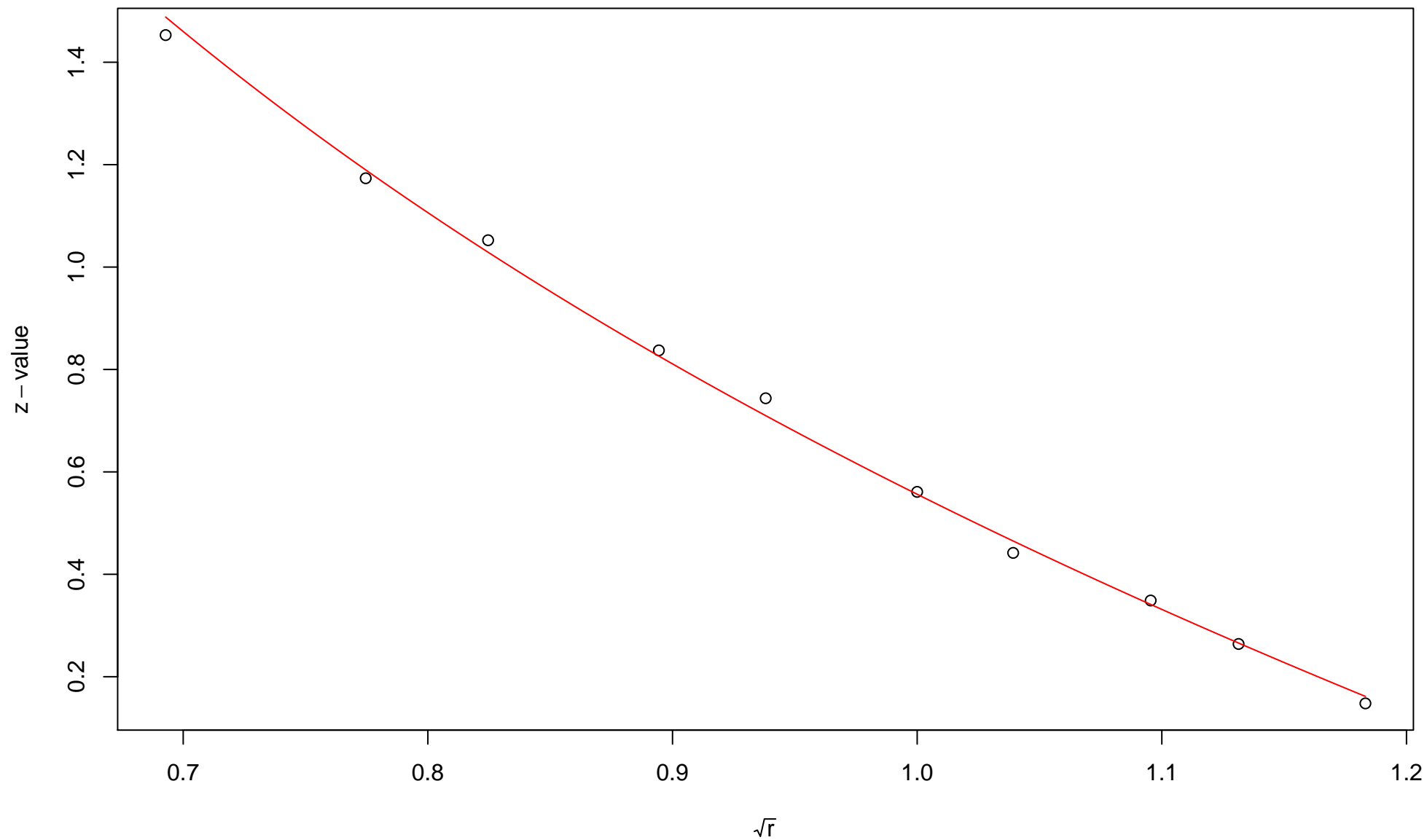


$\sqrt{r}$   
AU = 0.99 , BP = 0.26 ,  $v = -0.83$  ,  $c = 1.48$  , pchi = 0.13

### 27th edge

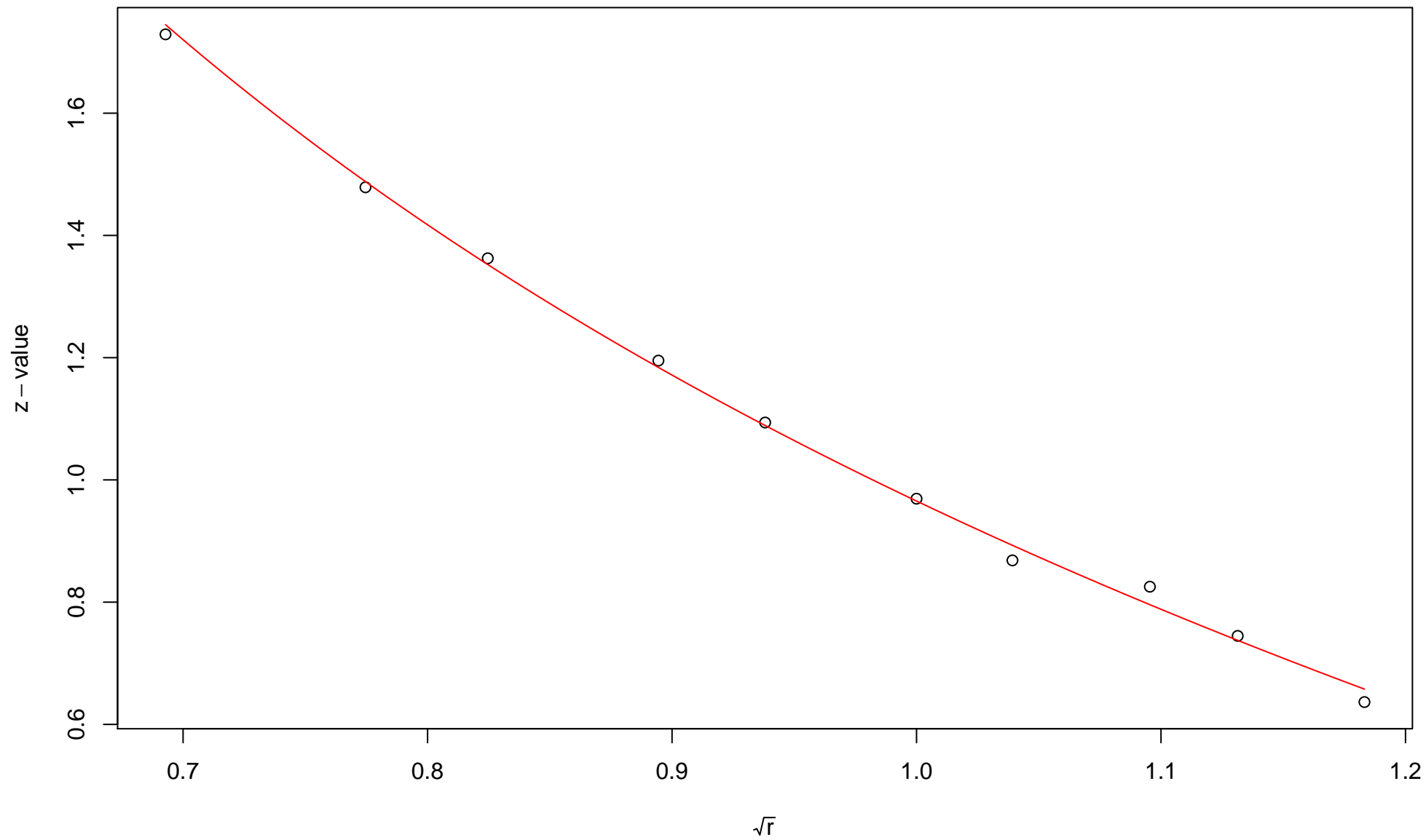


### 28th edge



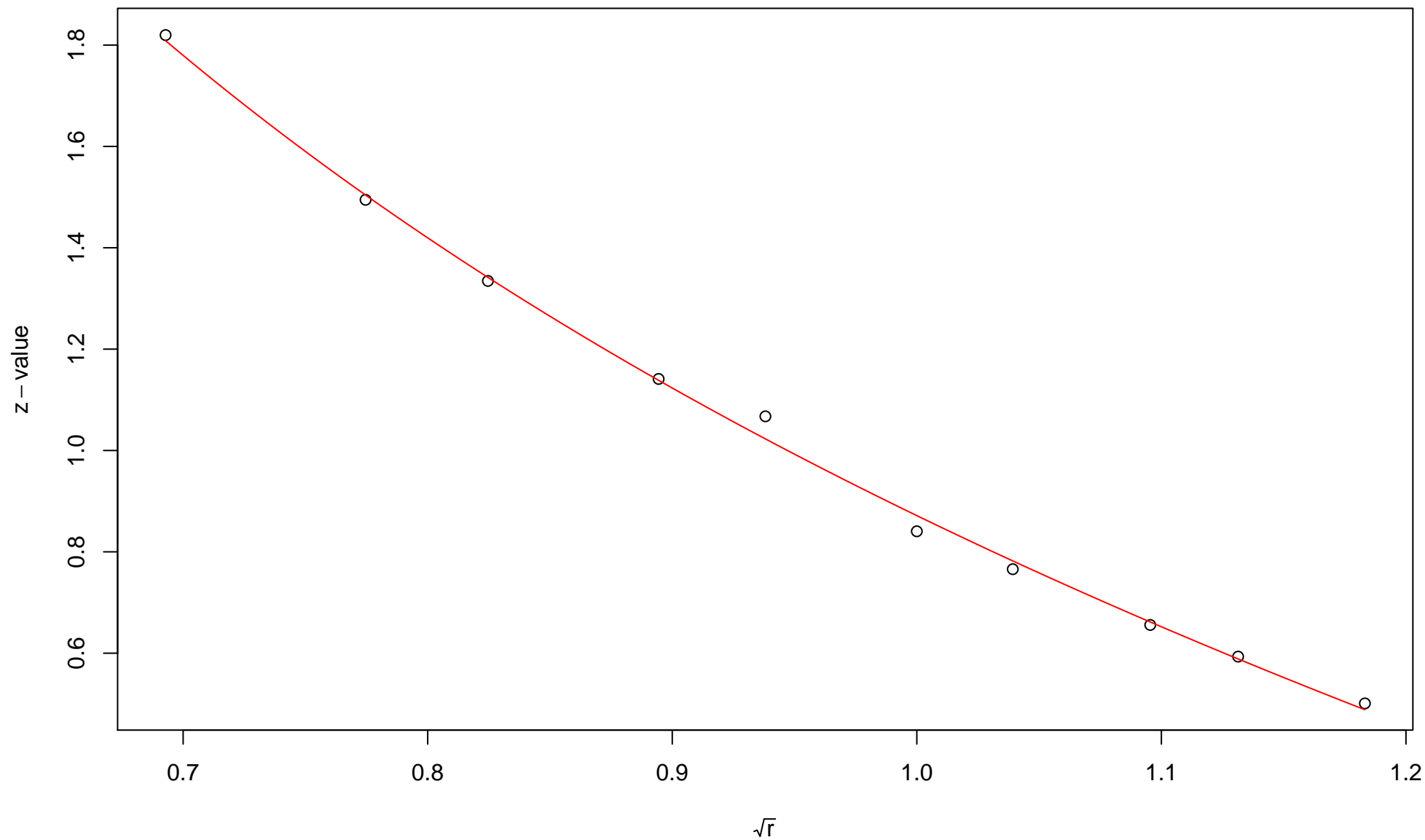
$\sqrt{r}$   
AU = 0.99 , BP = 0.29 ,  $v = -0.91$  ,  $c = 1.47$  , pchi = 0.02

### 29th edge



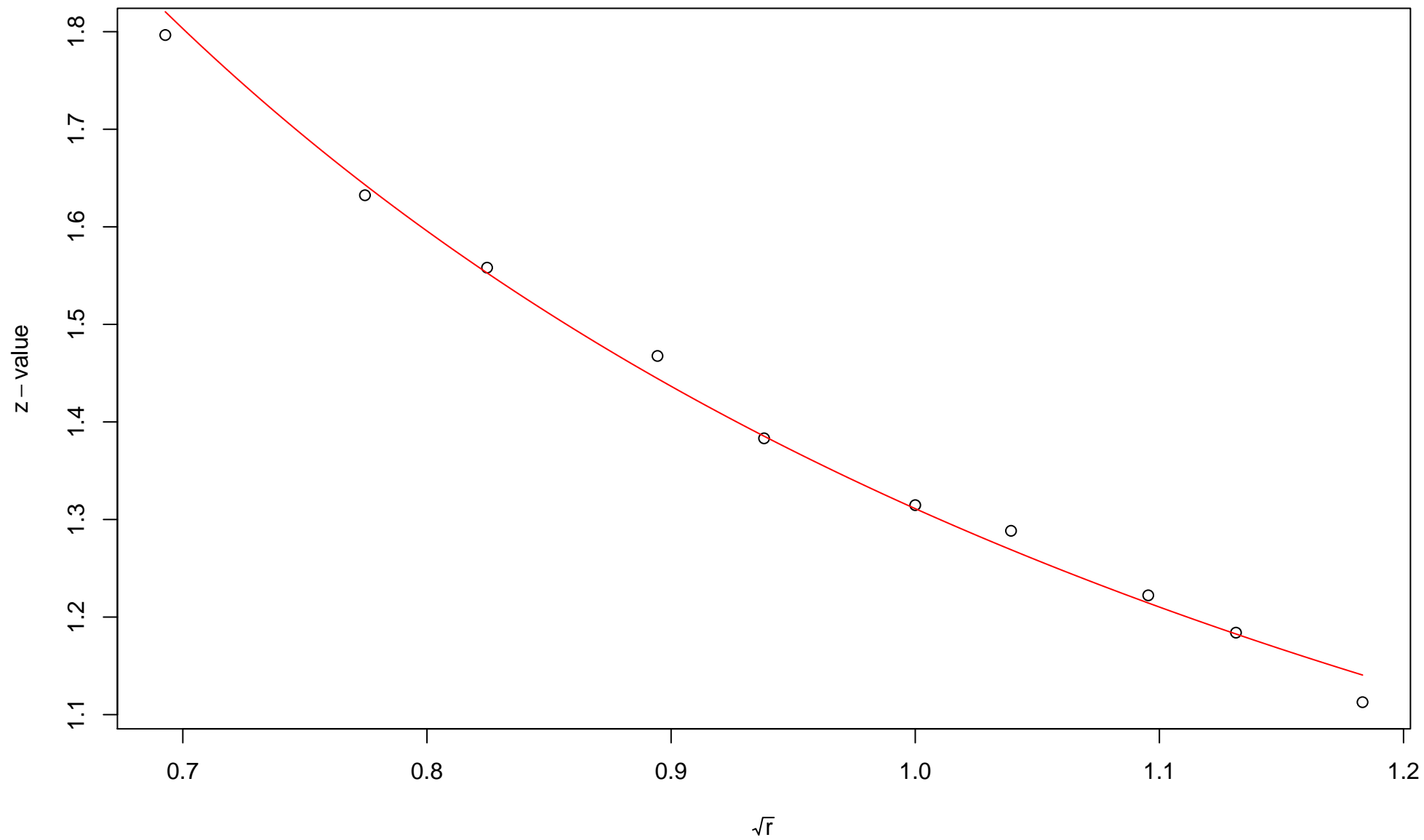
$\sqrt{r}$   
AU = 0.97 , BP = 0.17 ,  $v = -0.47$  ,  $c = 1.43$  , pchi = 0.17

### 30th edge



$\sqrt{r}$   
AU = 0.99 , BP = 0.19 ,  $v = -0.73$  ,  $c = 1.61$  ,  $pchi = 0.04$

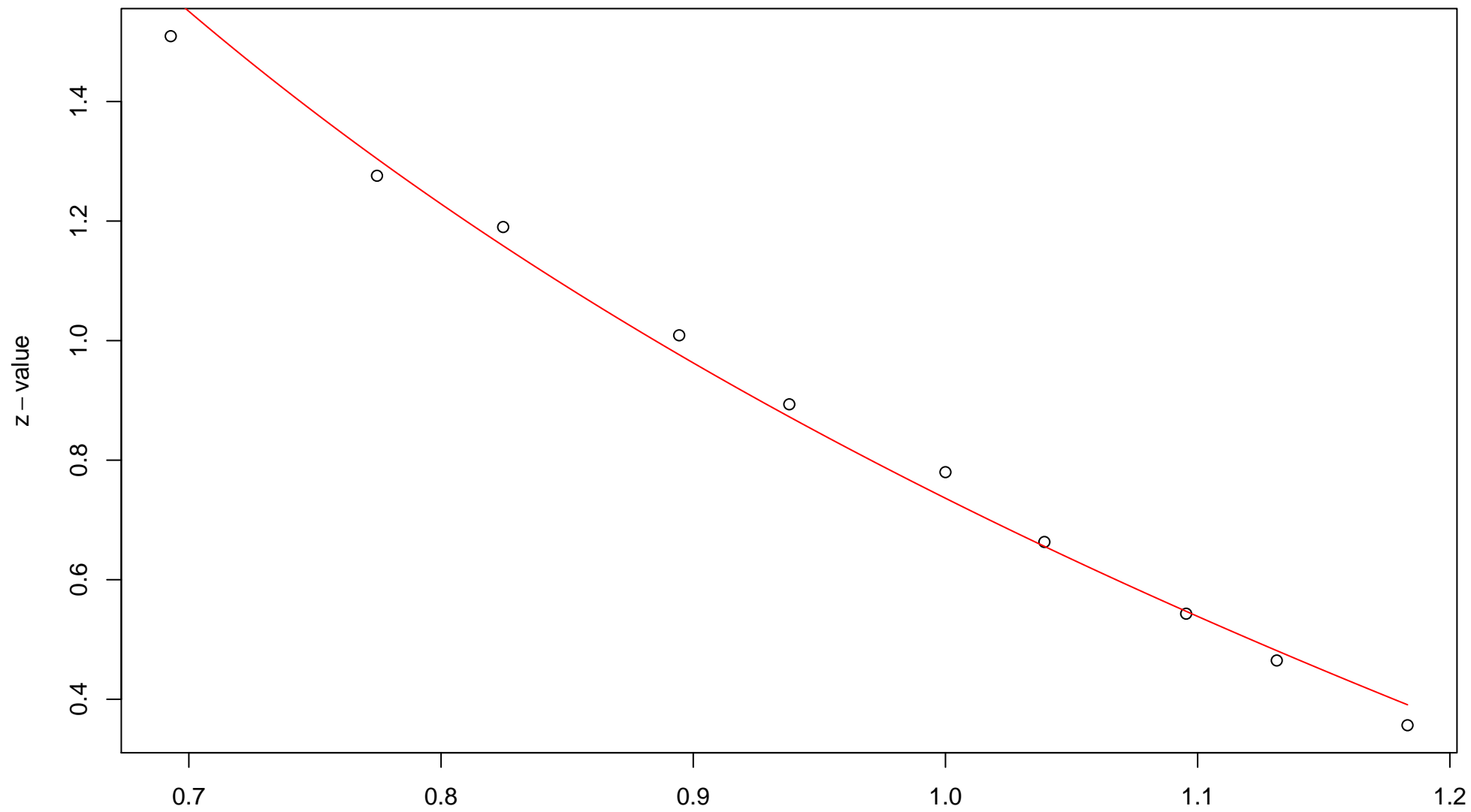
### 31st edge



$\sqrt{r}$   
AU = 0.87 , BP = 0.09 ,  $v = 0.1$  ,  $c = 1.22$  ,  $pchi = 0.48$

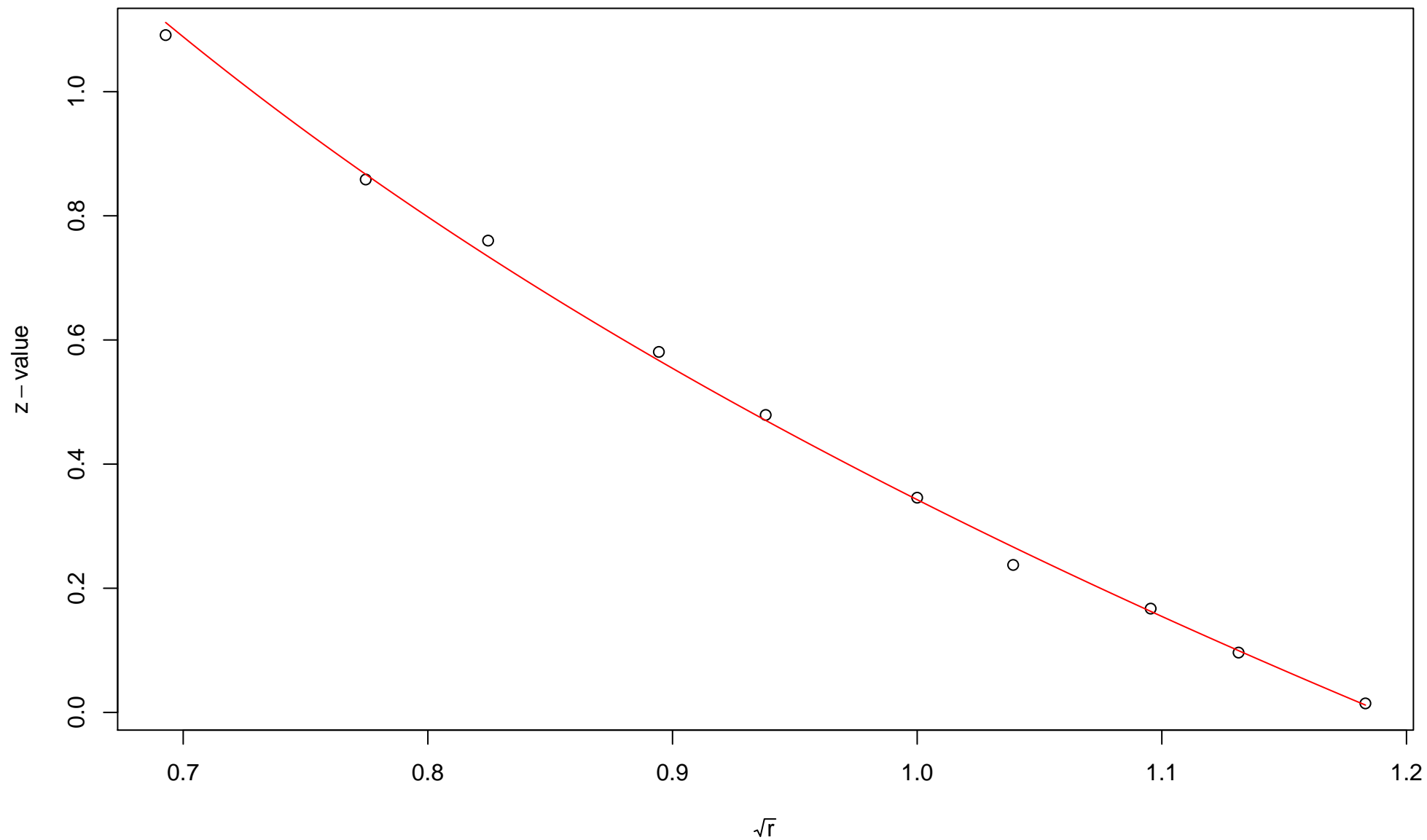


### 32nd edge



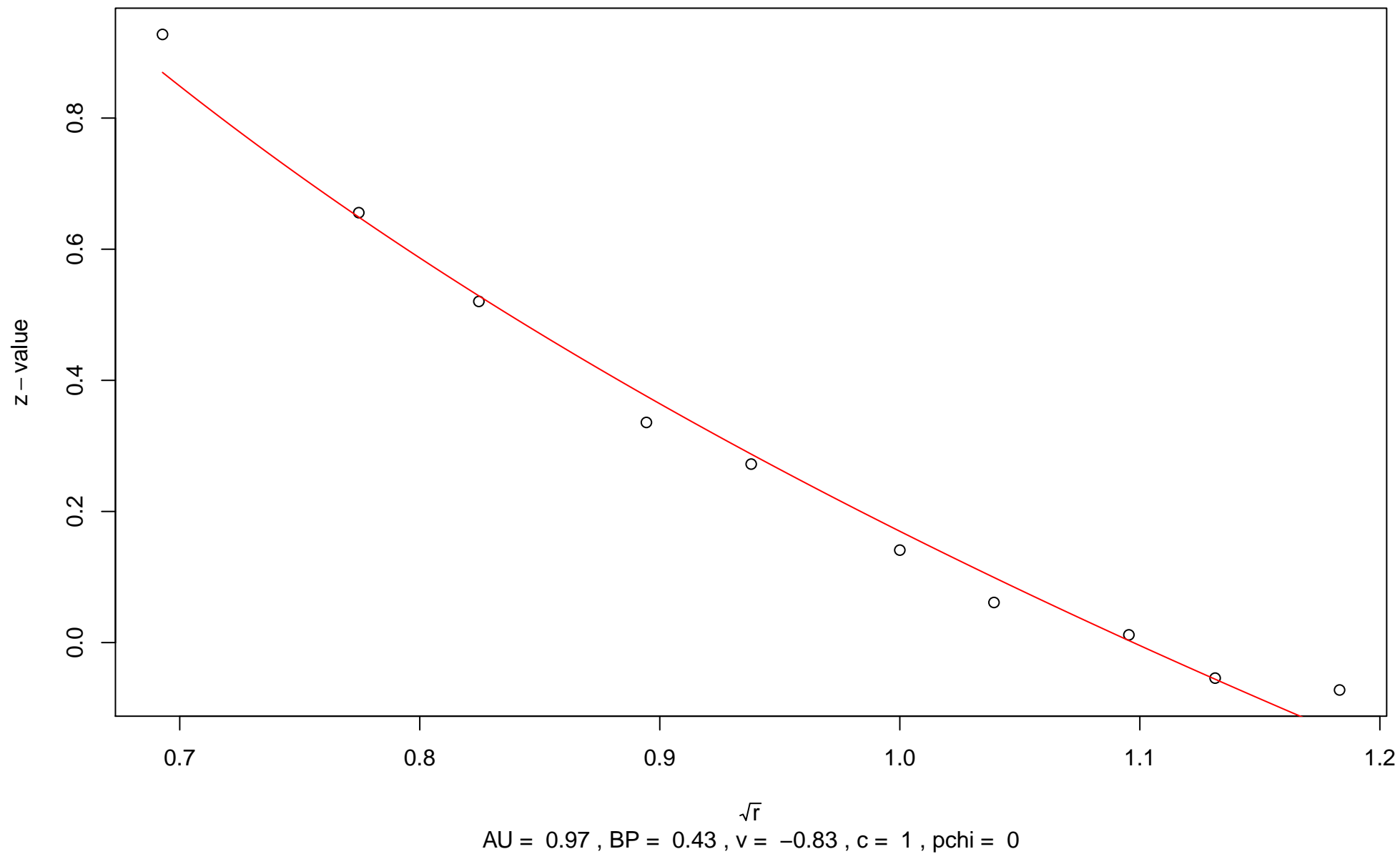
$\sqrt{r}$   
AU = 0.98 , BP = 0.23 , v = -0.68 , c = 1.42 , pchi = 0

### 33rd edge

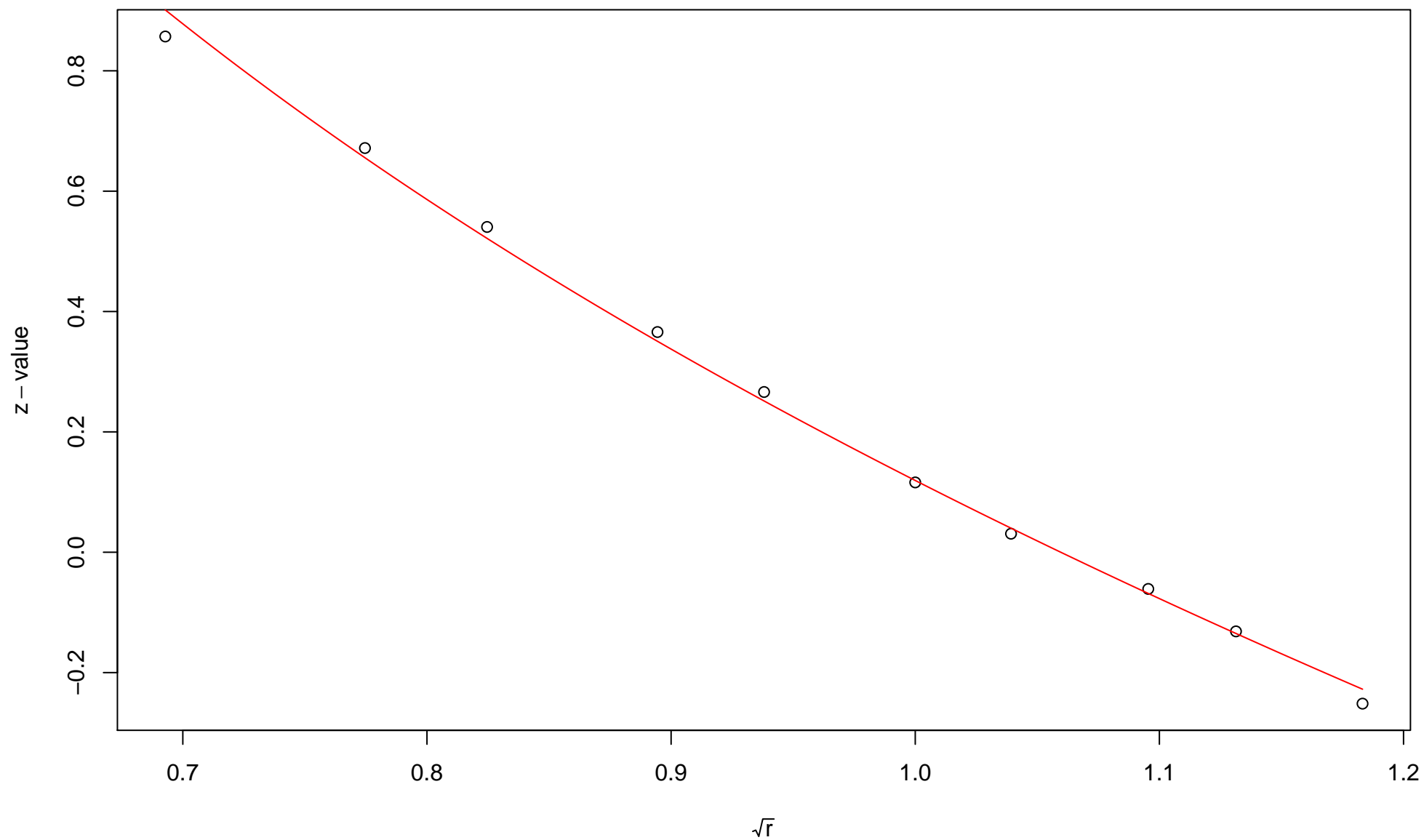


$\sqrt{r}$   
AU = 0.98 , BP = 0.37 ,  $v = -0.82$  ,  $c = 1.16$  ,  $pchi = 0.13$

### 34th edge

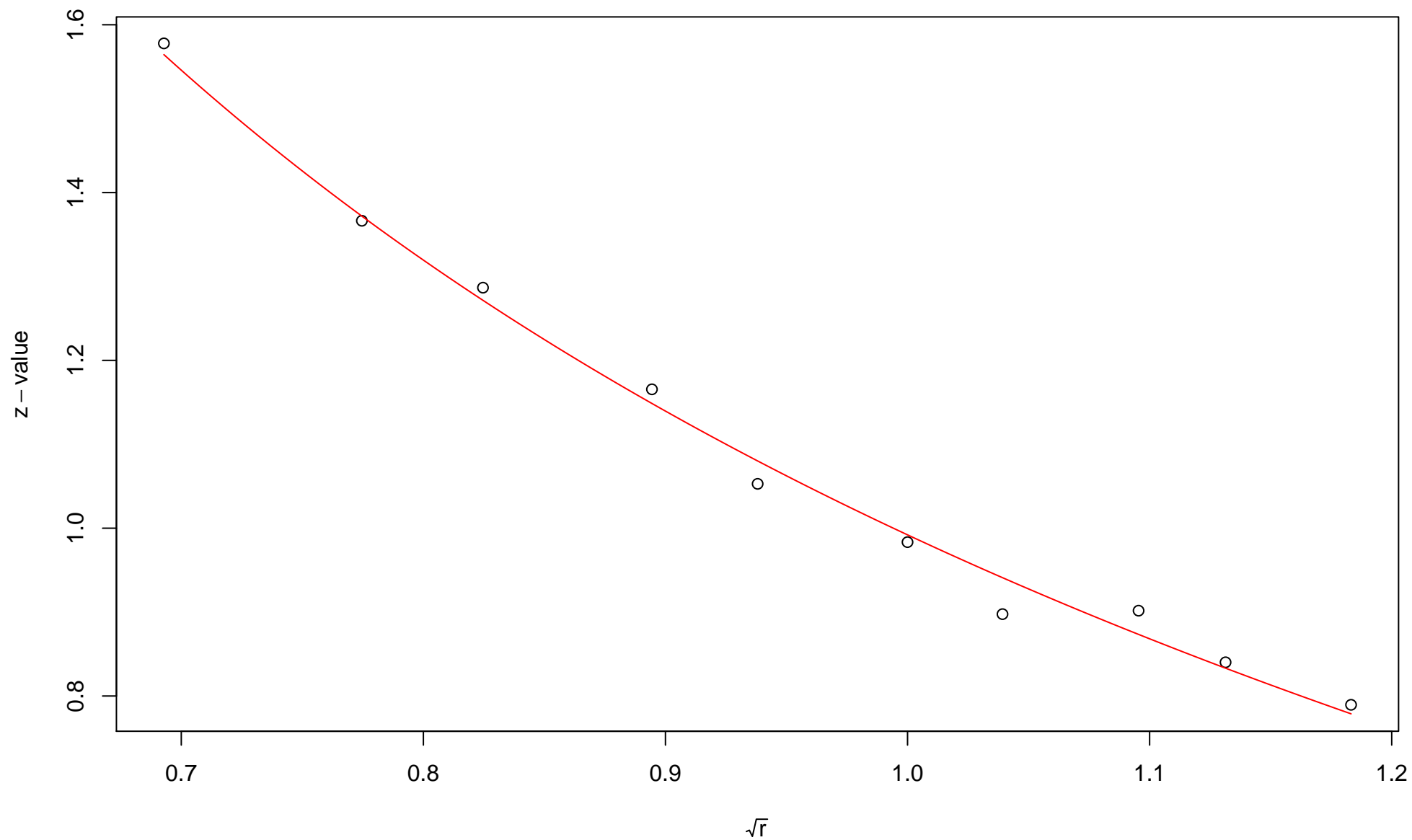


### 35th edge



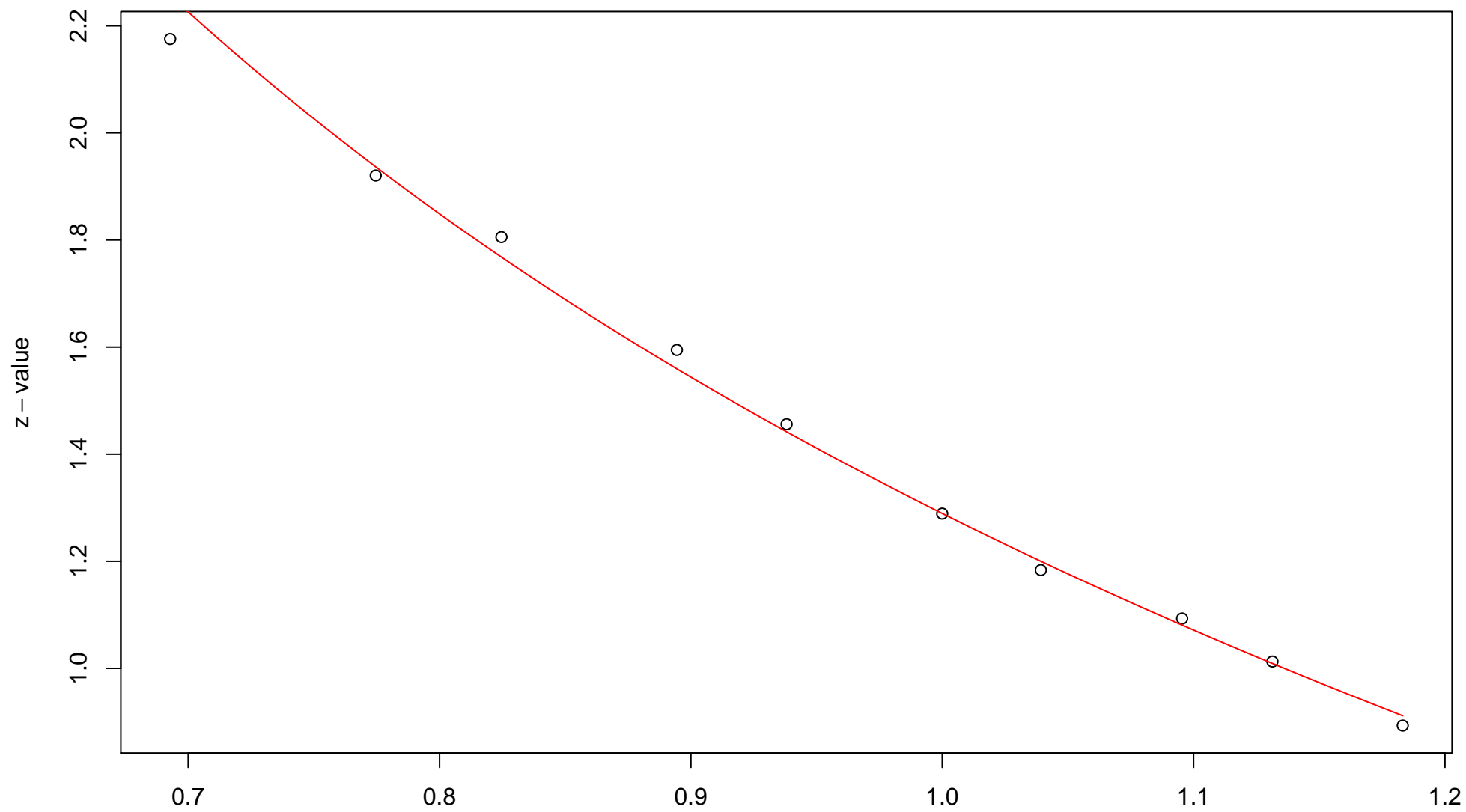
$\sqrt{r}$   
AU = 0.98 , BP = 0.45 ,  $v = -0.97$  ,  $c = 1.09$  , pchi = 0.01

### 36th edge



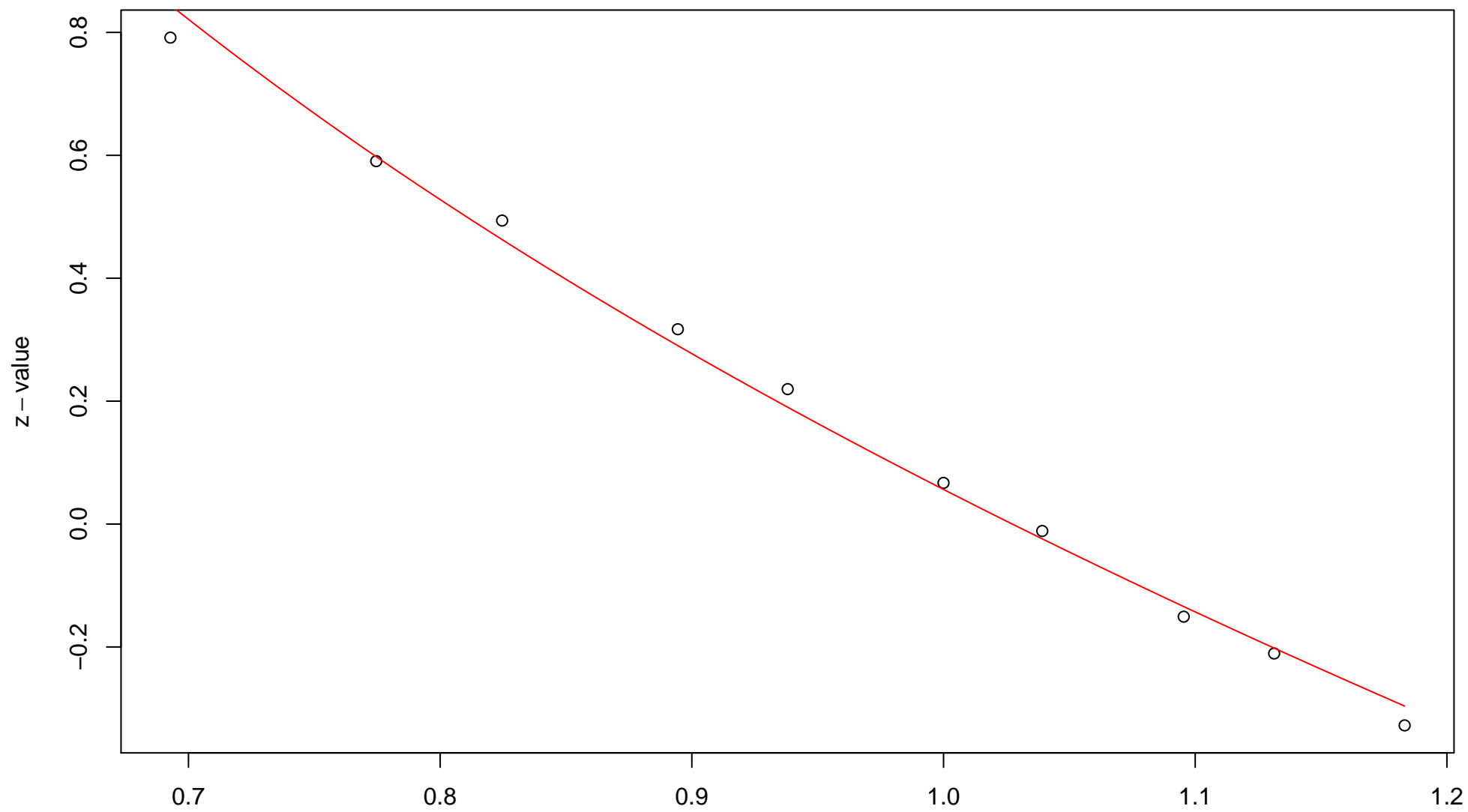
$\sqrt{r}$   
AU = 0.91 , BP = 0.16 ,  $v = -0.18$  ,  $c = 1.17$  ,  $pchi = 0.01$

### 37th edge



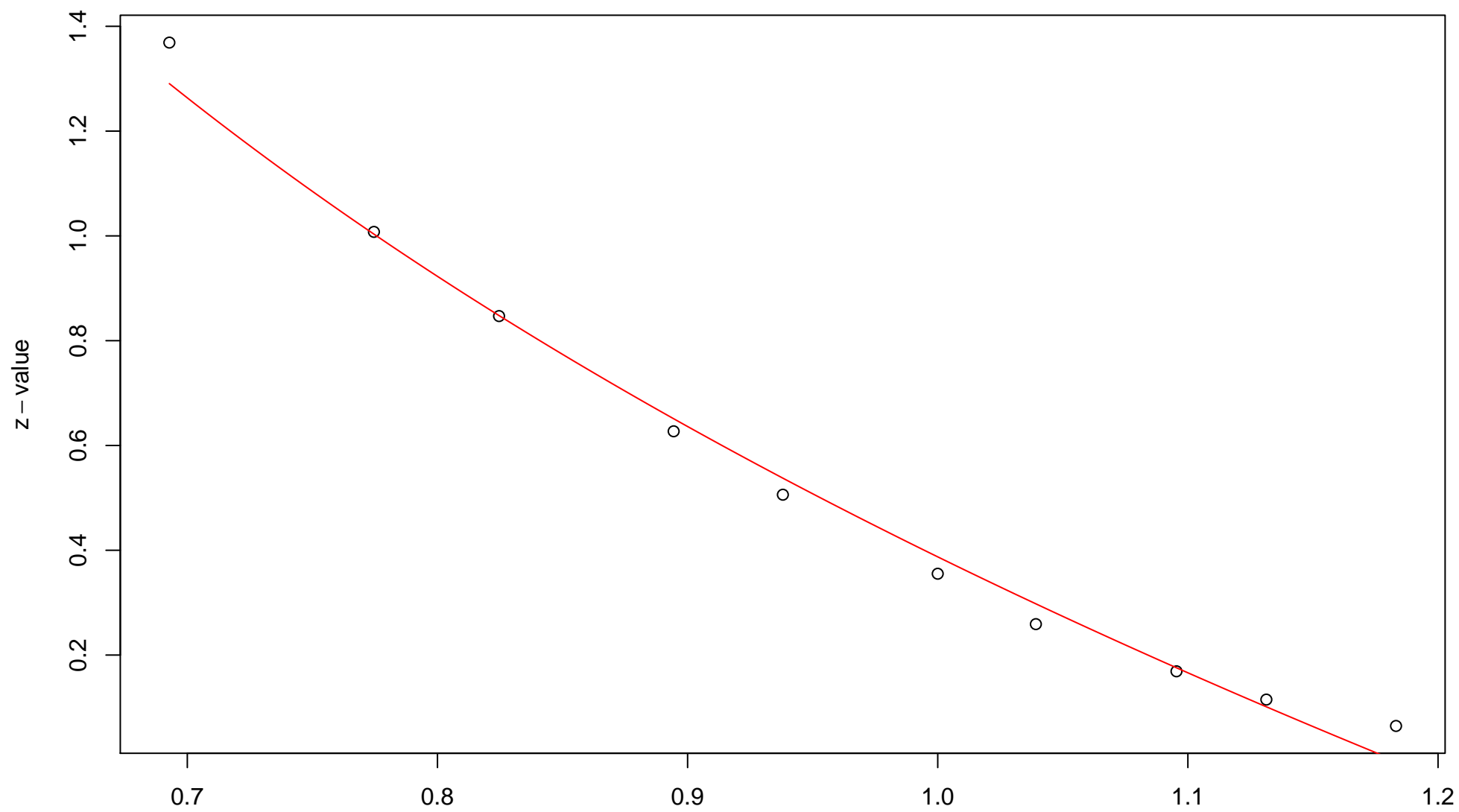
$\sqrt{r}$   
AU = 0.99 , BP = 0.1 , v = -0.53 , c = 1.82 , pchi = 0.04

### 38th edge



$\sqrt{r}$   
AU = 0.98 , BP = 0.48 , v = -1.02 , c = 1.07 , pchi = 0

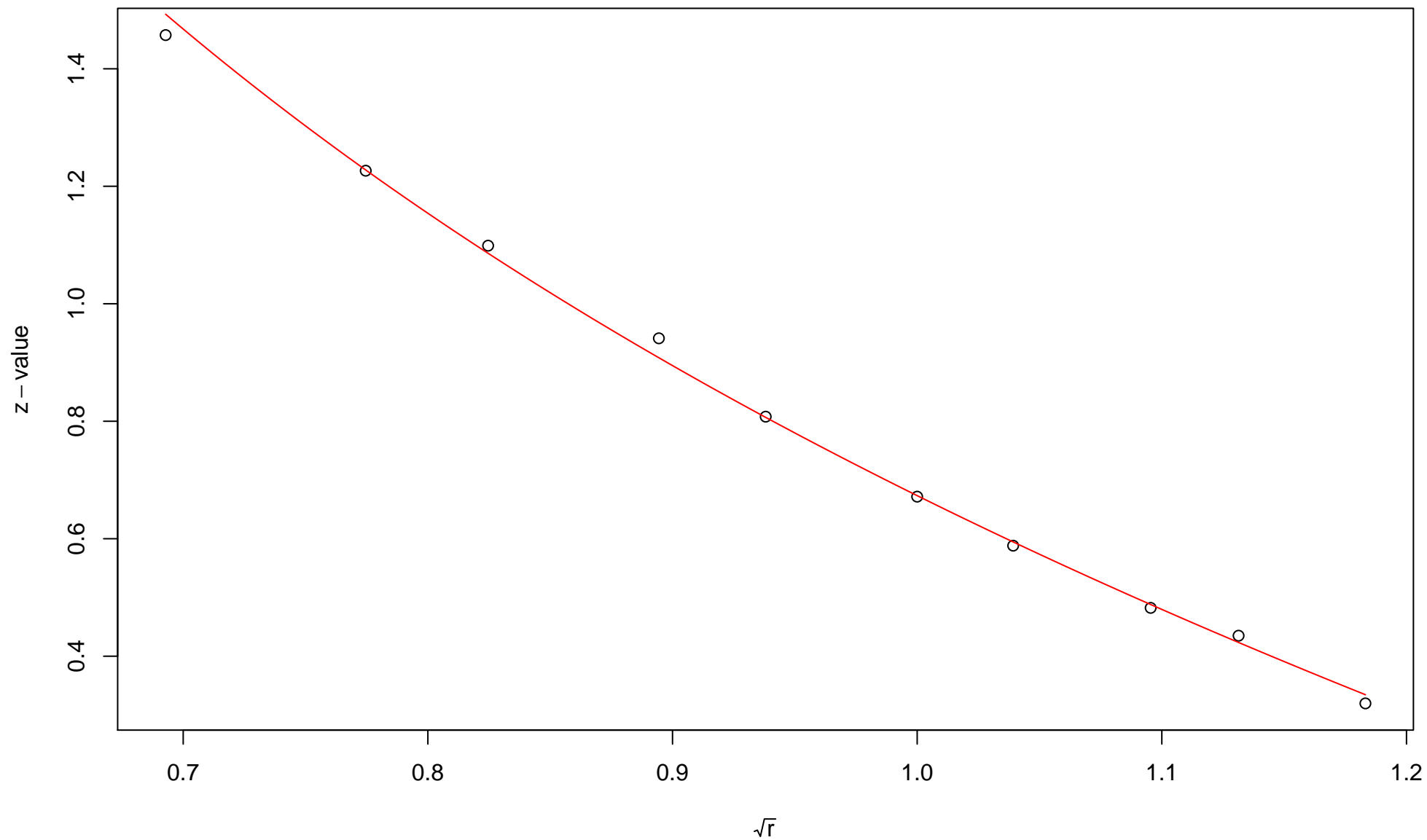
### 39th edge



$\sqrt{r}$   
AU = 0.99 , BP = 0.35 ,  $v = -0.97$  , c = 1.36 , pchi = 0

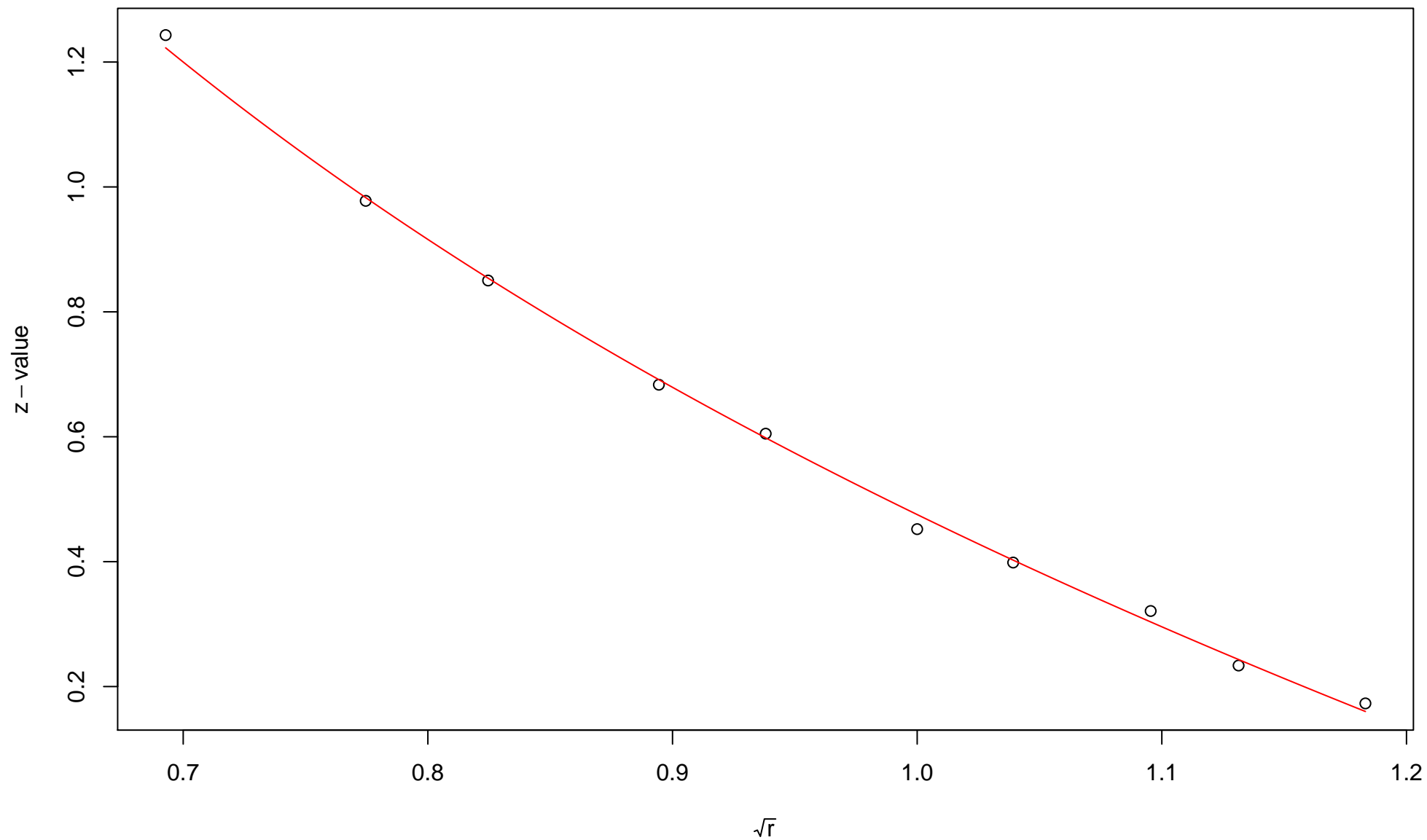


### 40th edge



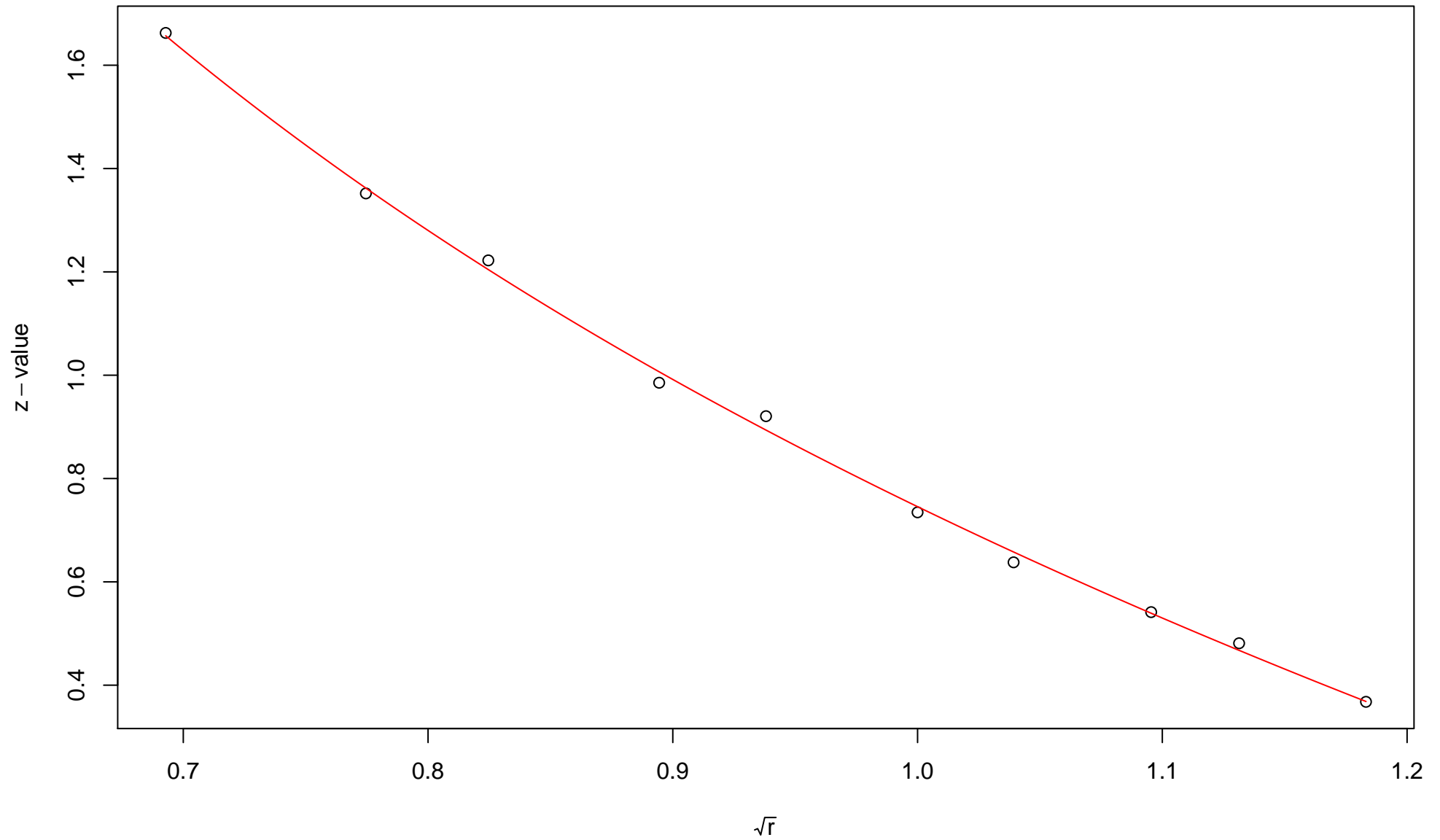
$\sqrt{r}$   
AU = 0.98 , BP = 0.25 ,  $v = -0.69$  ,  $c = 1.37$  , pchi = 0.16

### 41st edge



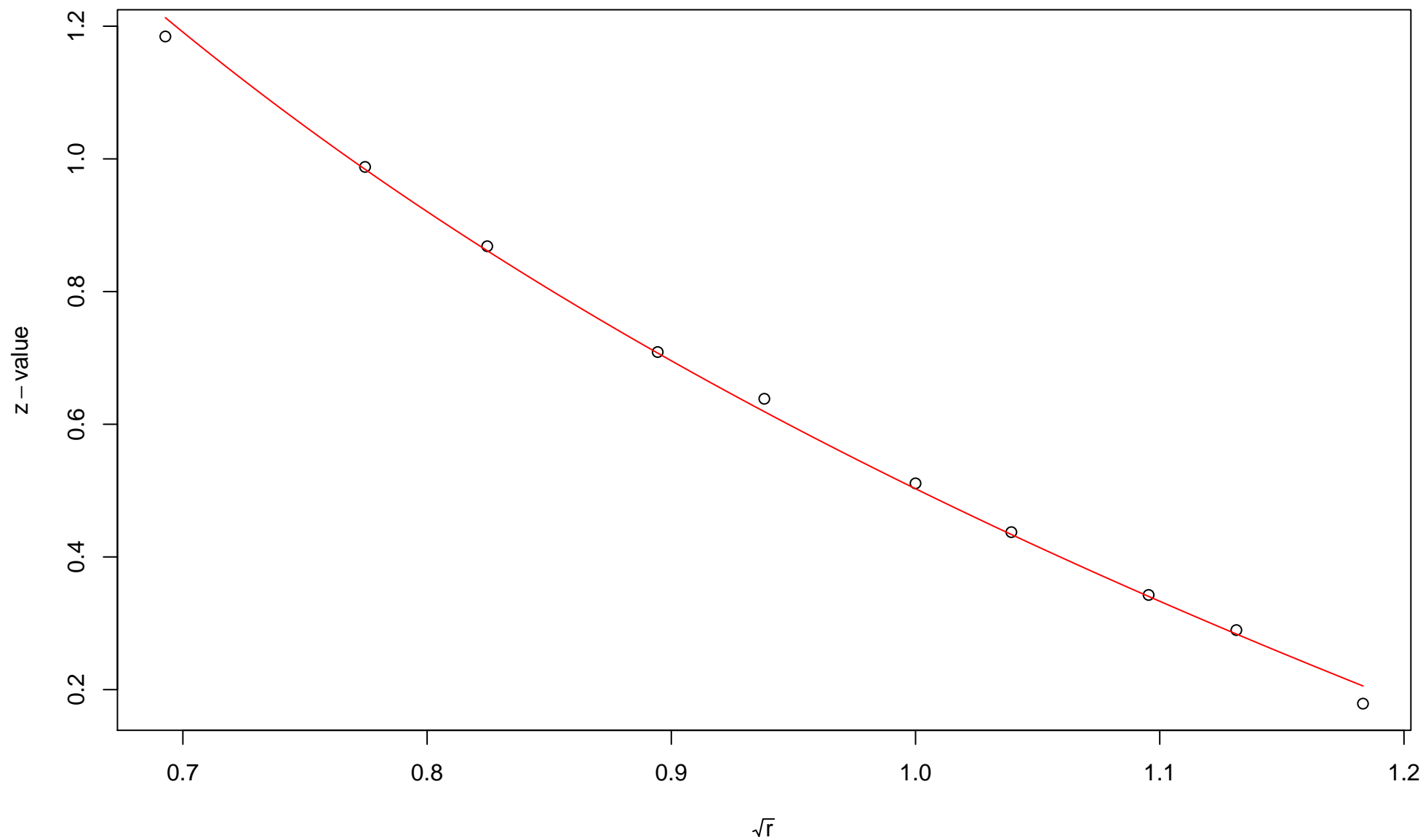
$\sqrt{r}$   
AU = 0.97 , BP = 0.32 ,  $v = -0.71$  ,  $c = 1.19$  , pchi = 0.34

### 42nd edge



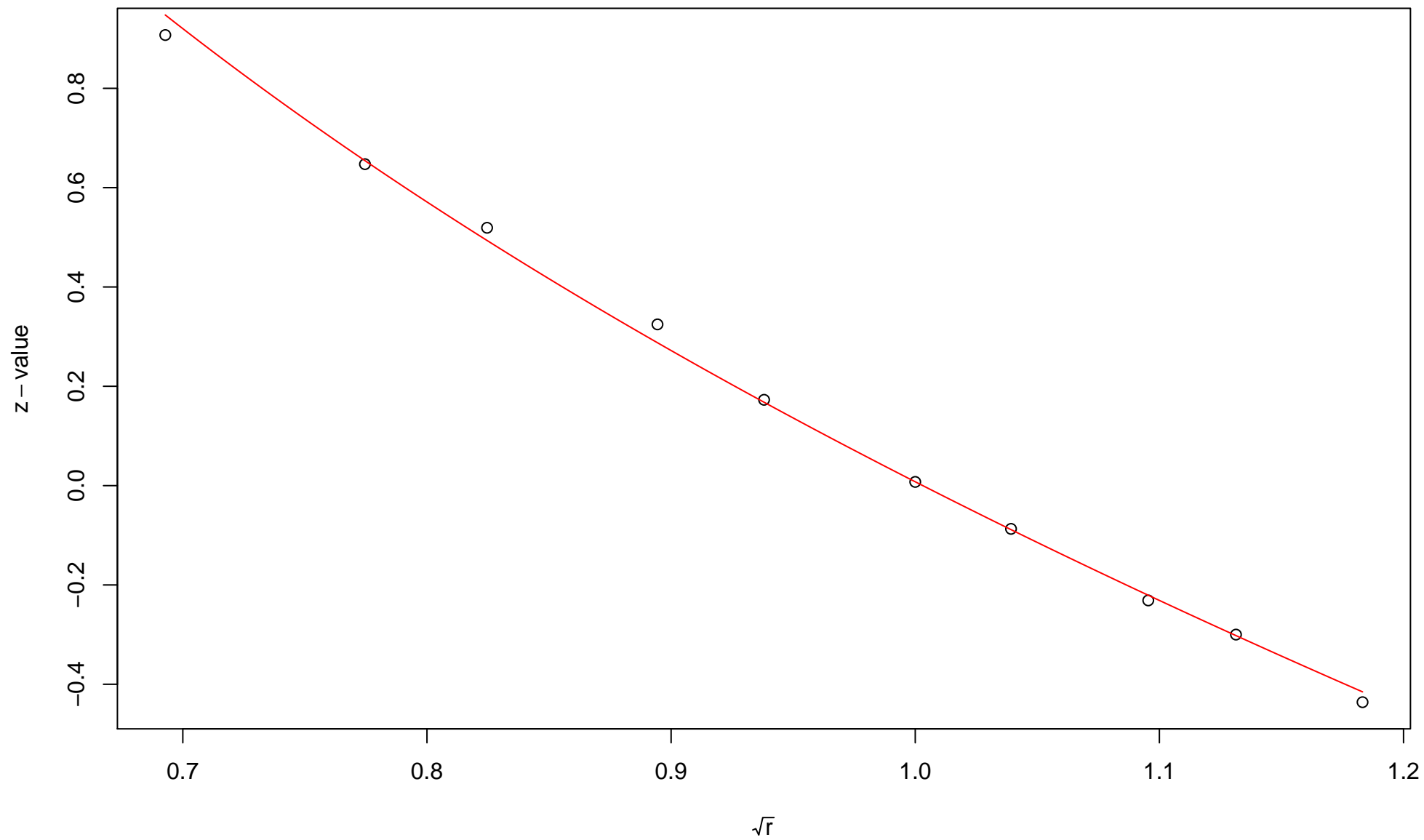
$\sqrt{r}$   
AU = 0.99 , BP = 0.23 ,  $v = -0.77$  ,  $c = 1.52$  ,  $pchi = 0.21$

### 43rd edge



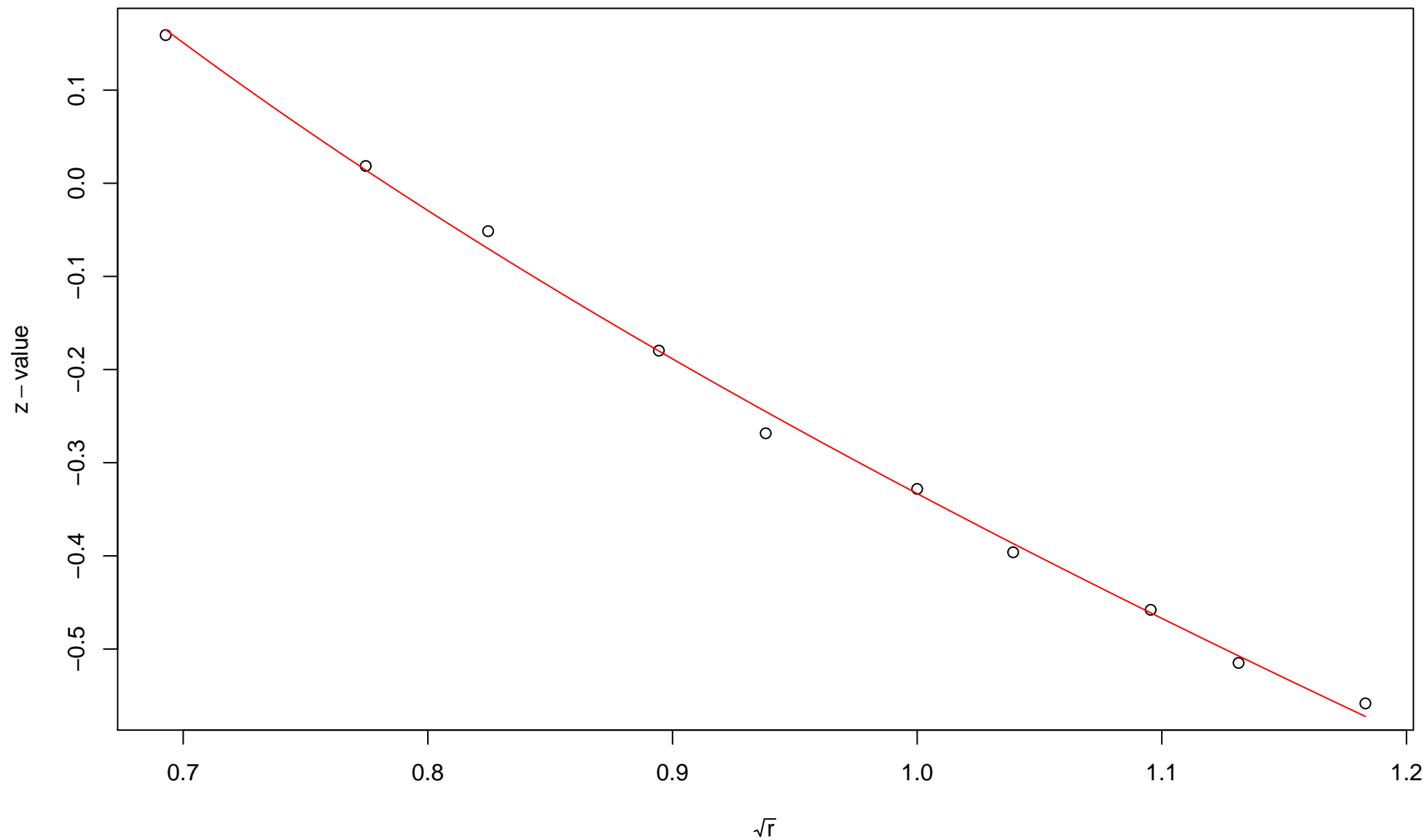
$\sqrt{r}$   
AU = 0.96 , BP = 0.31 ,  $v = -0.65$  ,  $c = 1.15$  ,  $pchi = 0.23$

### 44th edge



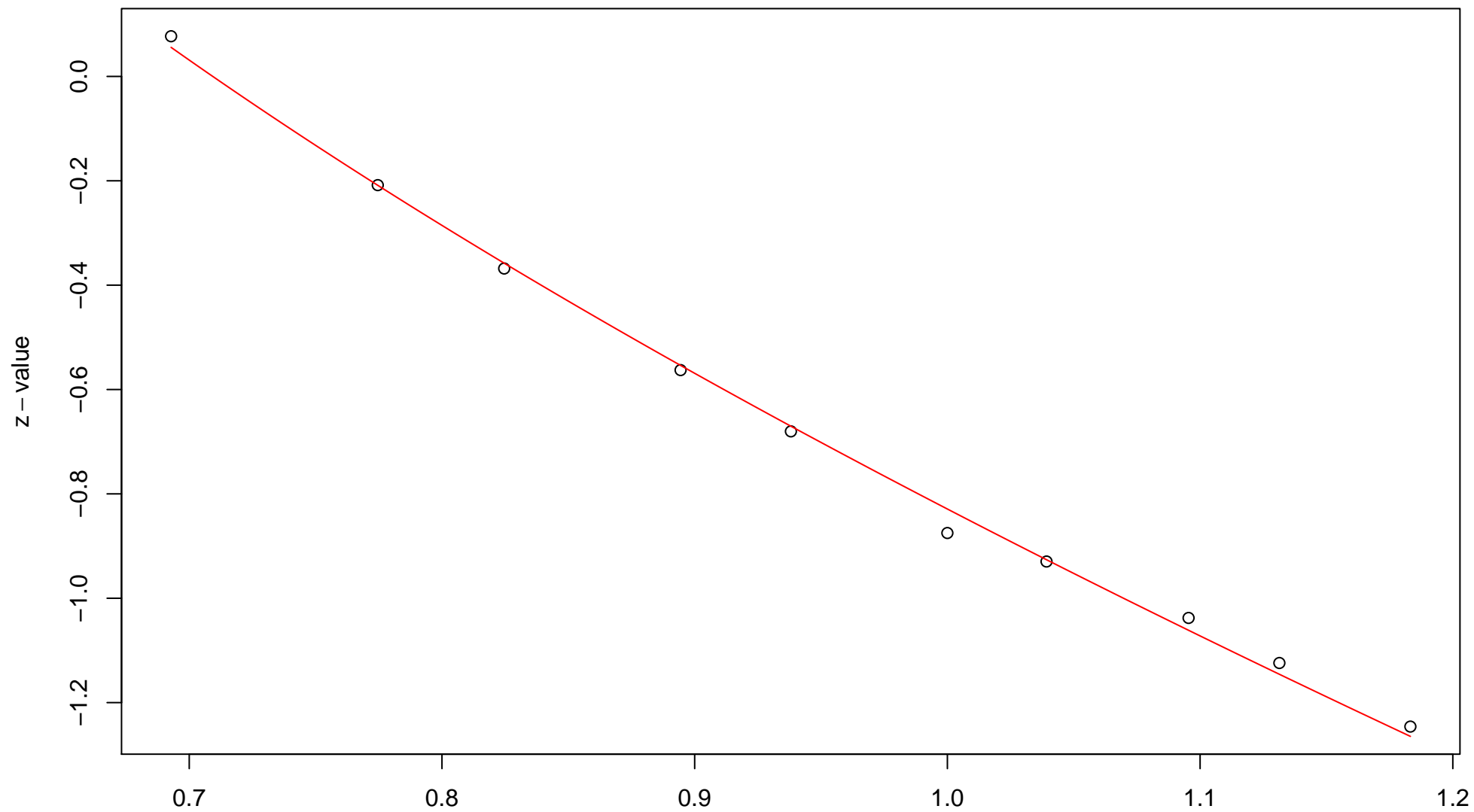
$\sqrt{r}$   
AU = 0.99 , BP = 0.5 ,  $v = -1.25$  ,  $c = 1.26$  ,  $pchi = 0$

### 45th edge



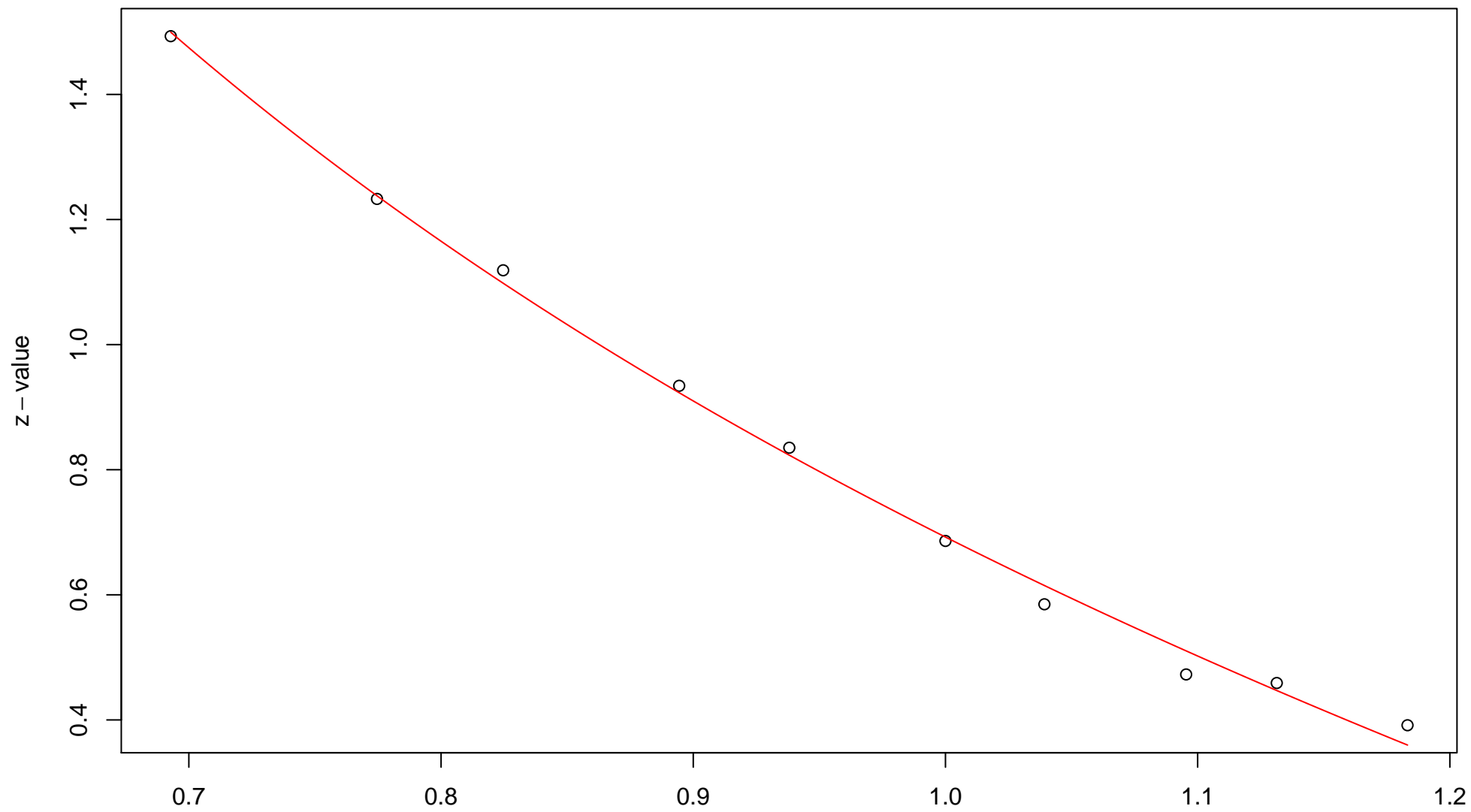
$\sqrt{r}$   
AU = 0.92 , BP = 0.63 ,  $v = -0.86$  ,  $c = 0.53$  , pchi = 0.42

### 46th edge



$\sqrt{r}$   
AU = 0.99 , BP = 0.8 , v = -1.67 , c = 0.84 , pchi = 0.01

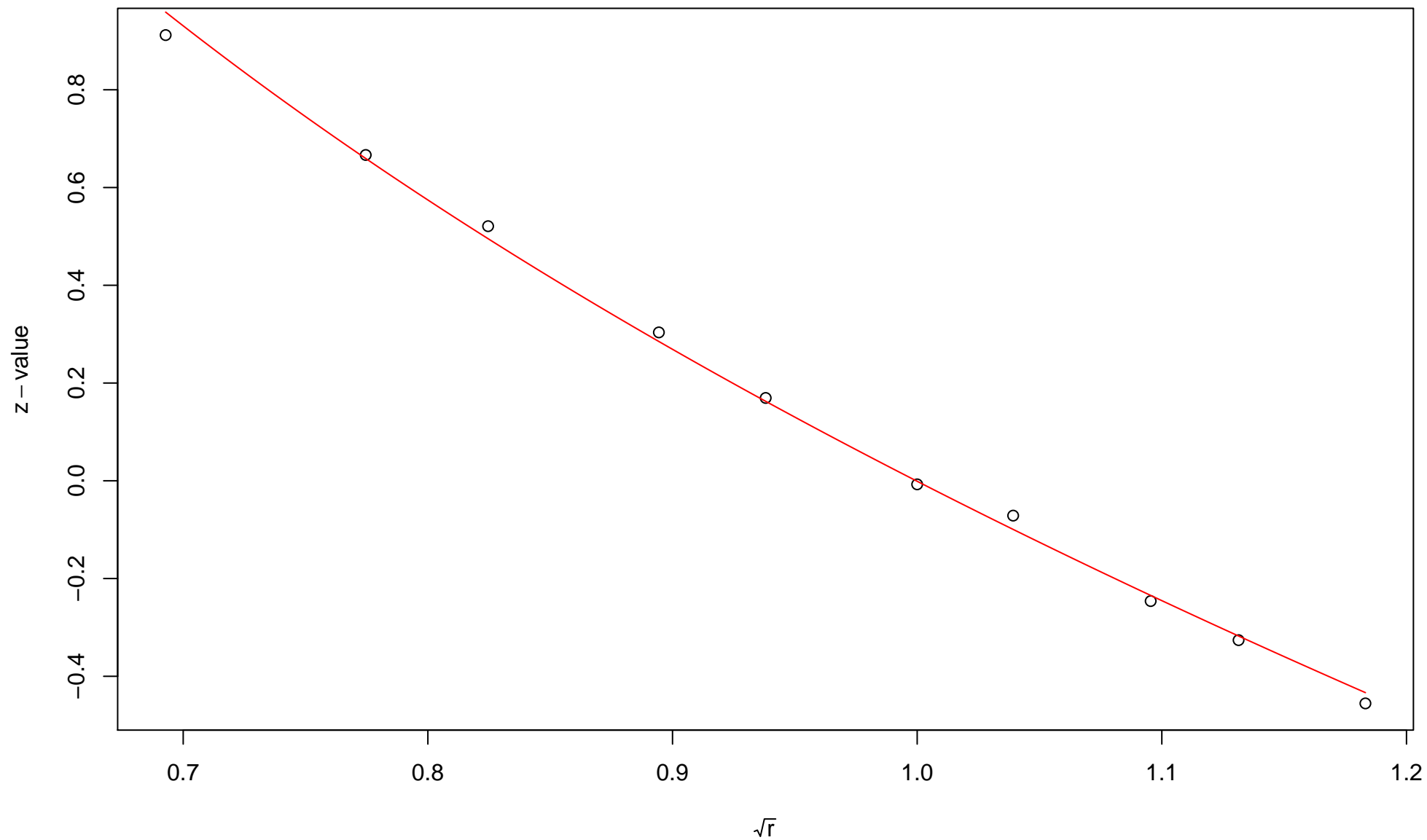
### 47th edge



$\sqrt{r}$   
AU = 0.98 , BP = 0.24 , v = -0.67 , c = 1.36 , pchi = 0

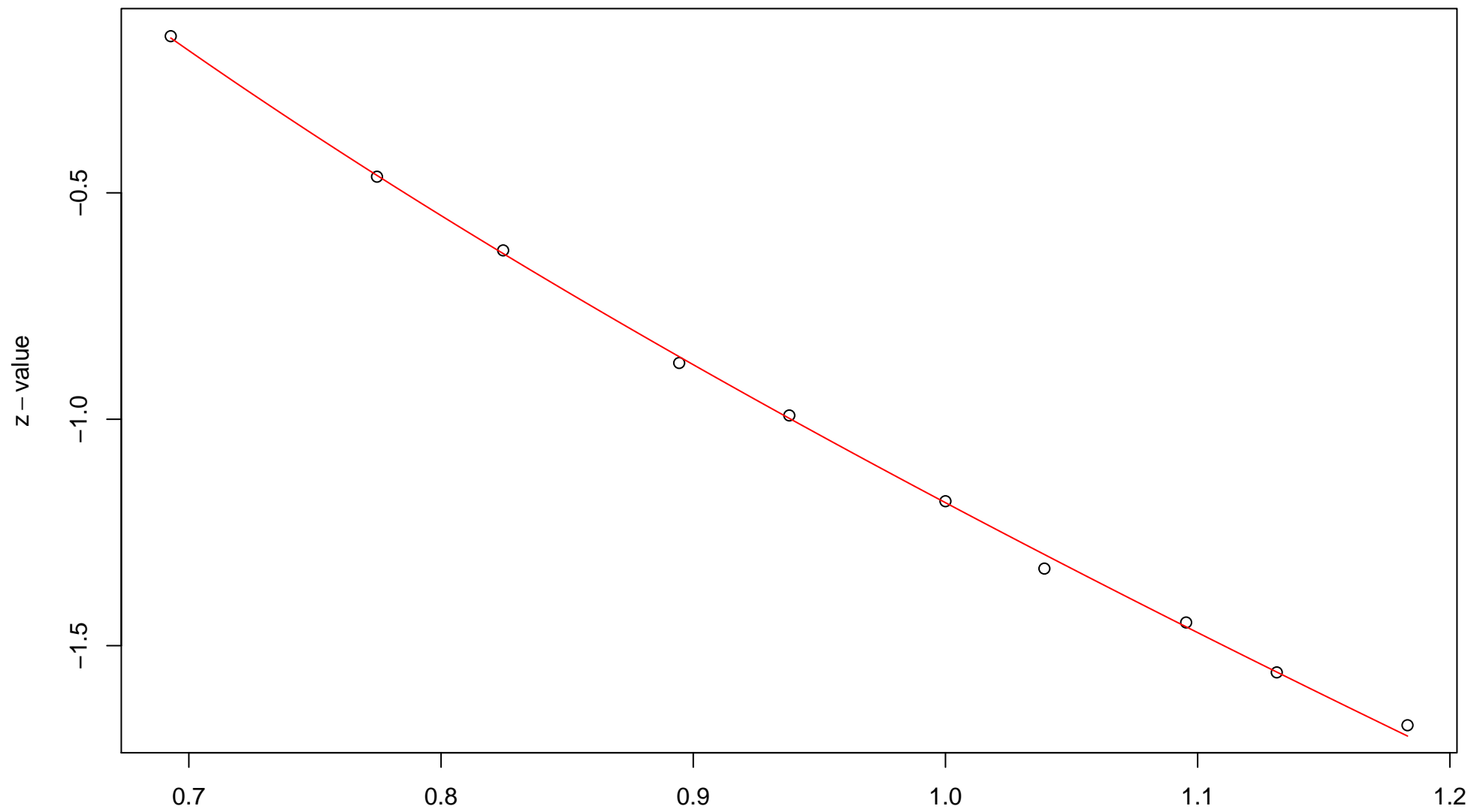


### 48th edge



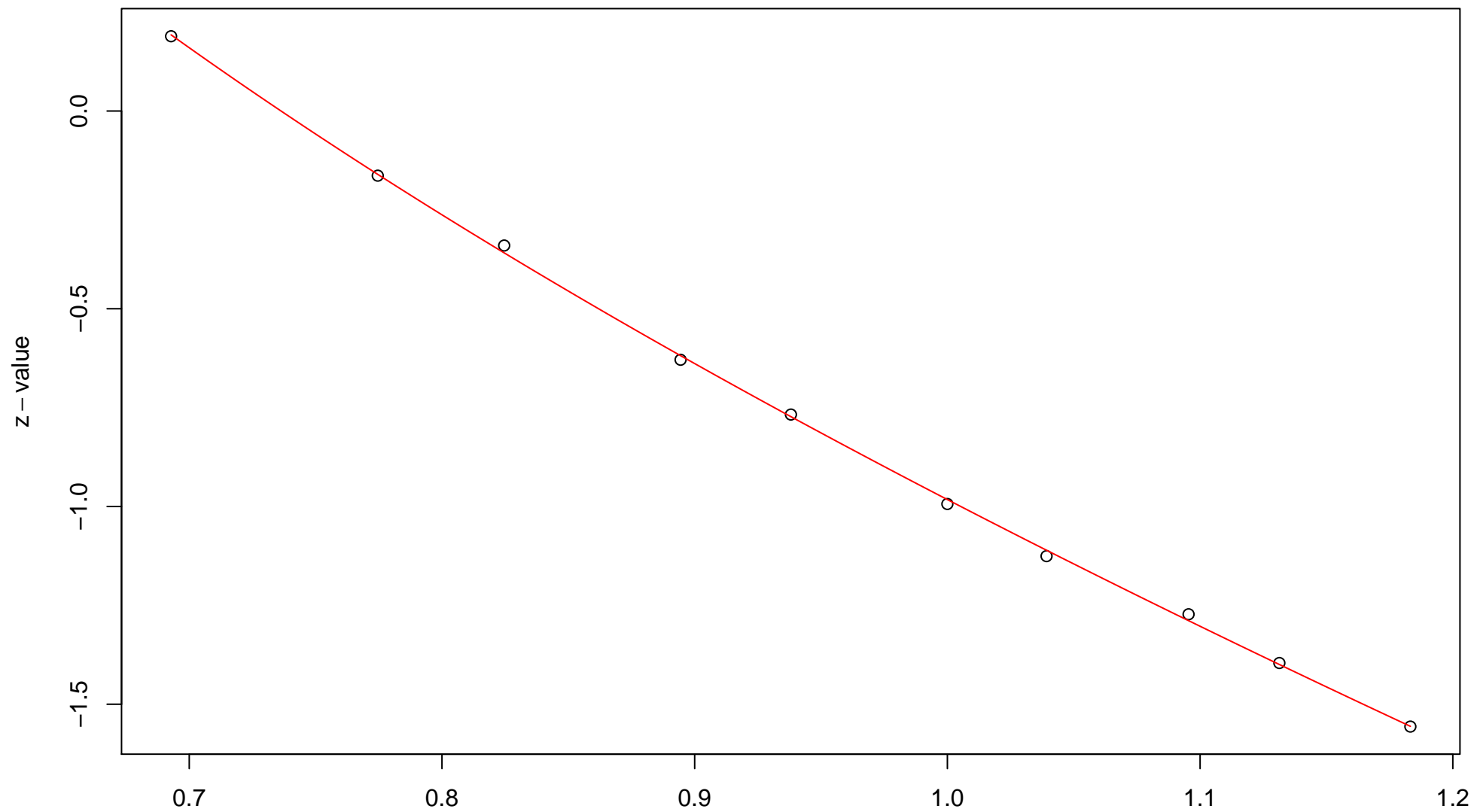
$\sqrt{r}$   
AU = 0.99 , BP = 0.5 ,  $v = -1.28$  , c = 1.28 , pchi = 0

### 49th edge



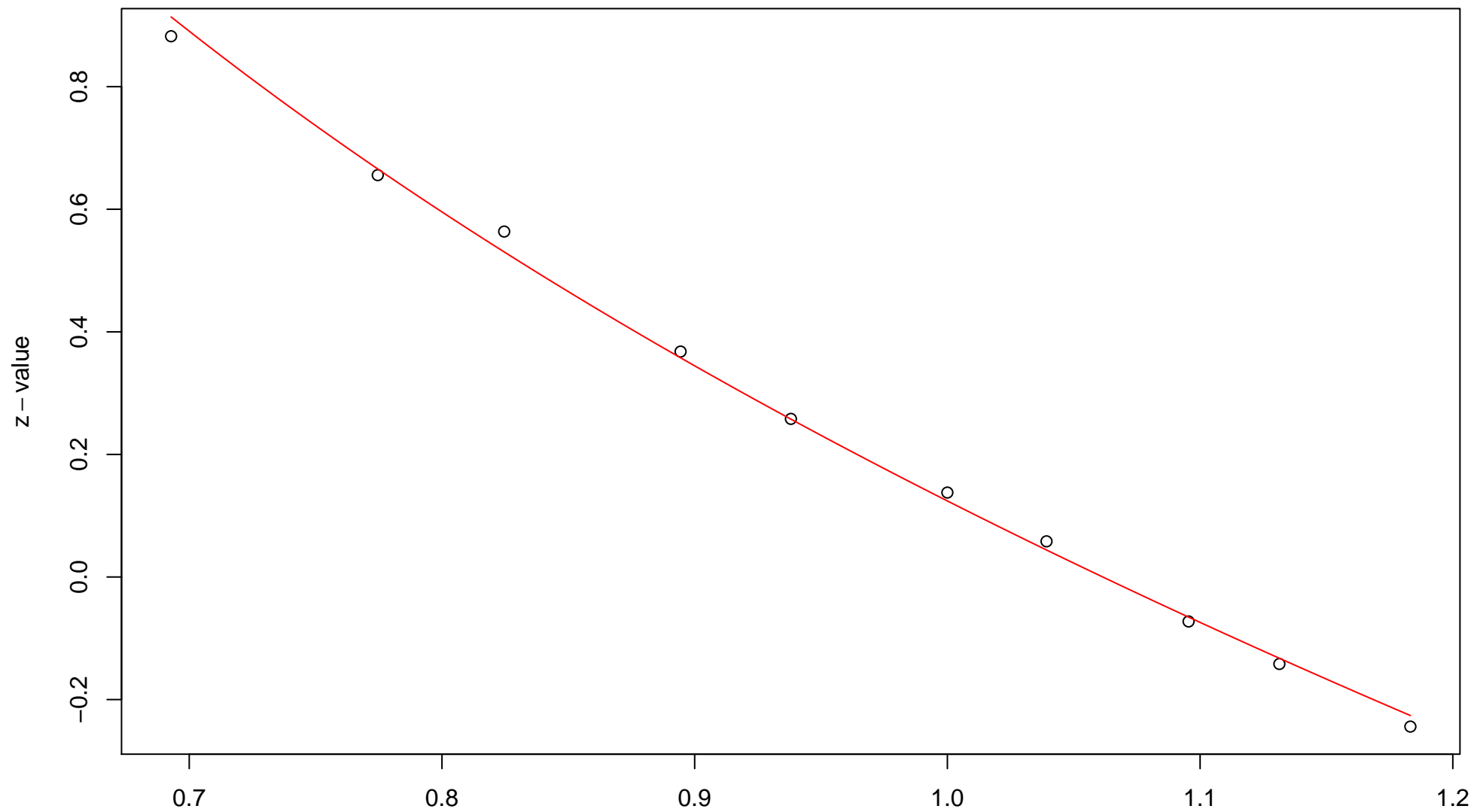
$\sqrt{r}$   
AU = 1 , BP = 0.88 ,  $v = -2.07$  , c = 0.88 , pchi = 0.62

### 50th edge



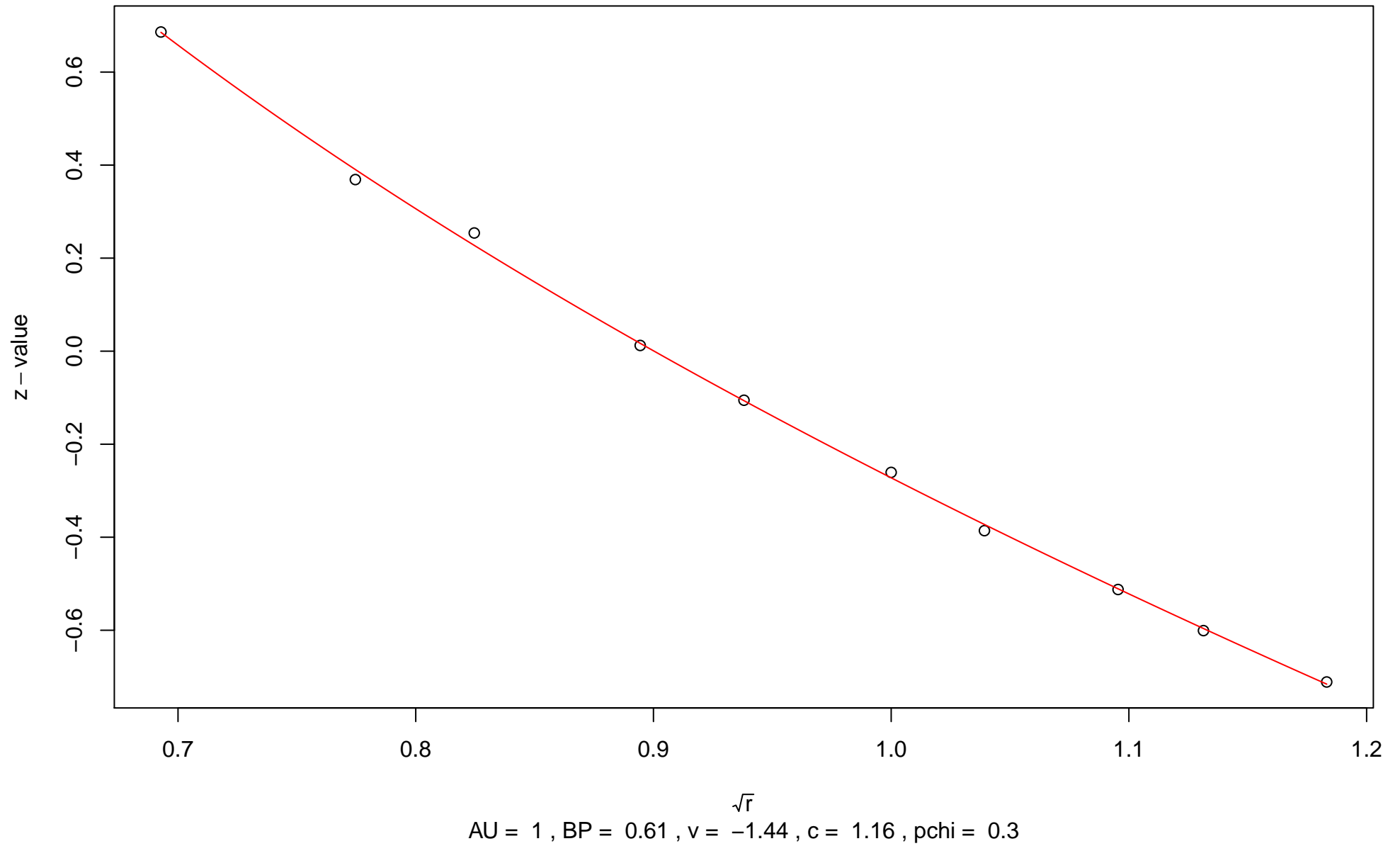
$\sqrt{r}$   
AU = 1 , BP = 0.84 ,  $v = -2.15$  ,  $c = 1.16$  ,  $pchi = 0.72$

# 51st edge

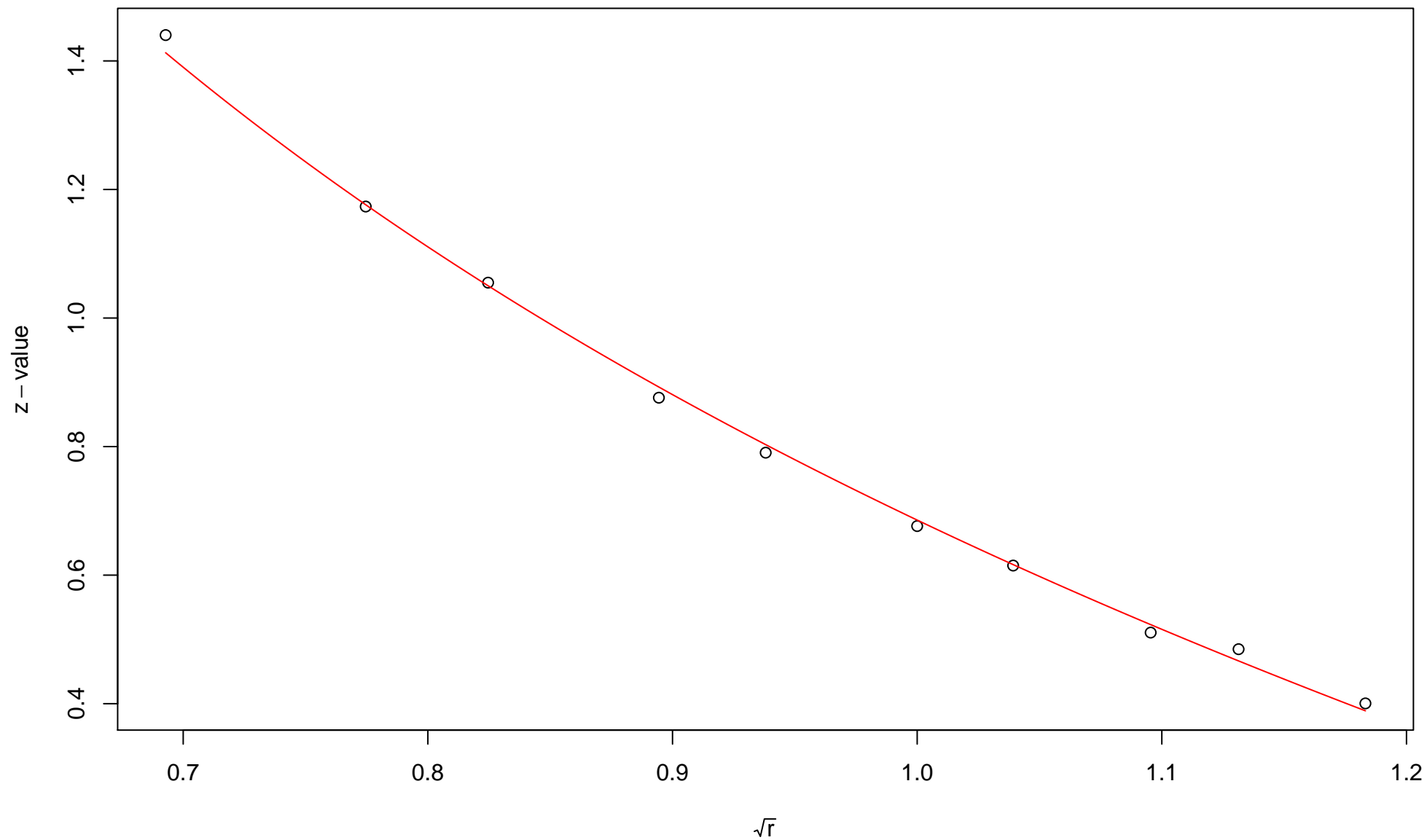


$\sqrt{r}$   
AU = 0.98 , BP = 0.45 ,  $v = -0.98$  , c = 1.1 , pchi = 0.03

### 52nd edge

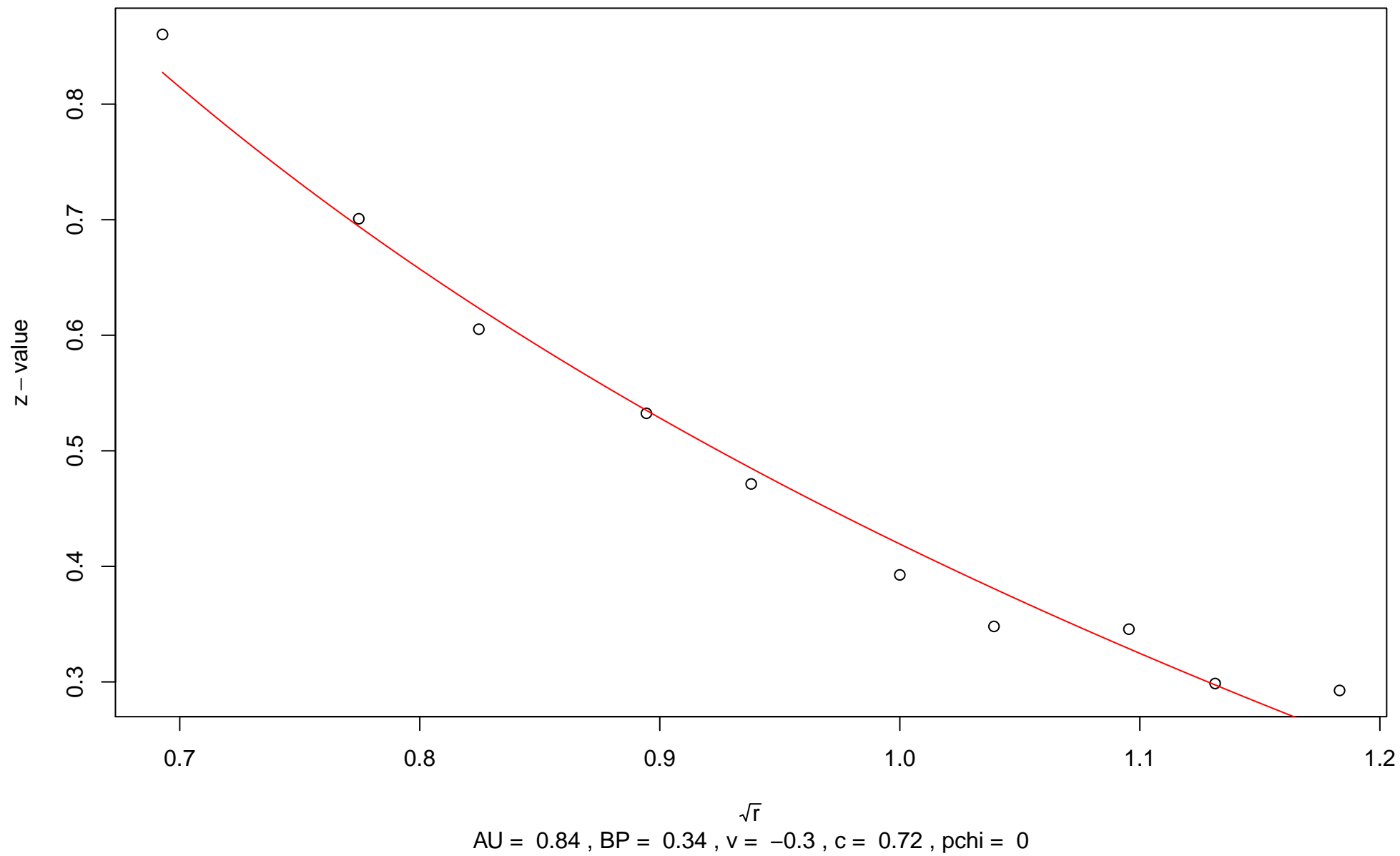


### 53rd edge

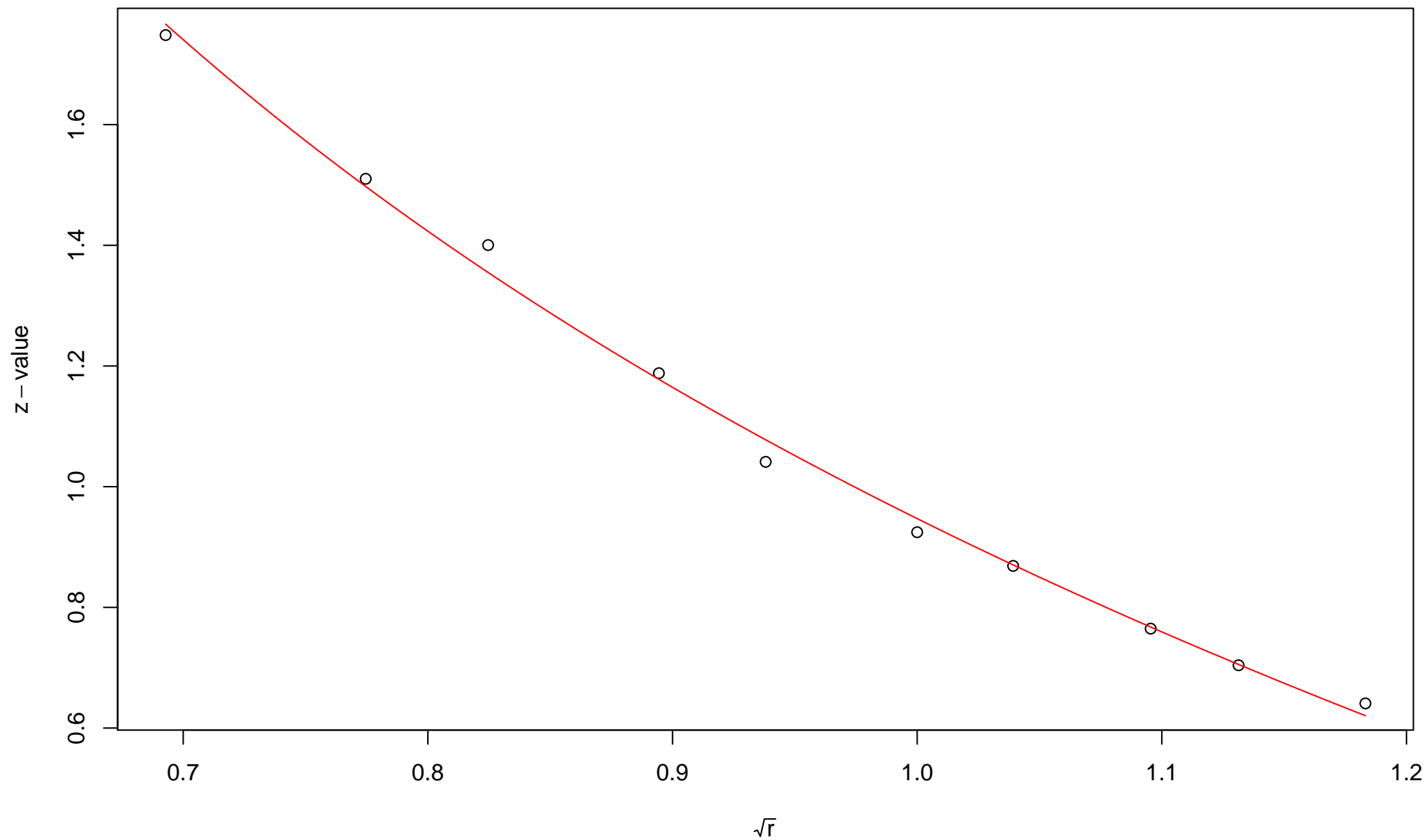


$\sqrt{r}$   
AU = 0.97 , BP = 0.25 ,  $v = -0.56$  ,  $c = 1.25$  ,  $pchi = 0.38$

### 54th edge



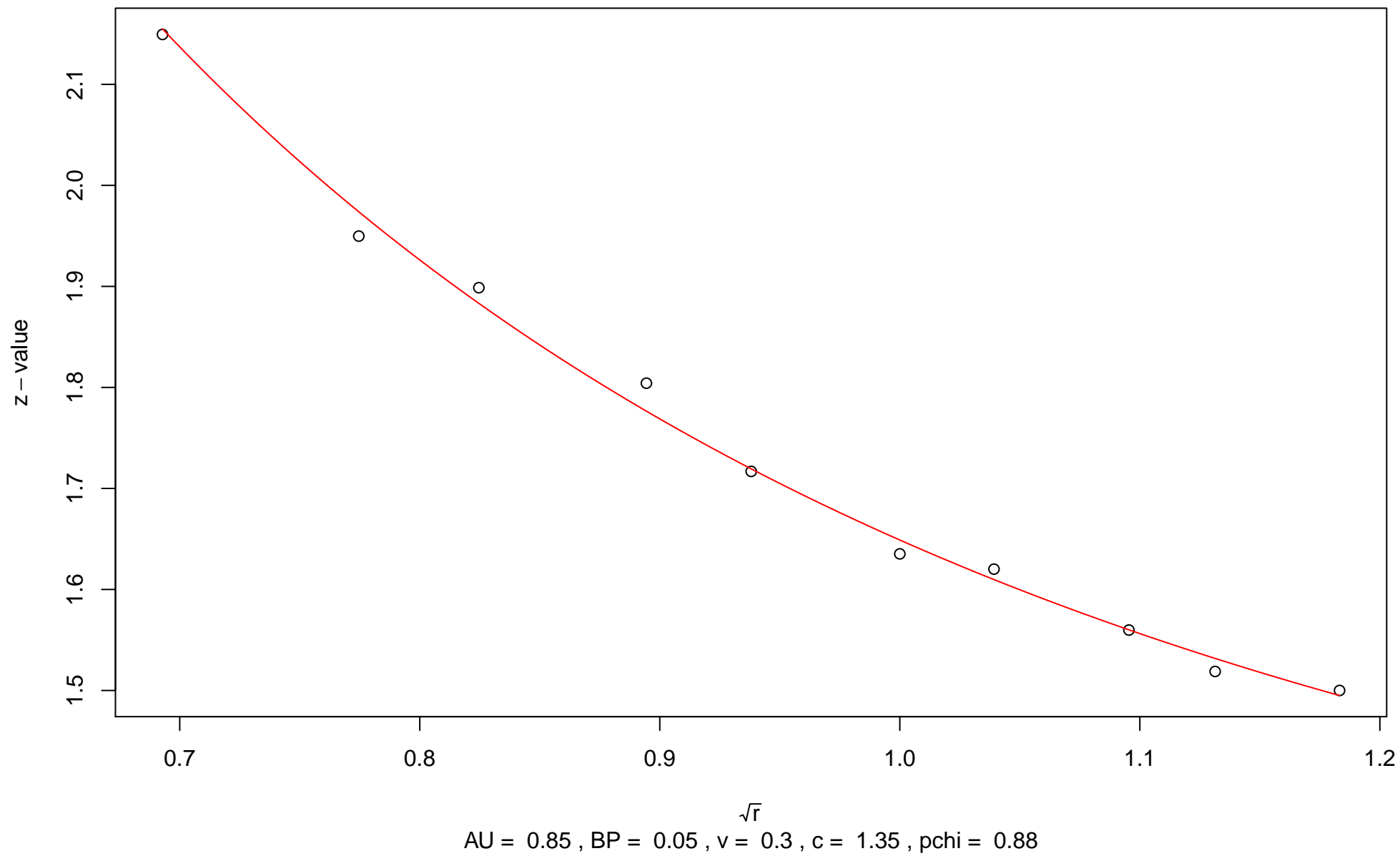
### 55th edge



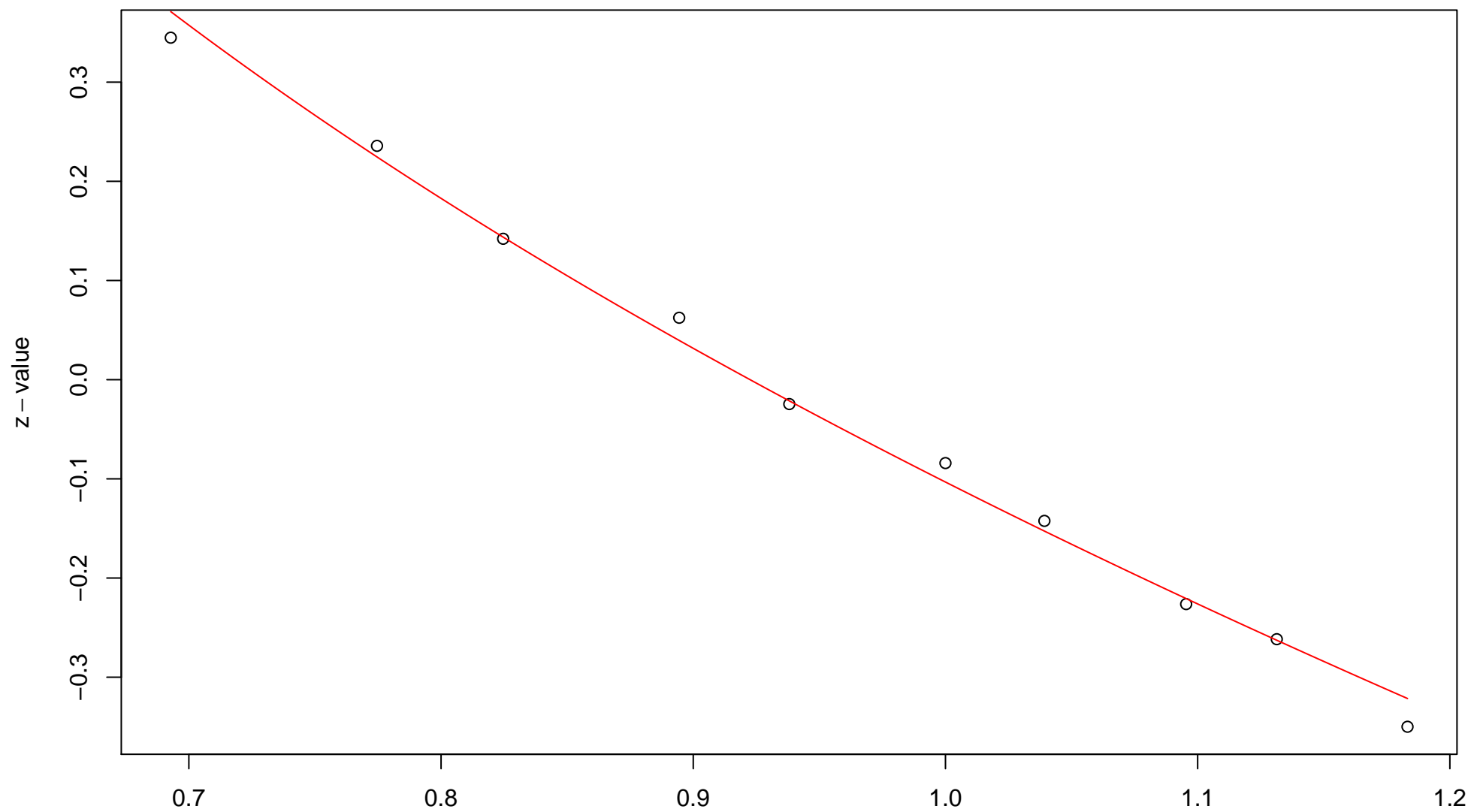
$\sqrt{r}$   
AU = 0.98 , BP = 0.17 ,  $v = -0.53$  ,  $c = 1.48$  ,  $pchi = 0.02$



### 56th edge

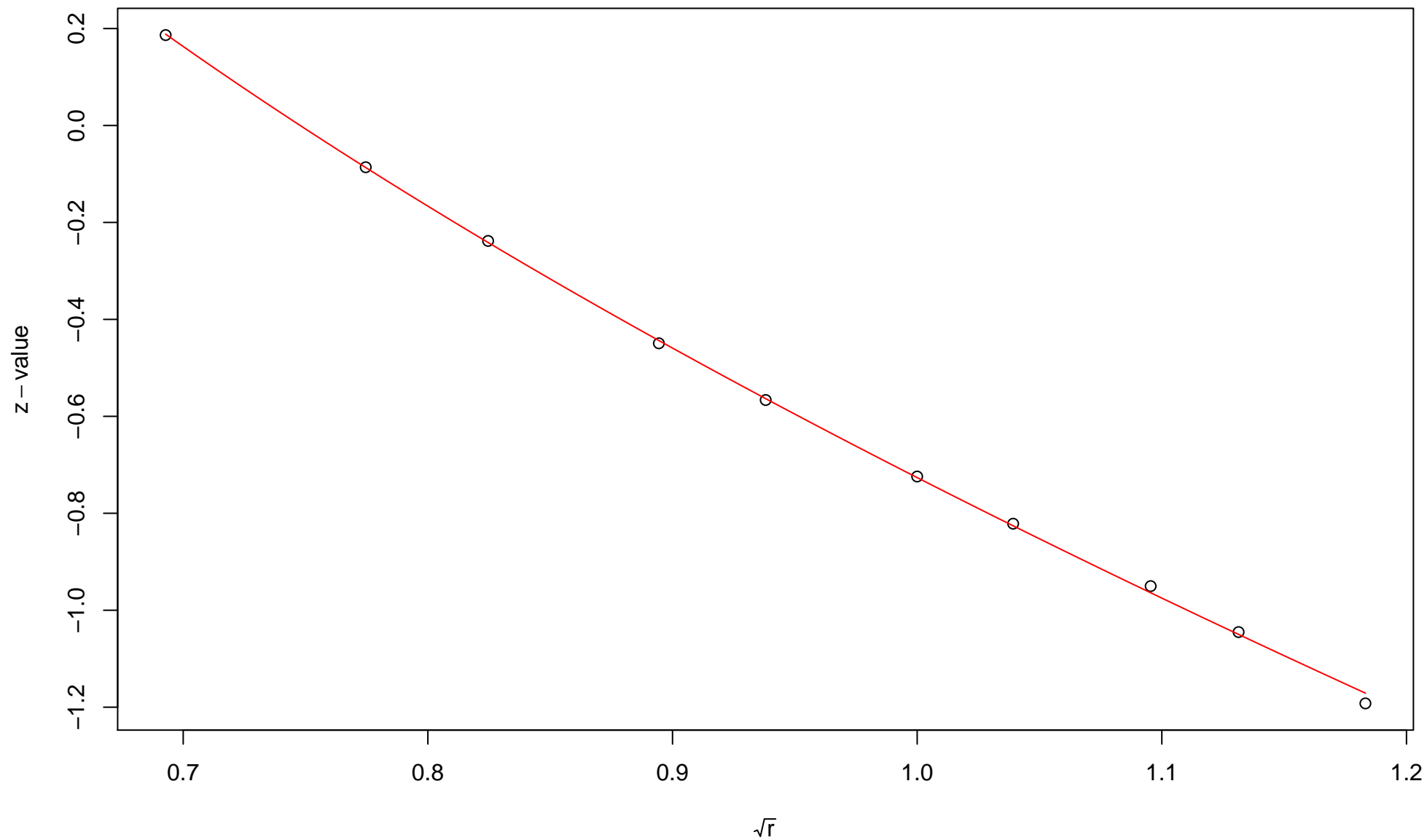


### 57th edge



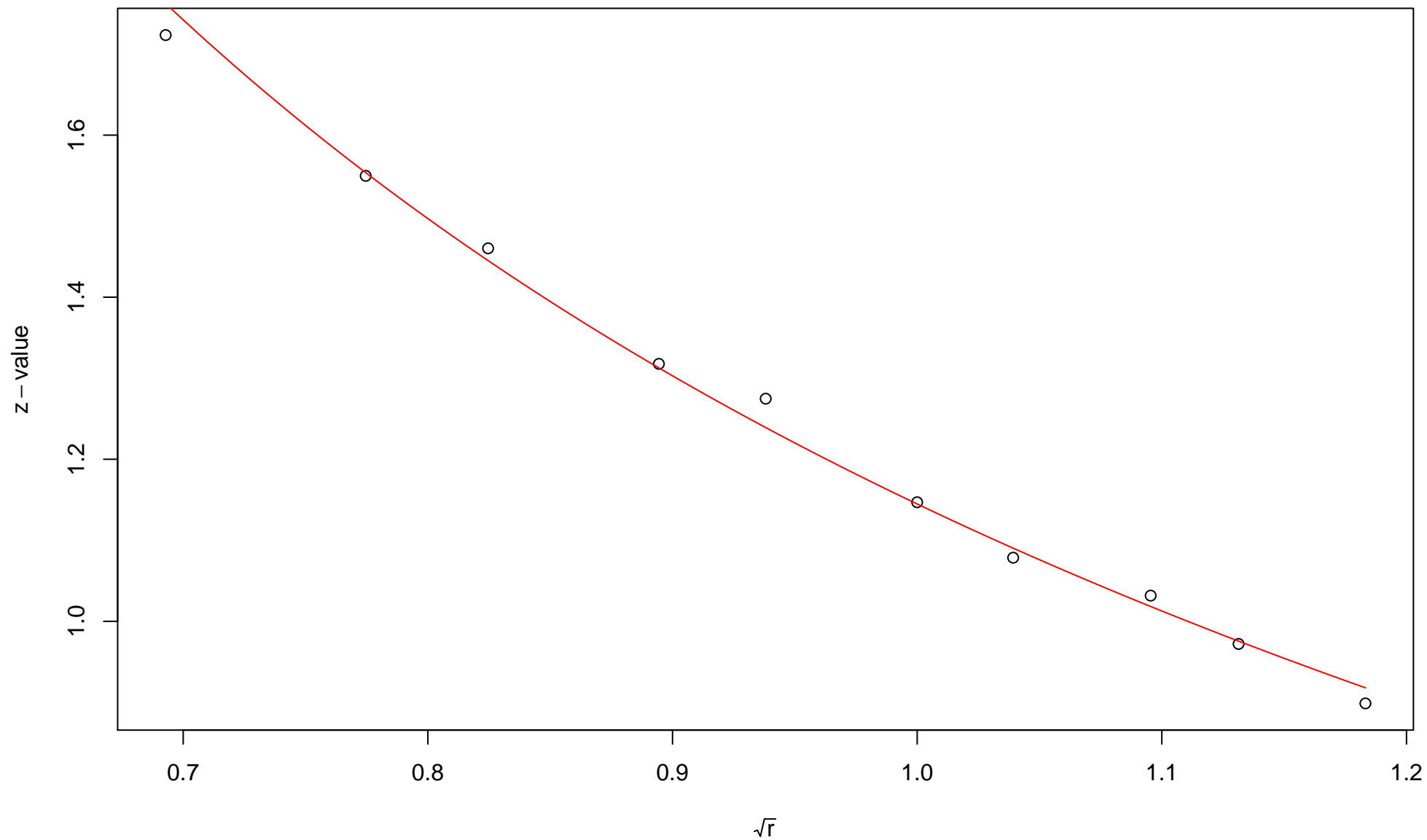
$\sqrt{r}$   
AU = 0.9 , BP = 0.54 , v = -0.69 , c = 0.59 , pchi = 0.04

### 58th edge



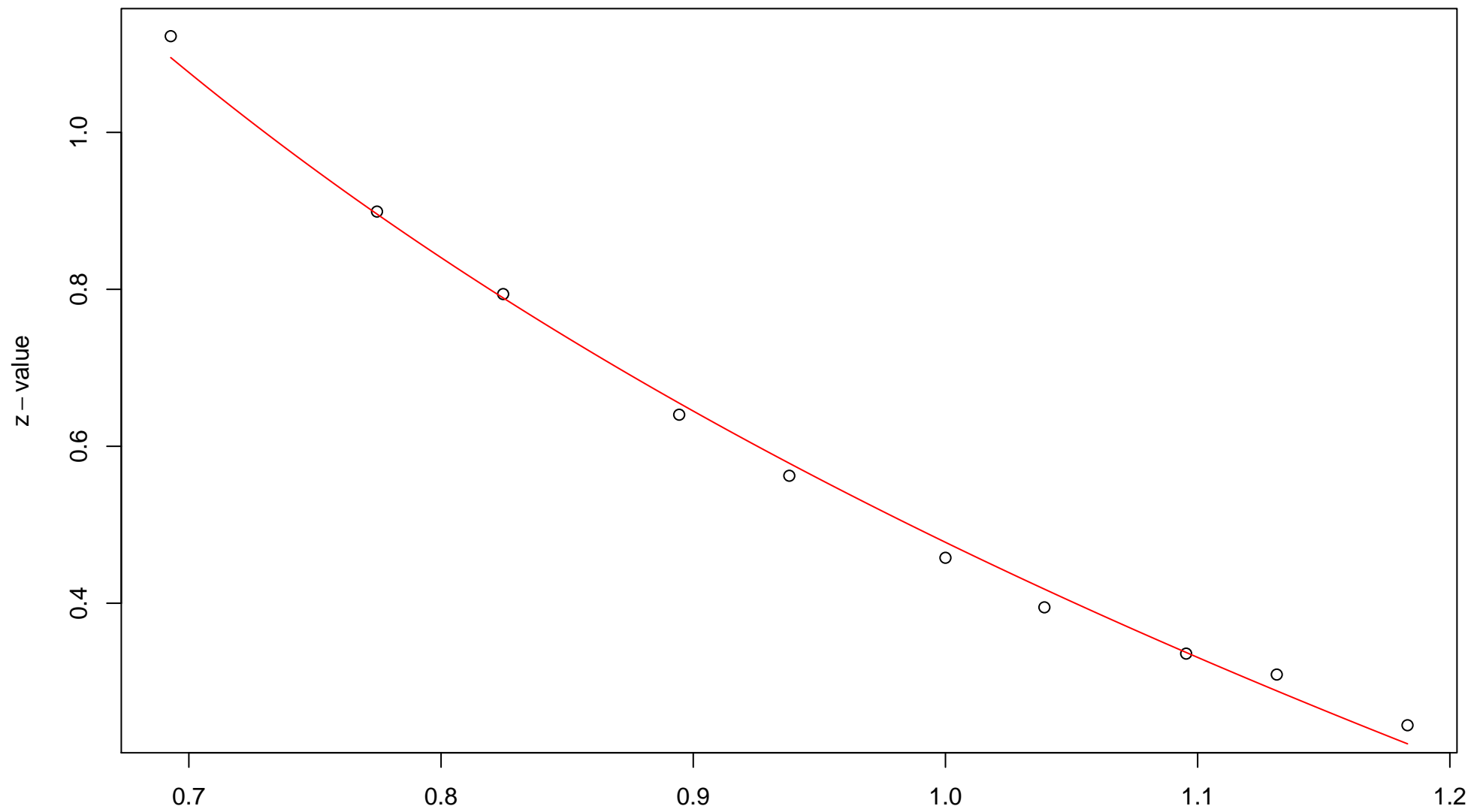
$\sqrt{r}$   
AU = 0.99 , BP = 0.77 ,  $v = -1.65$  , c = 0.92 , pchi = 0.93

### 59th edge



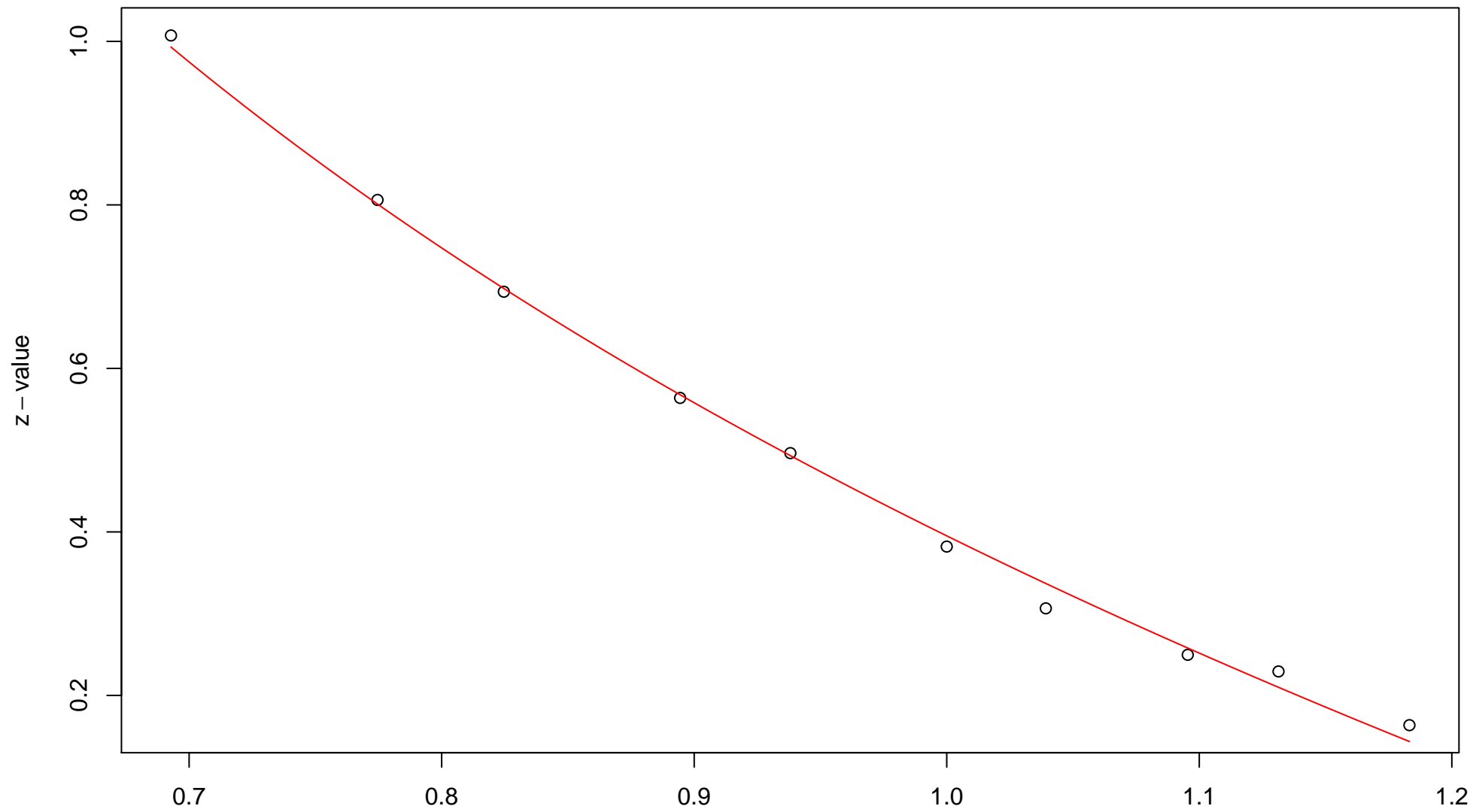
$\sqrt{r}$   
AU = 0.92 , BP = 0.13 ,  $v = -0.15$  ,  $c = 1.29$  , pchi = 0.18

# 60th edge



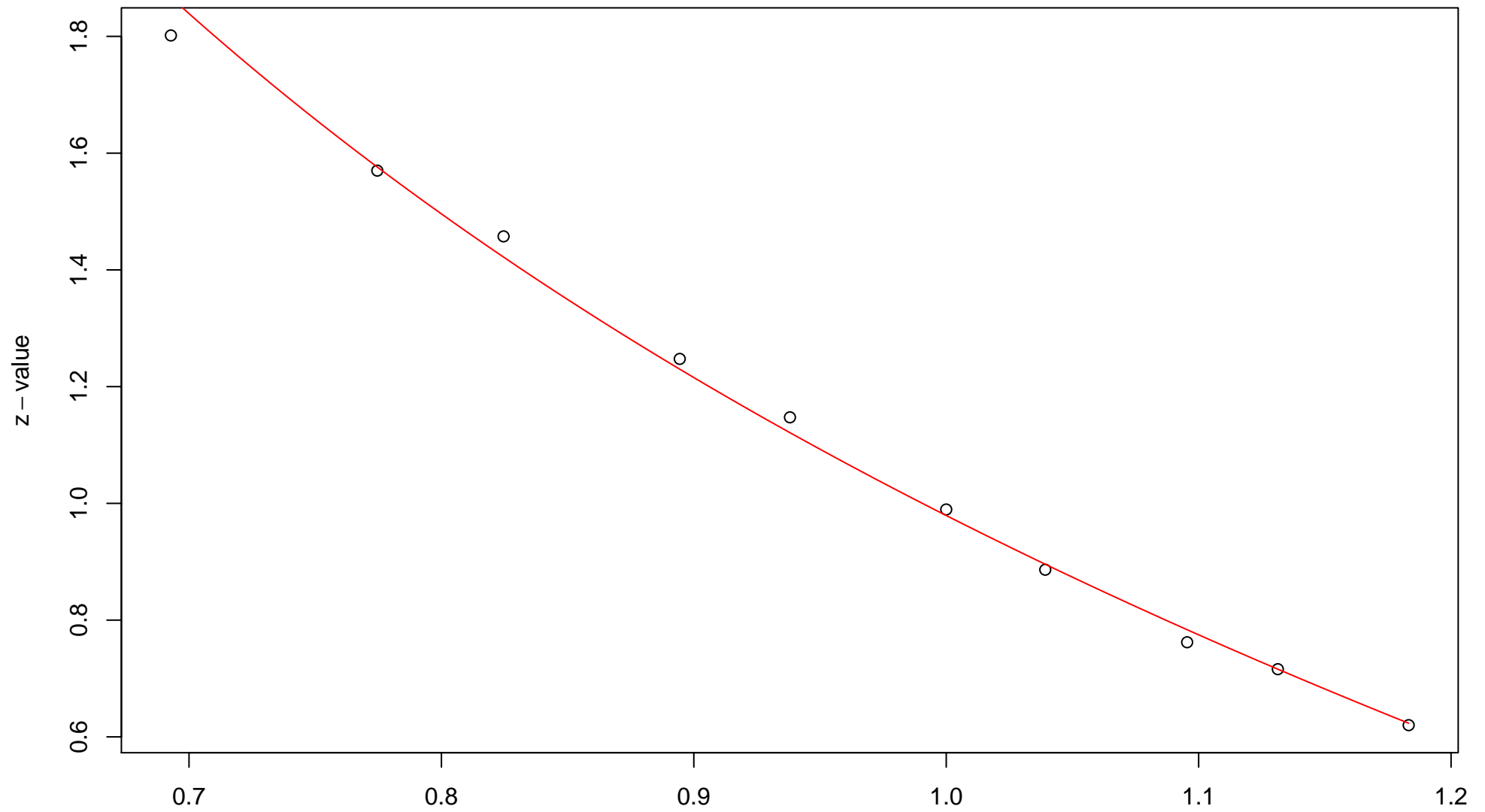
$\sqrt{r}$   
AU = 0.94 , BP = 0.32 ,  $v = -0.54$  ,  $c = 1.02$  , pchi = 0.03

# 61st edge



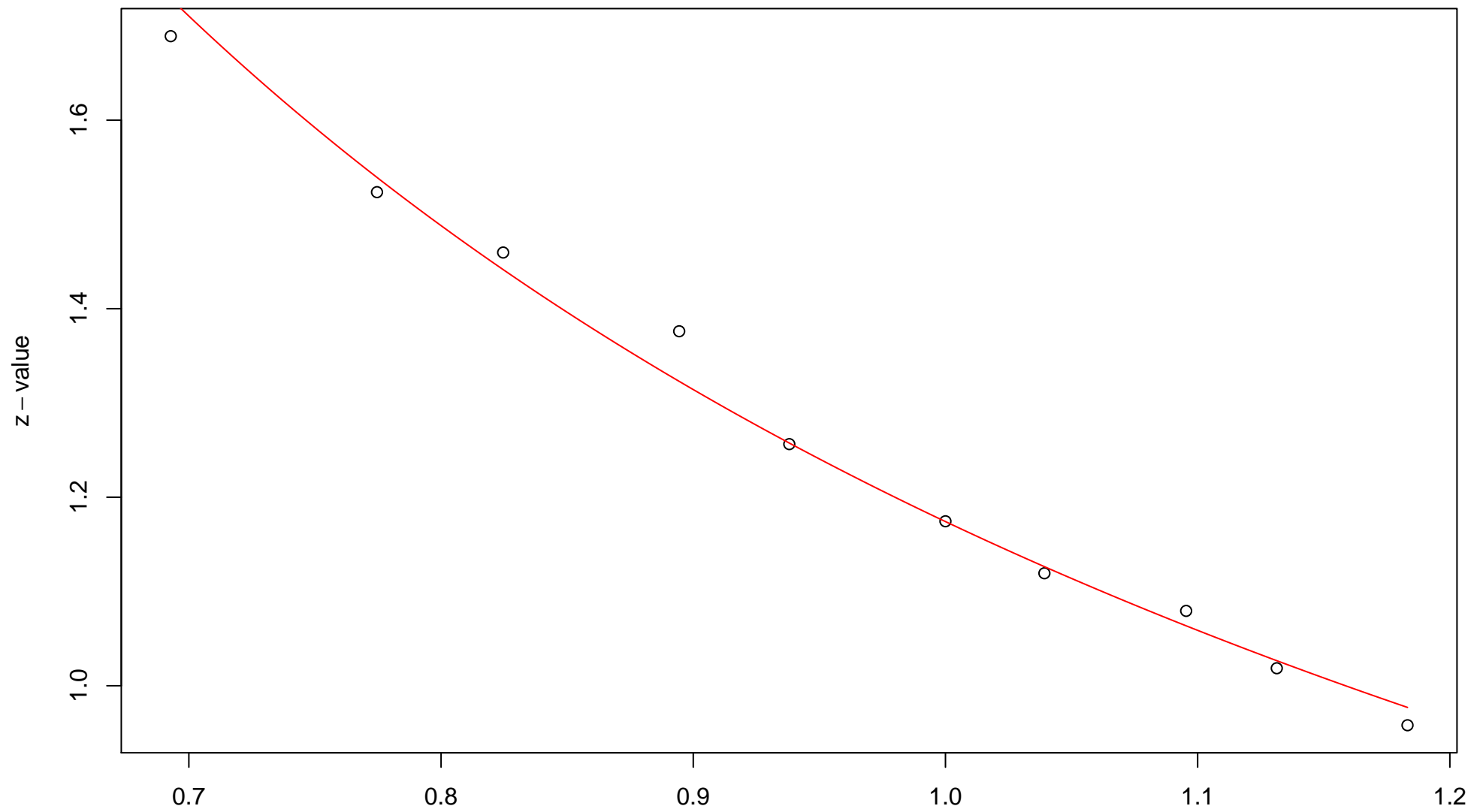
$\sqrt{r}$   
AU = 0.94 , BP = 0.35 ,  $v = -0.56$  , c = 0.96 , pchi = 0.1

## 62nd edge



$\sqrt{r}$   
AU = 0.99 , BP = 0.16 ,  $v = -0.6$  ,  $c = 1.58$  ,  $pchi = 0.02$

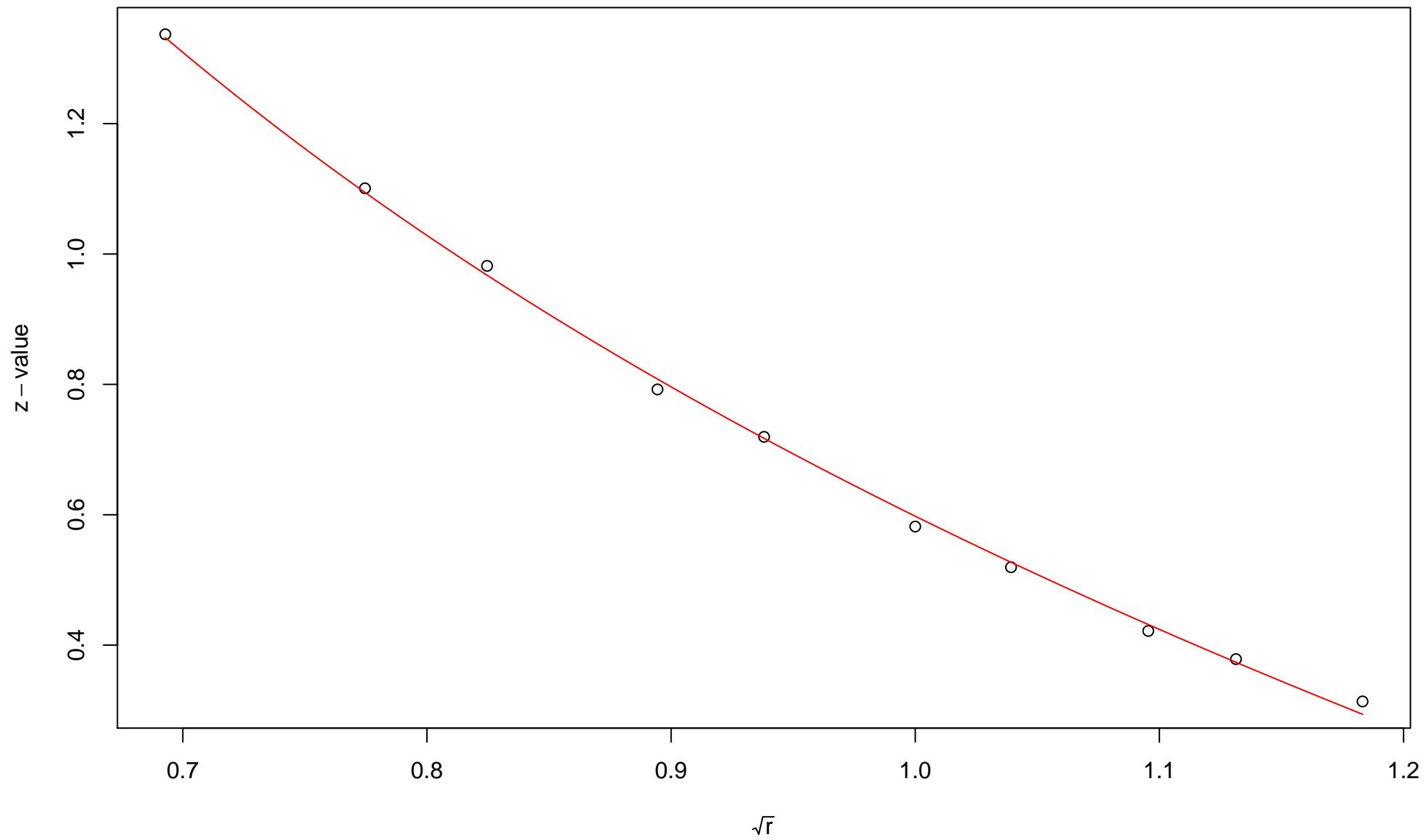
### 63rd edge



$\sqrt{r}$   
AU = 0.9 , BP = 0.12 , v = -0.05 , c = 1.22 , pchi = 0.03

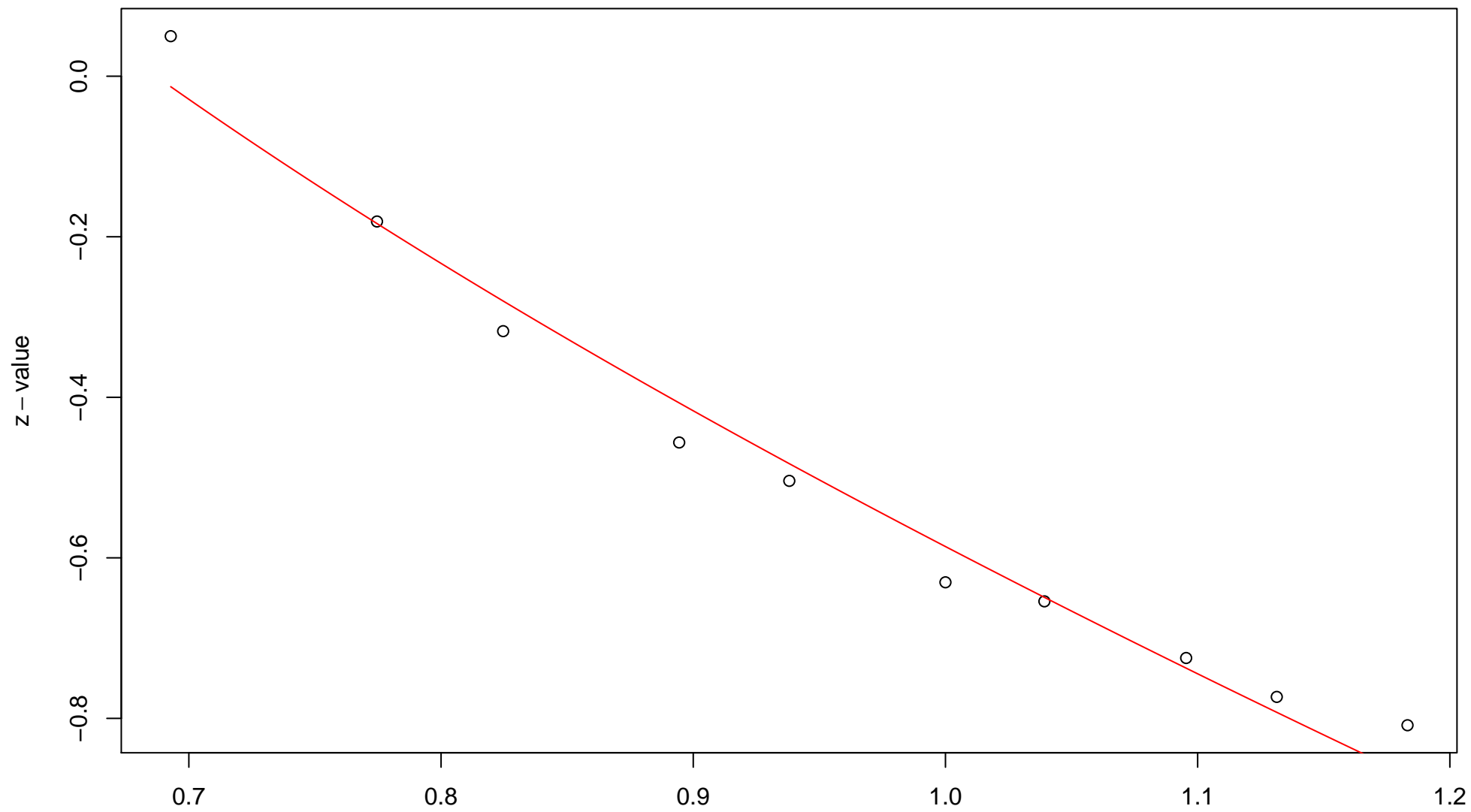


### 64th edge



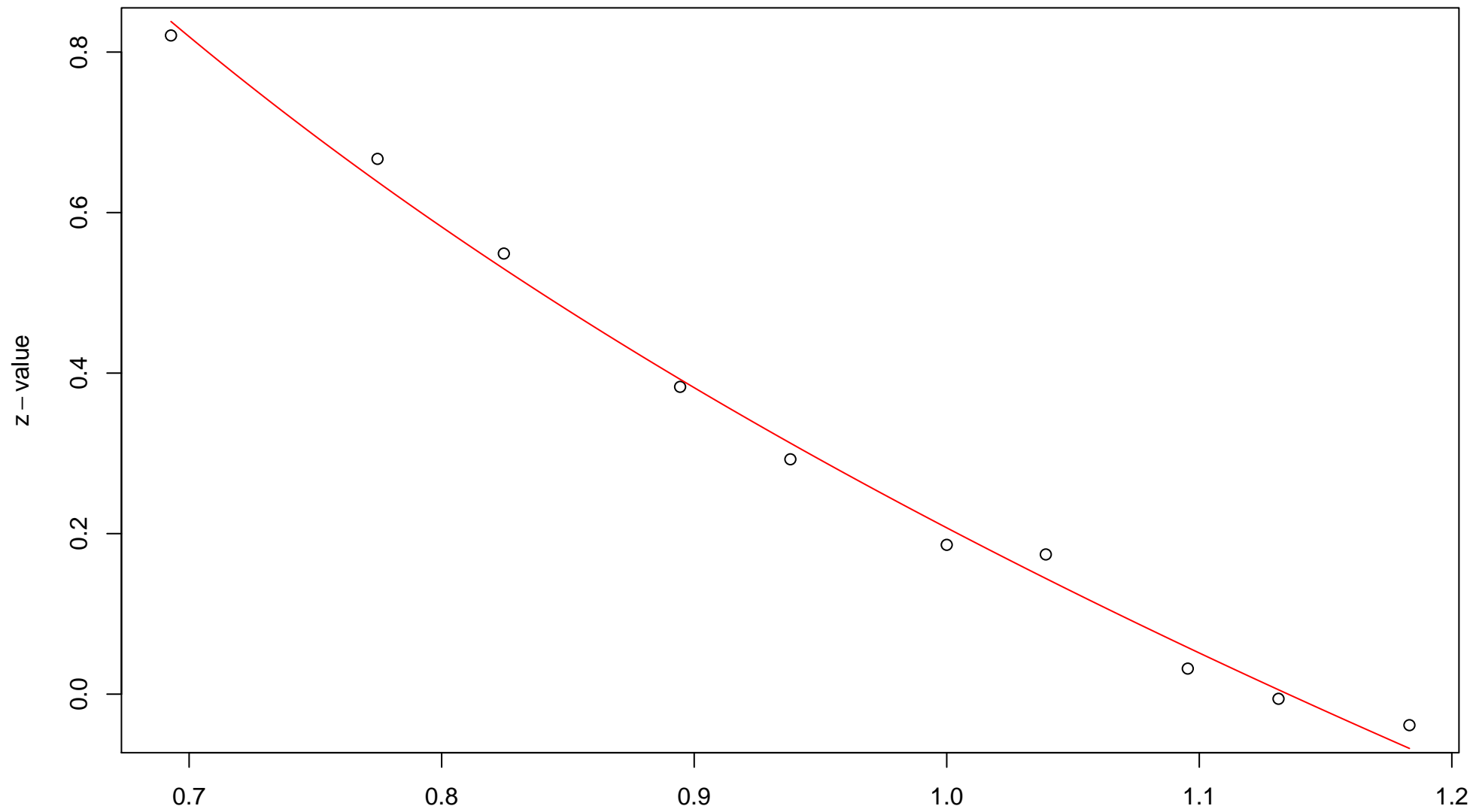
$\sqrt{r}$   
AU = 0.97 , BP = 0.27 ,  $v = -0.62$  , c = 1.22 , pchi = 0.5

### 65th edge



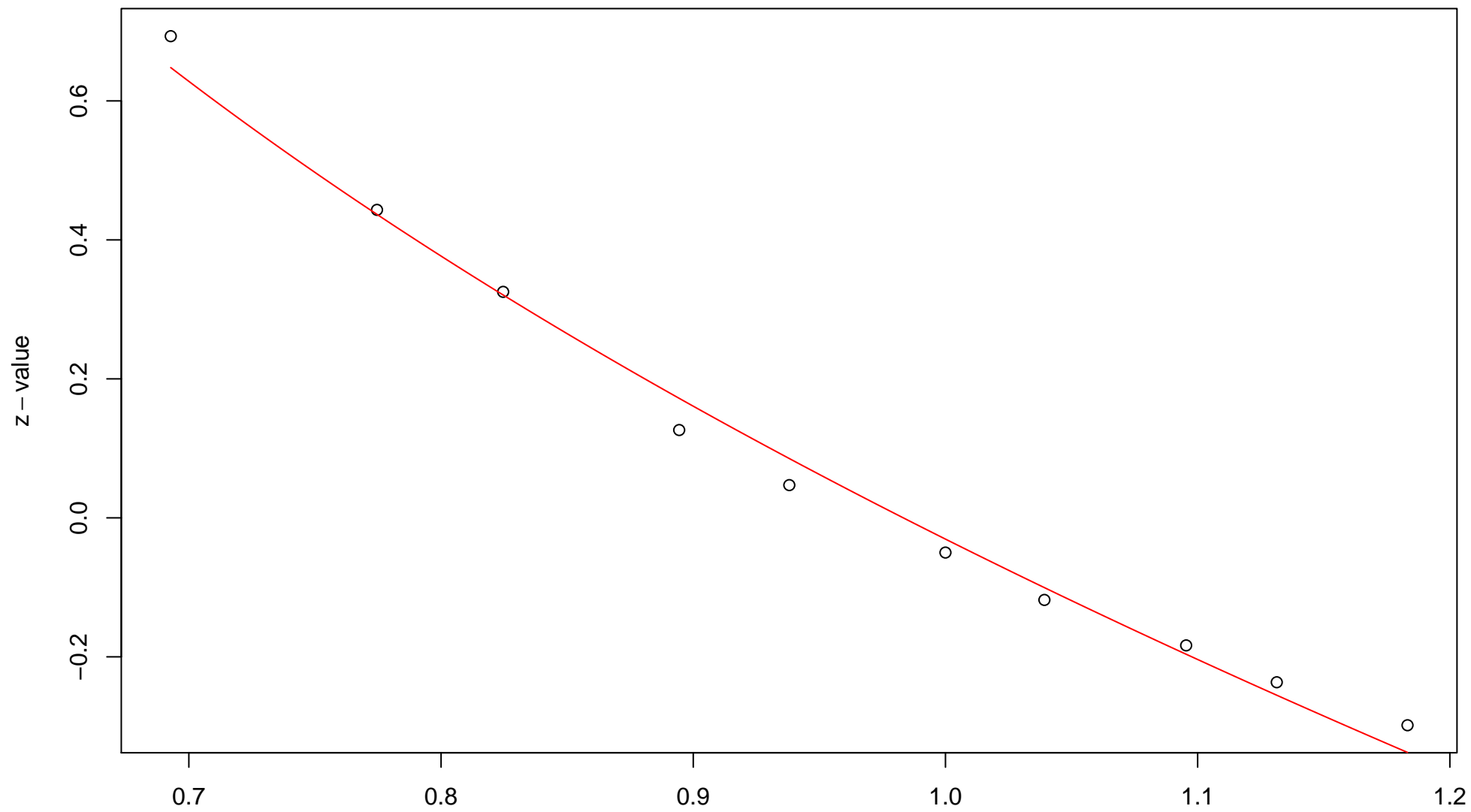
$\sqrt{r}$   
AU = 0.95 , BP = 0.72 ,  $v = -1.11$  ,  $c = 0.52$  ,  $pchi = 0$

### 66th edge



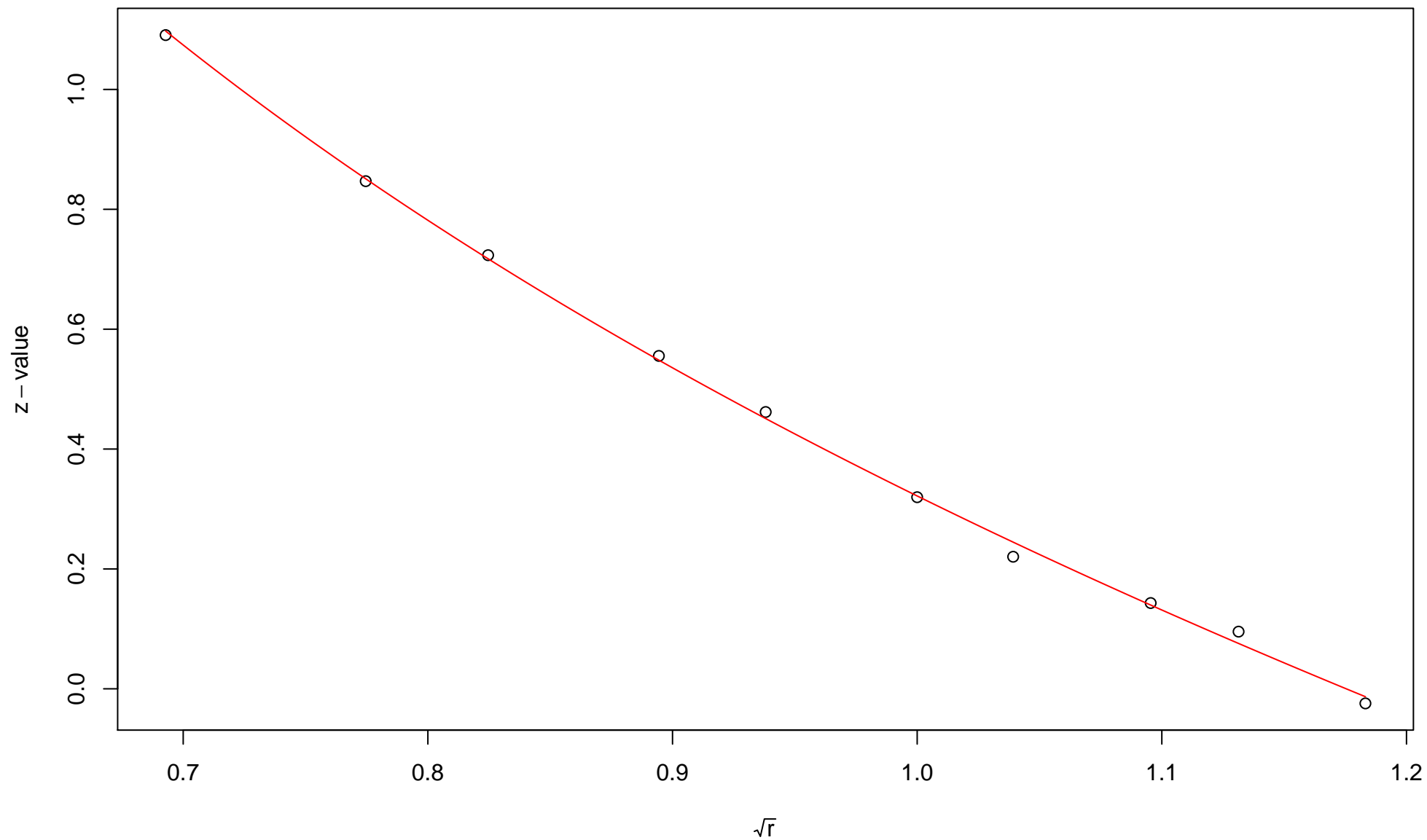
$\sqrt{r}$   
AU = 0.95 , BP = 0.42 , v = -0.72 , c = 0.93 , pchi = 0

### 67th edge



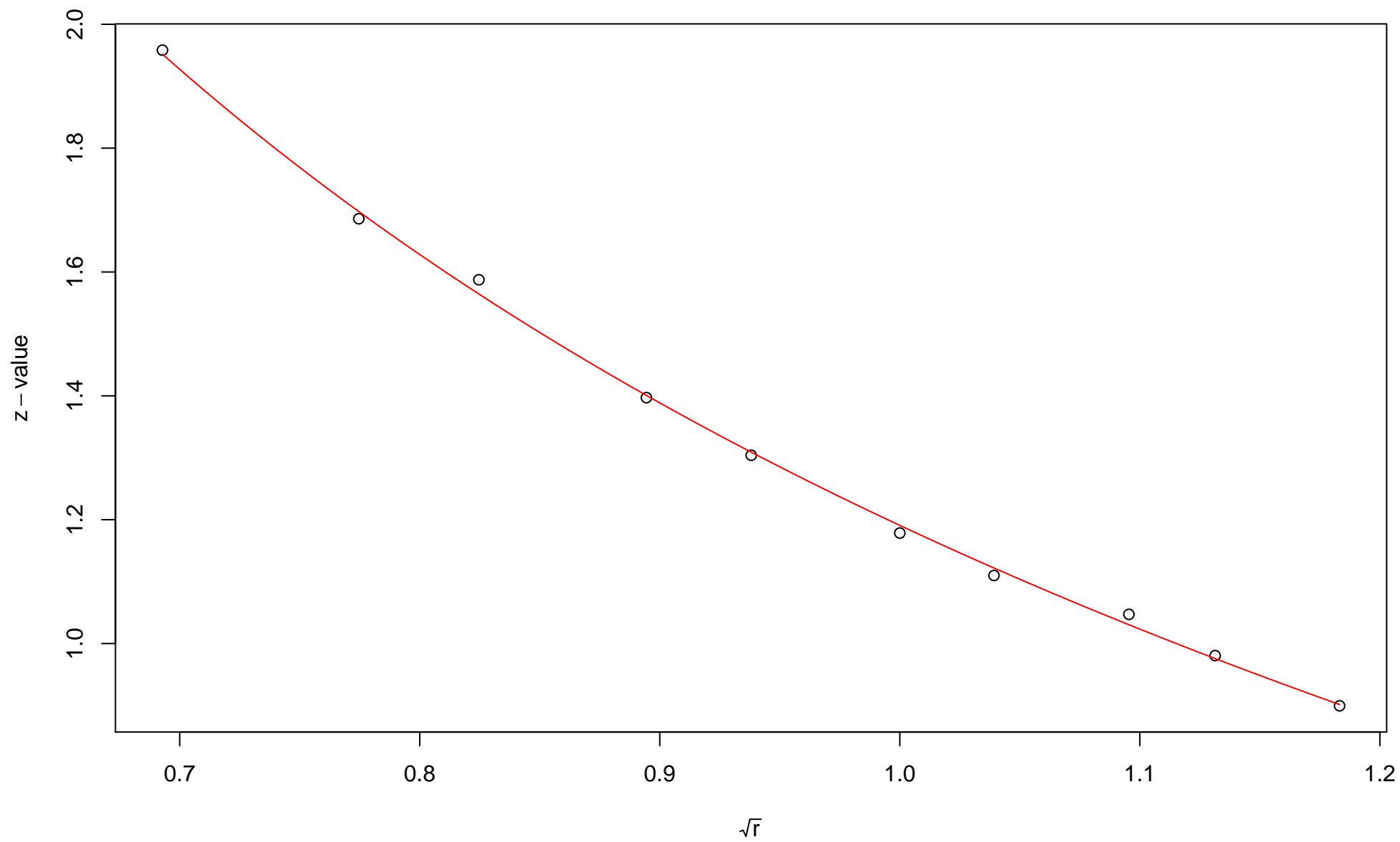
$\sqrt{r}$   
AU = 0.97 , BP = 0.51 , v = -0.92 , c = 0.89 , pchi = 0

### 68th edge



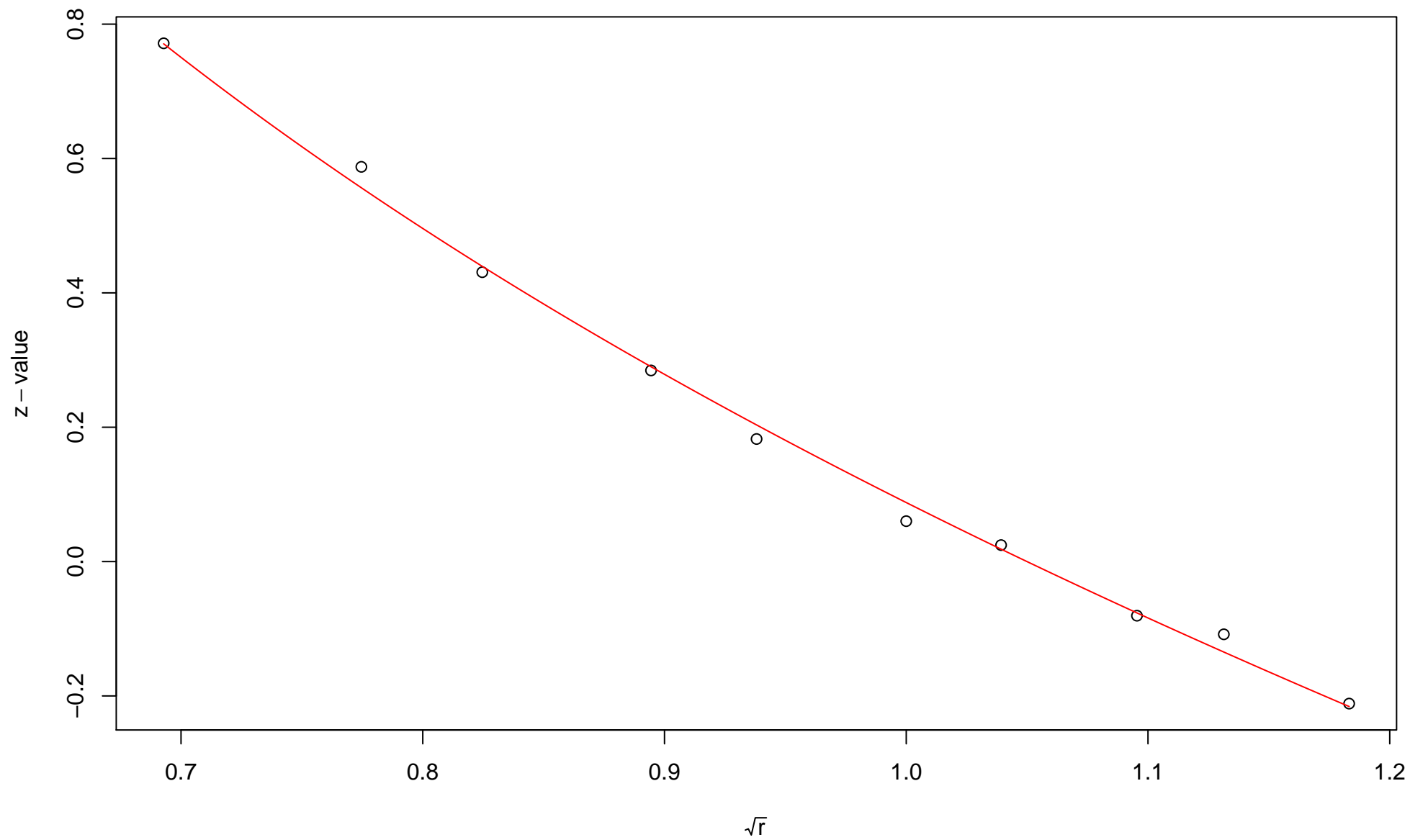
$\sqrt{r}$   
AU = 0.98 , BP = 0.37 ,  $v = -0.84$  ,  $c = 1.17$  , pchi = 0.39

### 69th edge



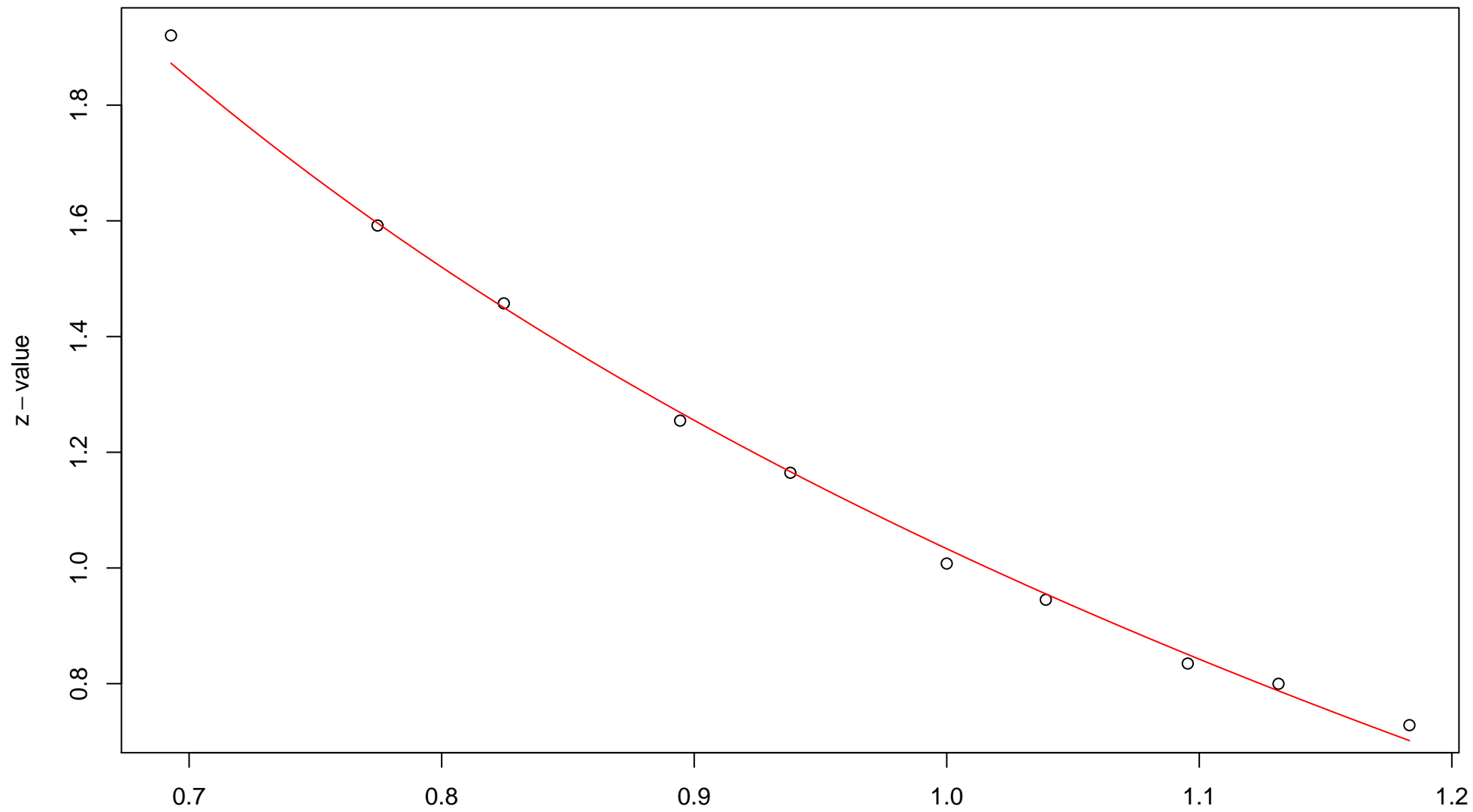
$\sqrt{r}$   
AU = 0.96 , BP = 0.12 ,  $v = -0.31$  ,  $c = 1.5$  , pchi = 0.84

# 70th edge



$\sqrt{r}$   
AU = 0.96 , BP = 0.46 ,  $v = -0.86$  ,  $c = 0.95$  , pchi = 0.02

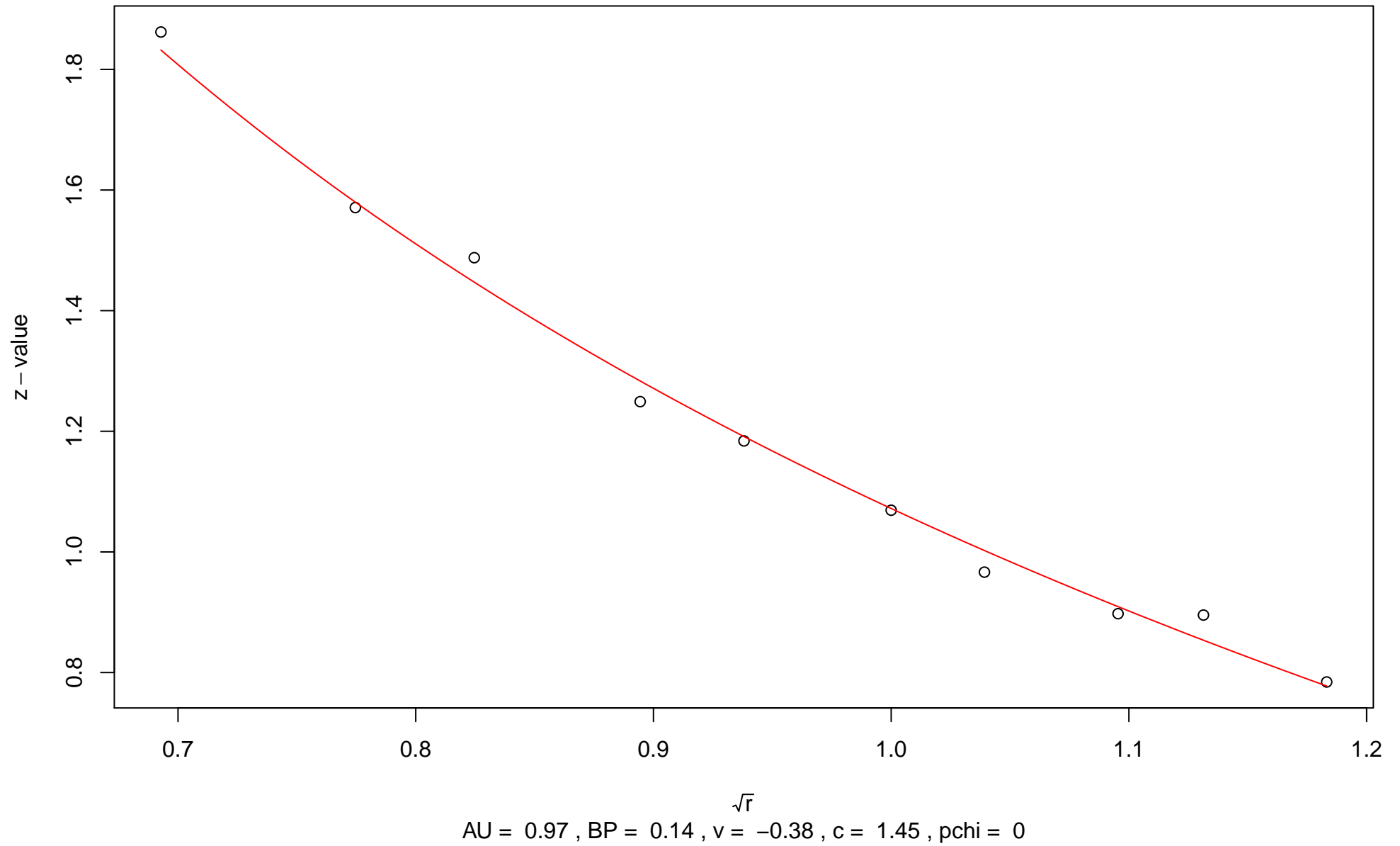
# 71st edge



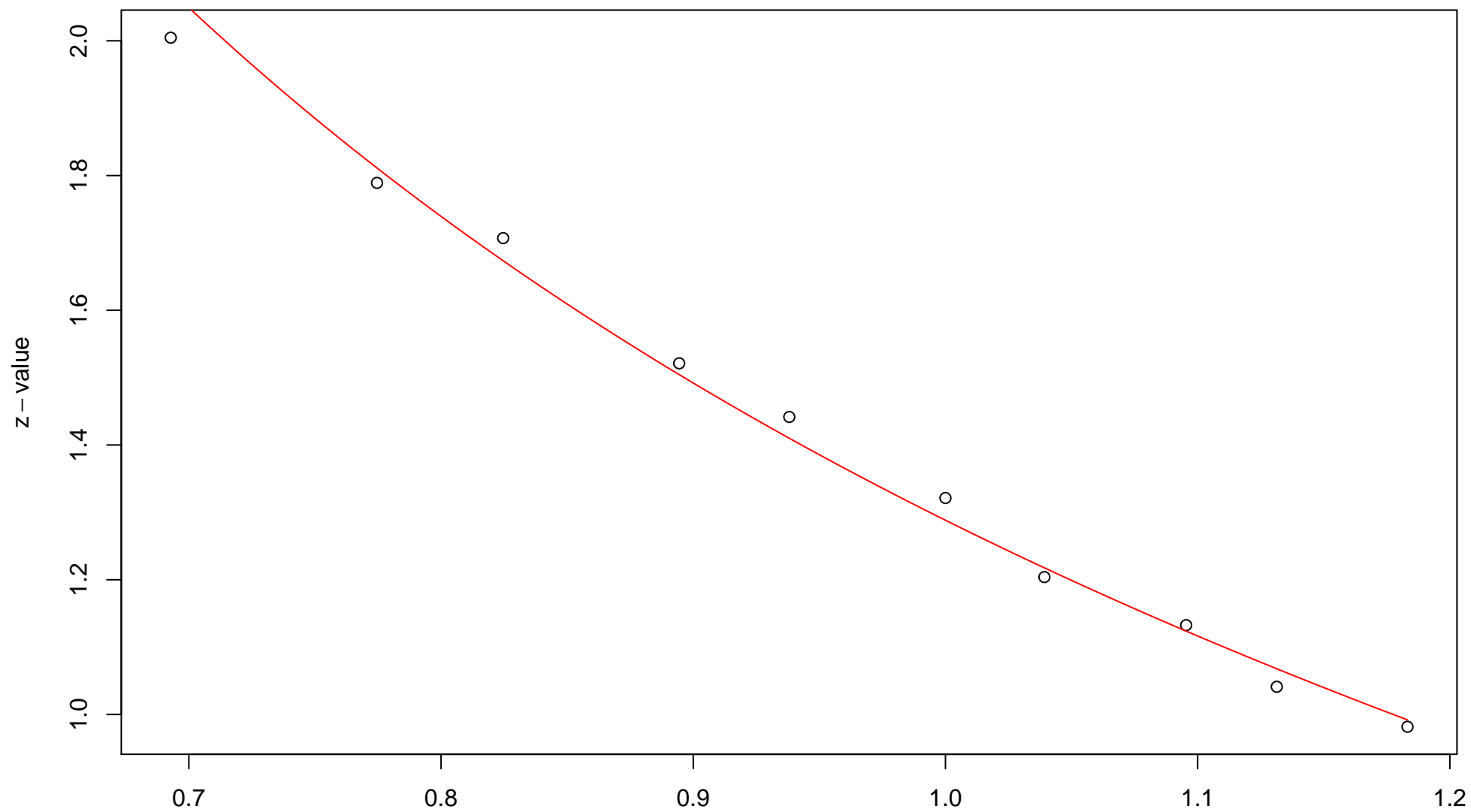
$\sqrt{r}$   
AU = 0.98 , BP = 0.15 ,  $v = -0.51$  ,  $c = 1.54$  ,  $pchi = 0.1$



## 72nd edge

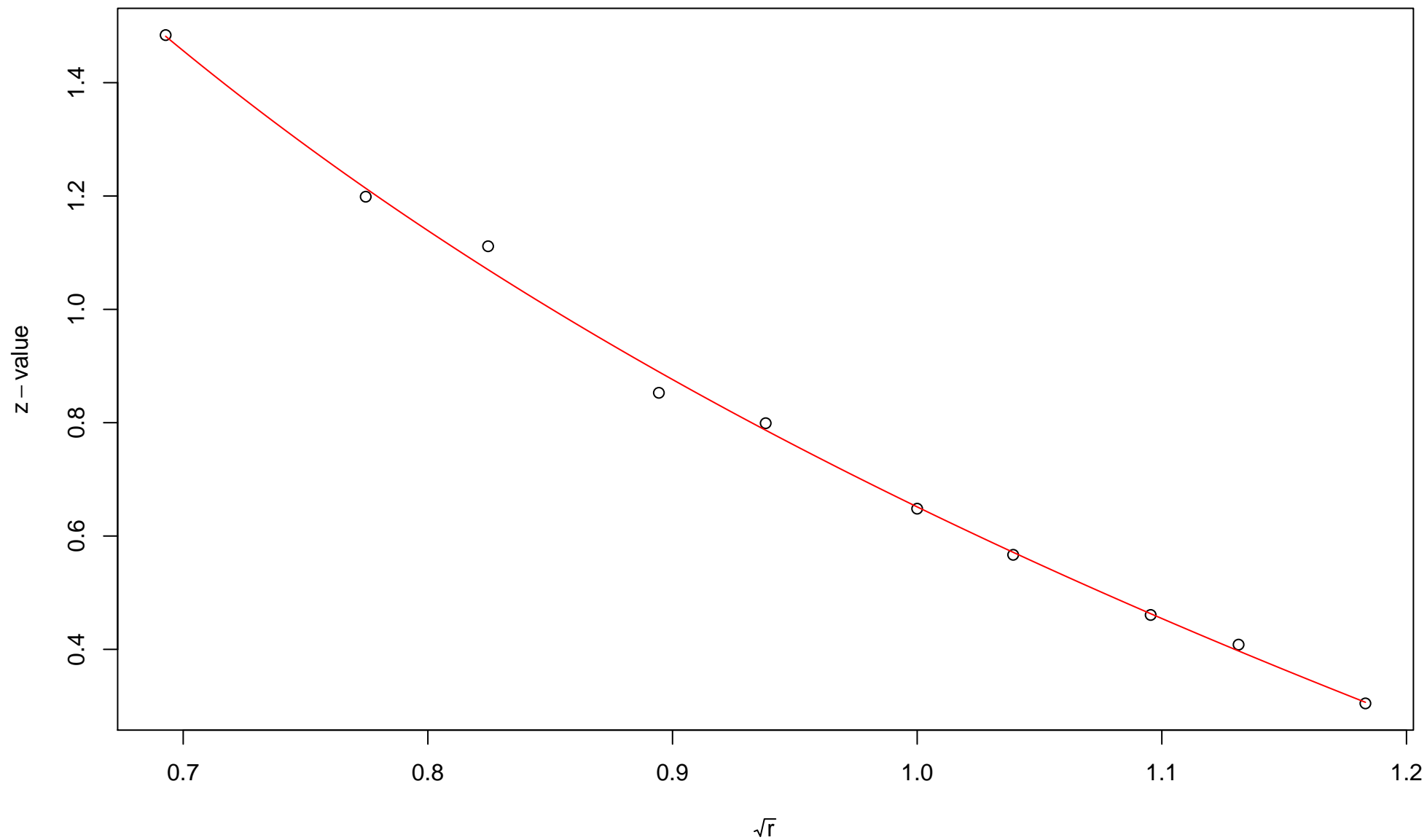


### 73rd edge



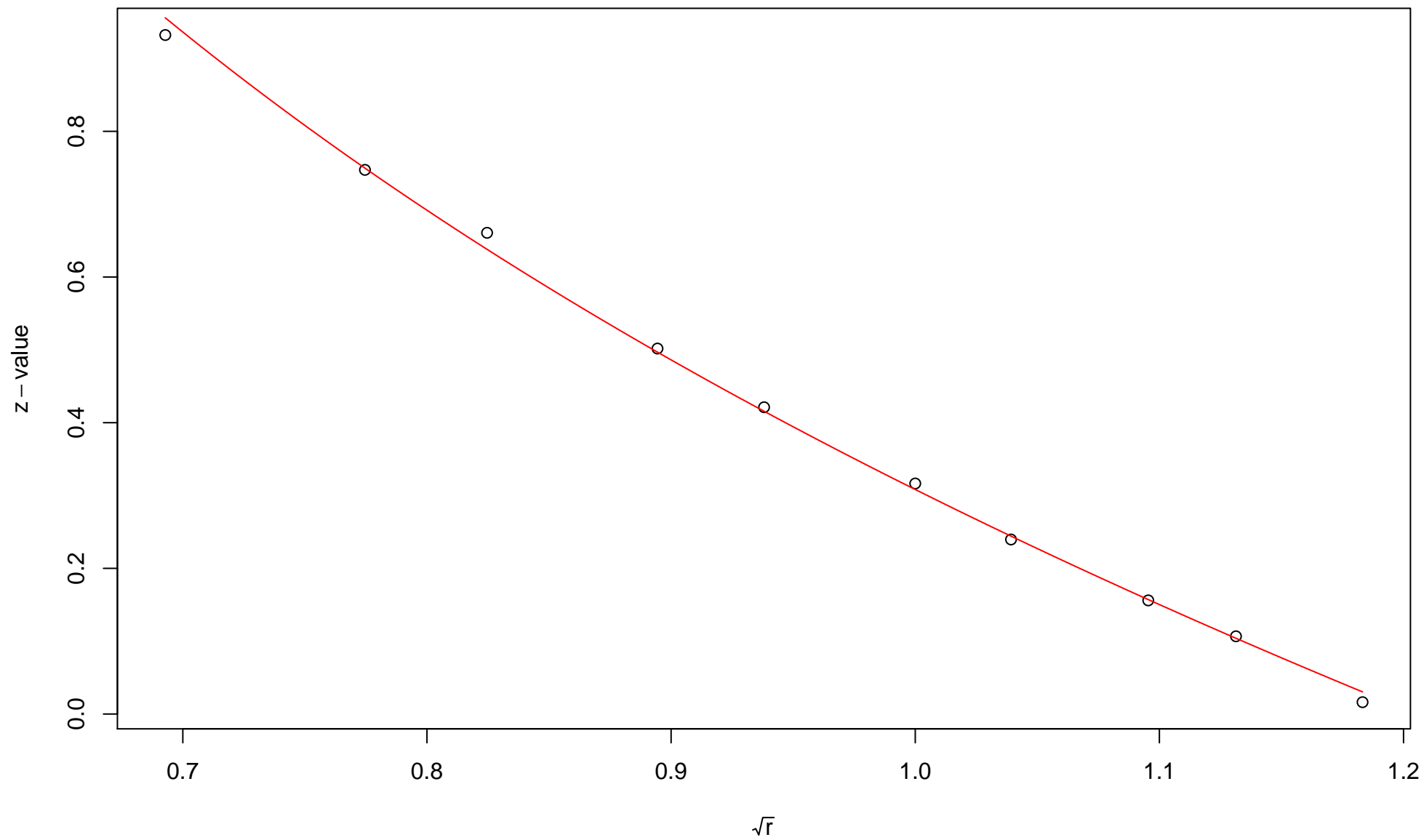
$\sqrt{r}$   
AU = 0.97 , BP = 0.1 , v = -0.29 , c = 1.57 , pchi = 0.01

### 74th edge



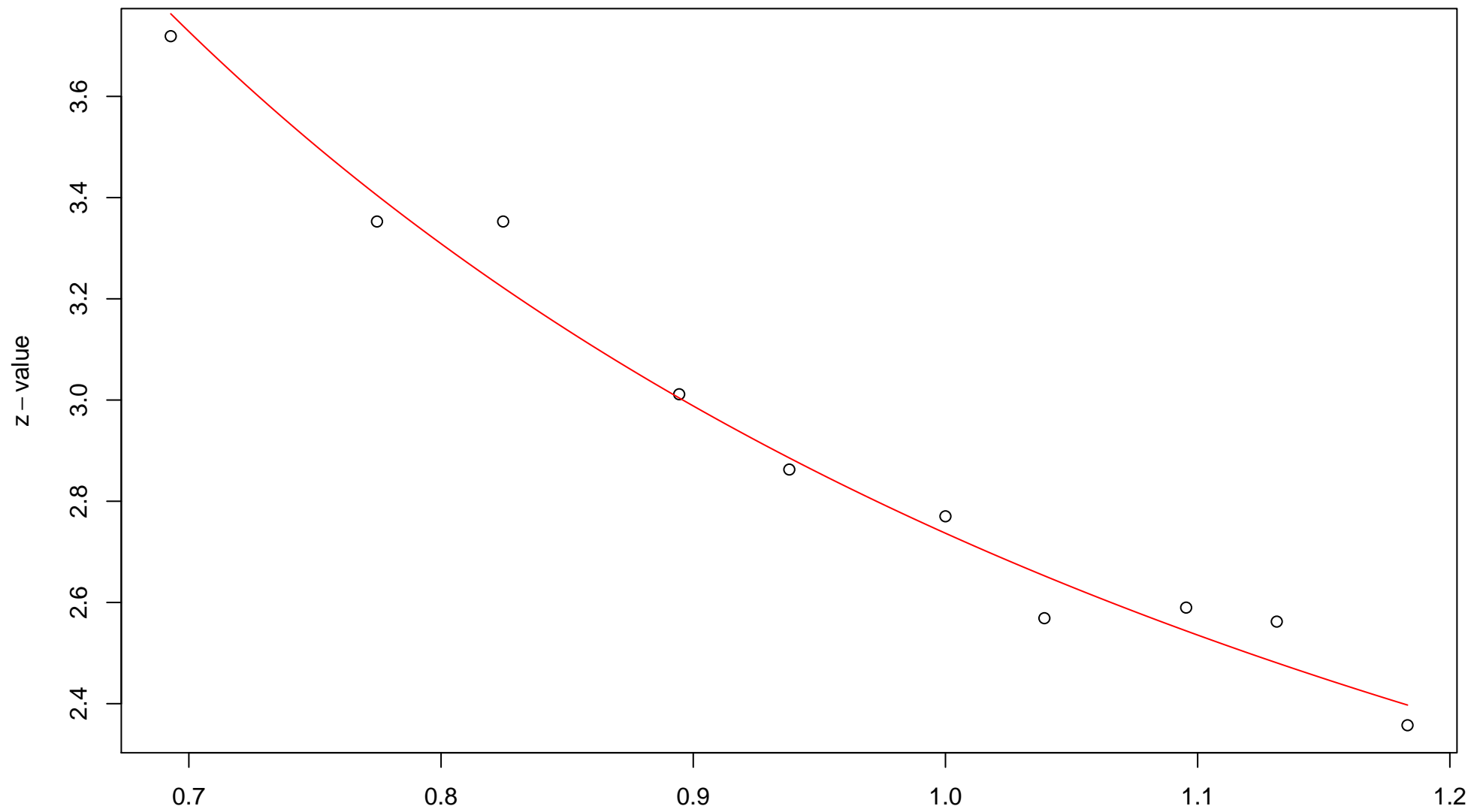
$\sqrt{r}$   
AU = 0.98 , BP = 0.26 ,  $v = -0.72$  ,  $c = 1.37$  , pchi = 0.04

### 75th edge



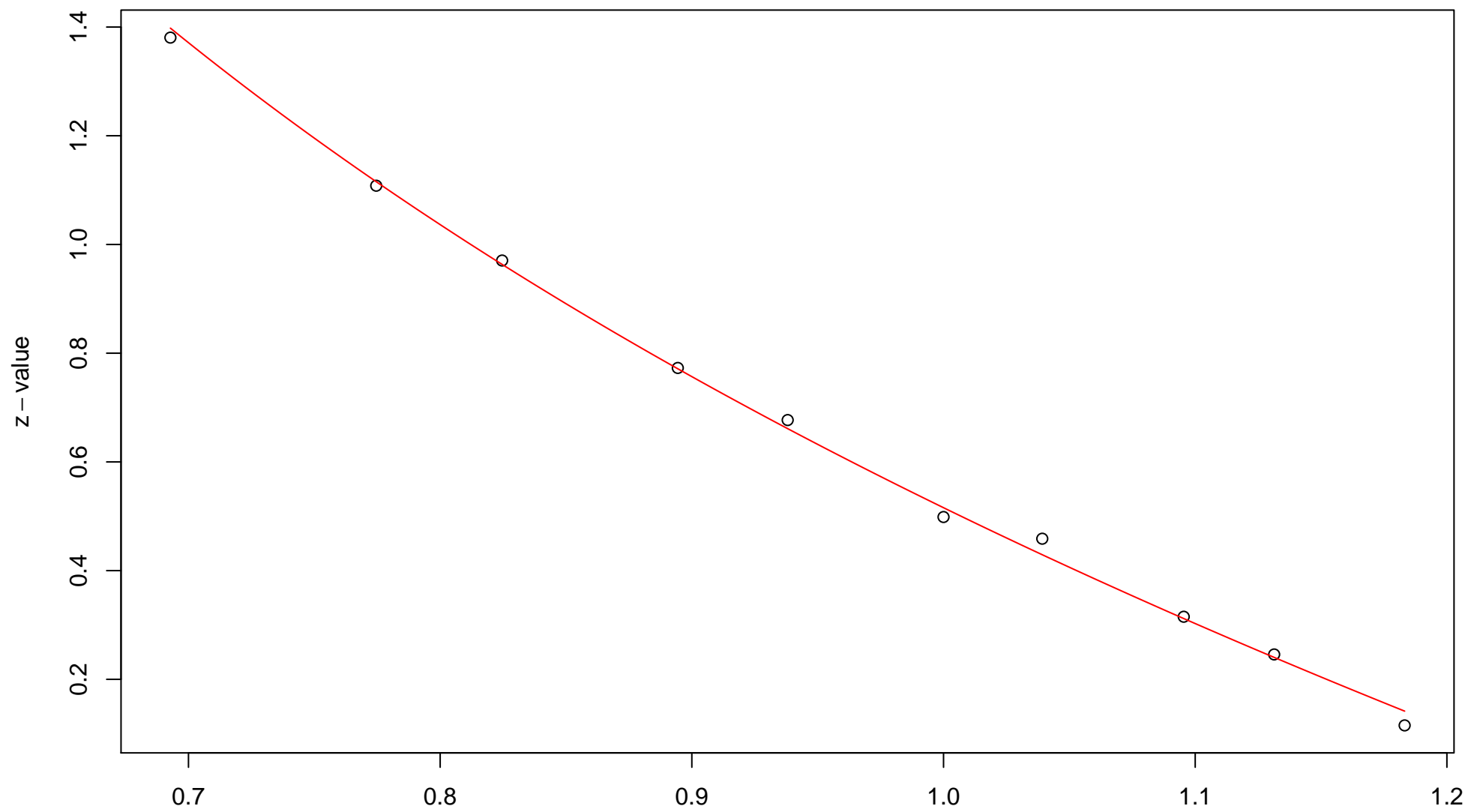
$\sqrt{r}$   
AU = 0.95 , BP = 0.38 ,  $v = -0.68$  ,  $c = 0.99$  , pchi = 0.47

### 76th edge



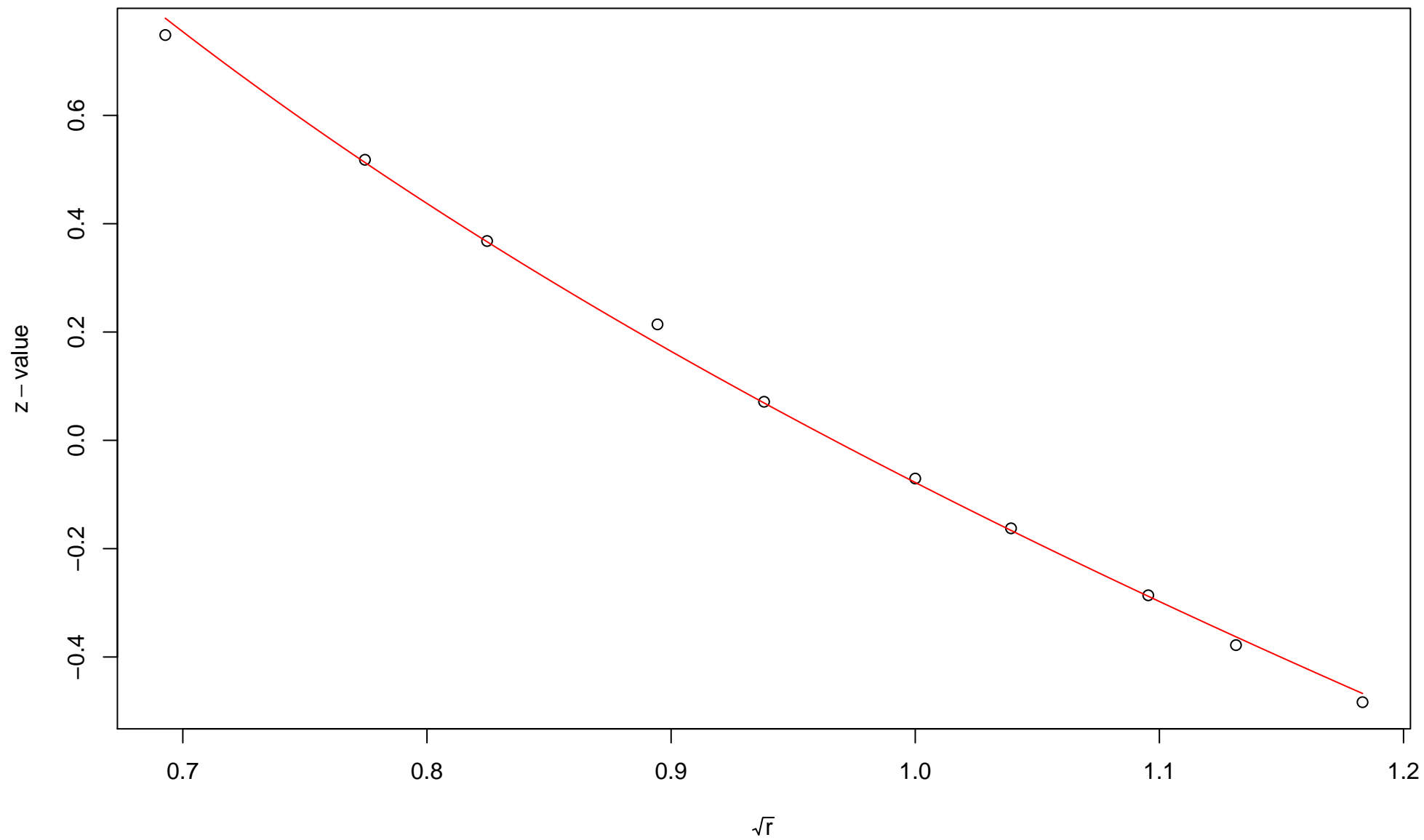
$\sqrt{r}$   
AU = 0.99 , BP = 0 ,  $v = 0.25$  ,  $c = 2.49$  , pchi = 0.32

### 77th edge



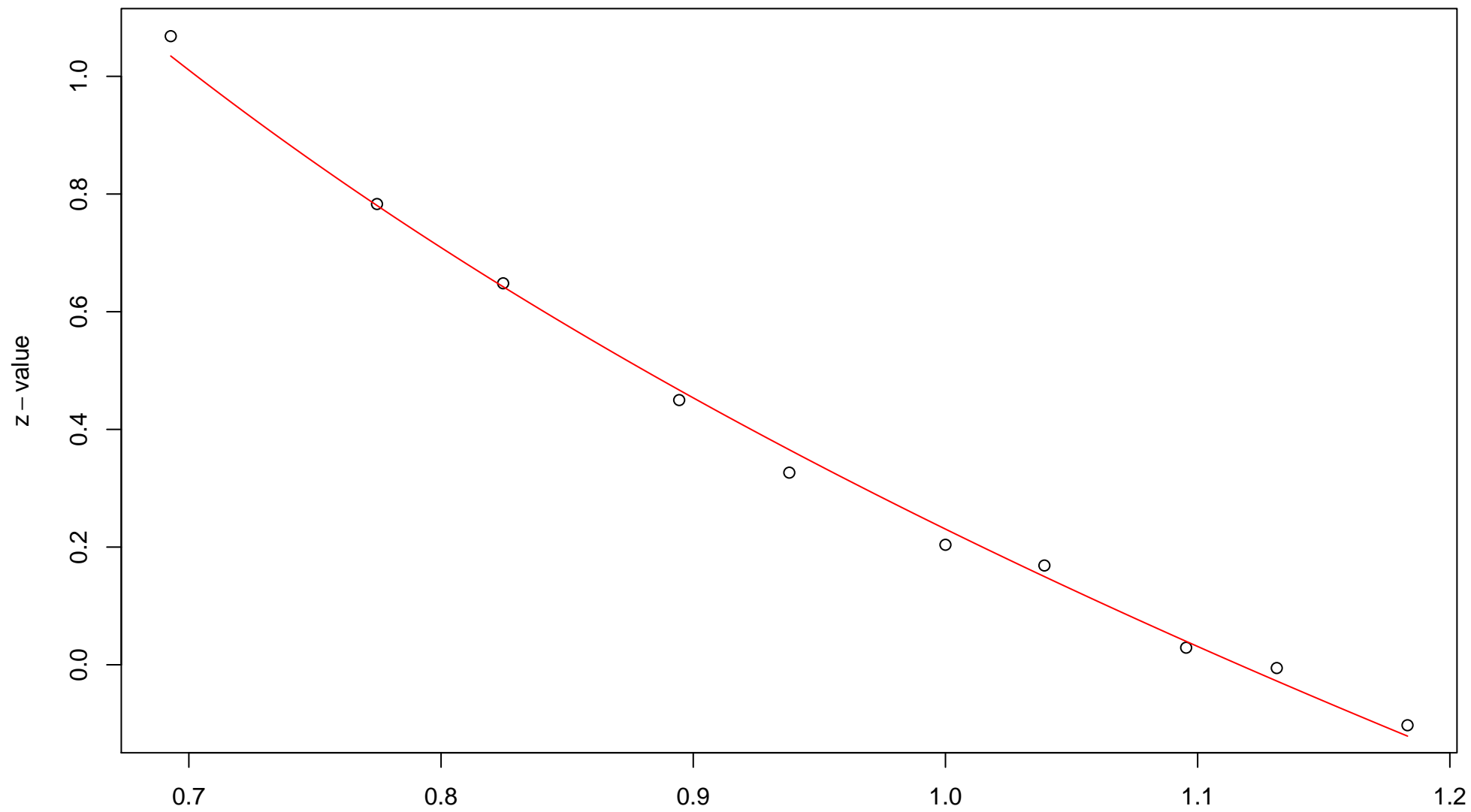
$\sqrt{r}$   
AU = 0.99 , BP = 0.3 , v = -0.87 , c = 1.39 , pchi = 0.08

### 78th edge



$\sqrt{r}$   
AU = 0.99 , BP = 0.53 ,  $v = -1.19$  , c = 1.11 , pchi = 0.04

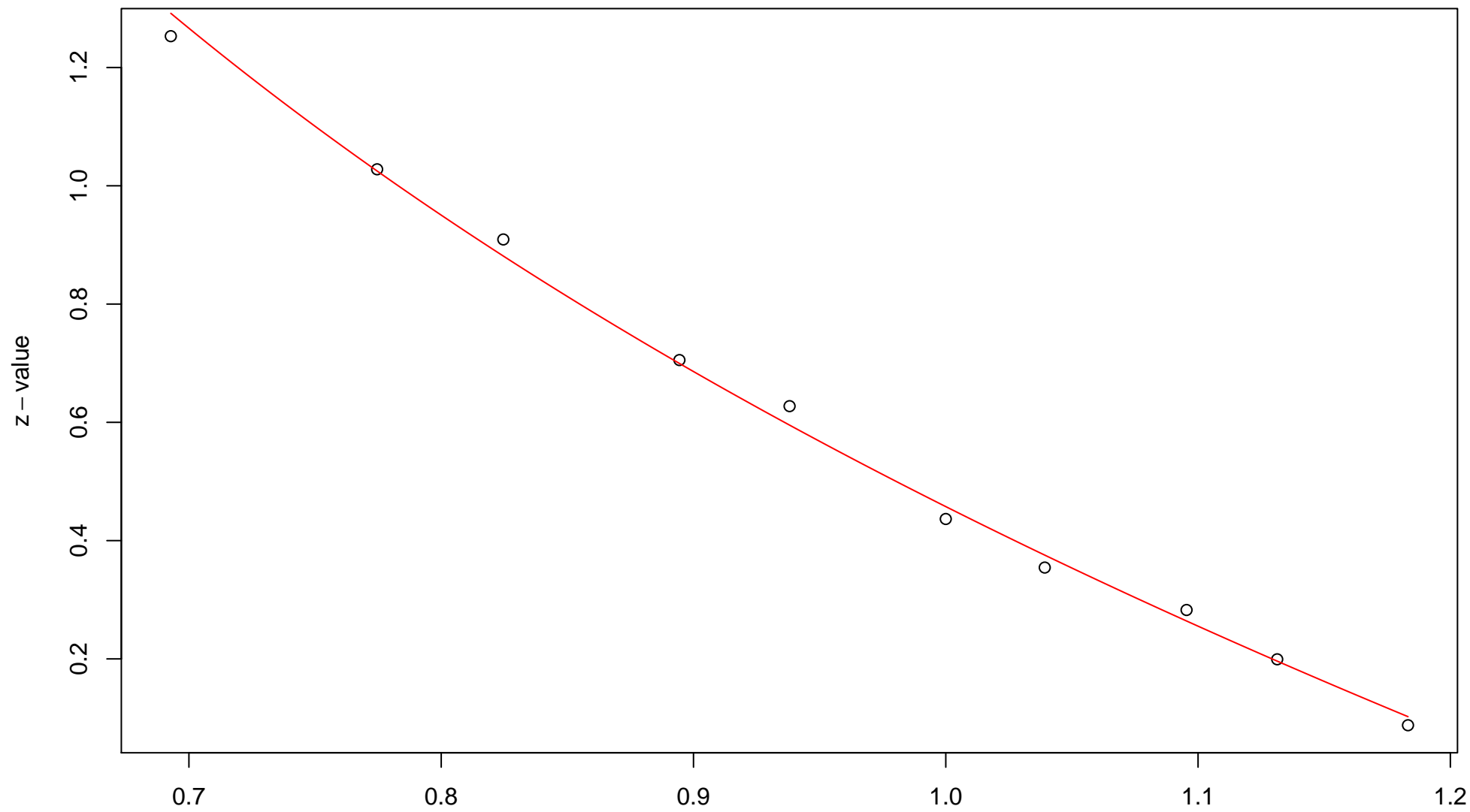
### 79th edge



$\sqrt{r}$   
AU = 0.98 , BP = 0.41 ,  $v = -0.94$  ,  $c = 1.17$  ,  $pchi = 0$

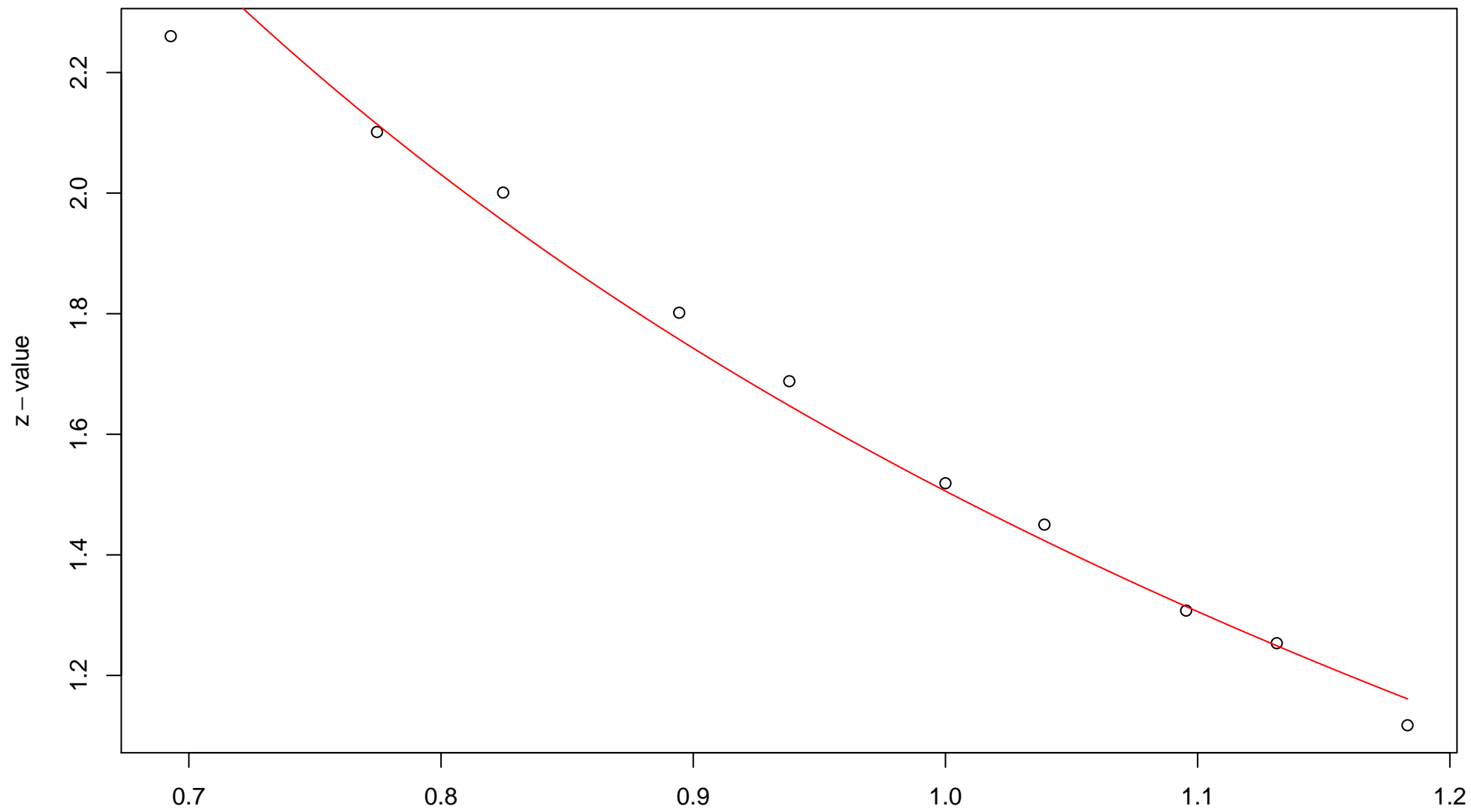


# 80th edge



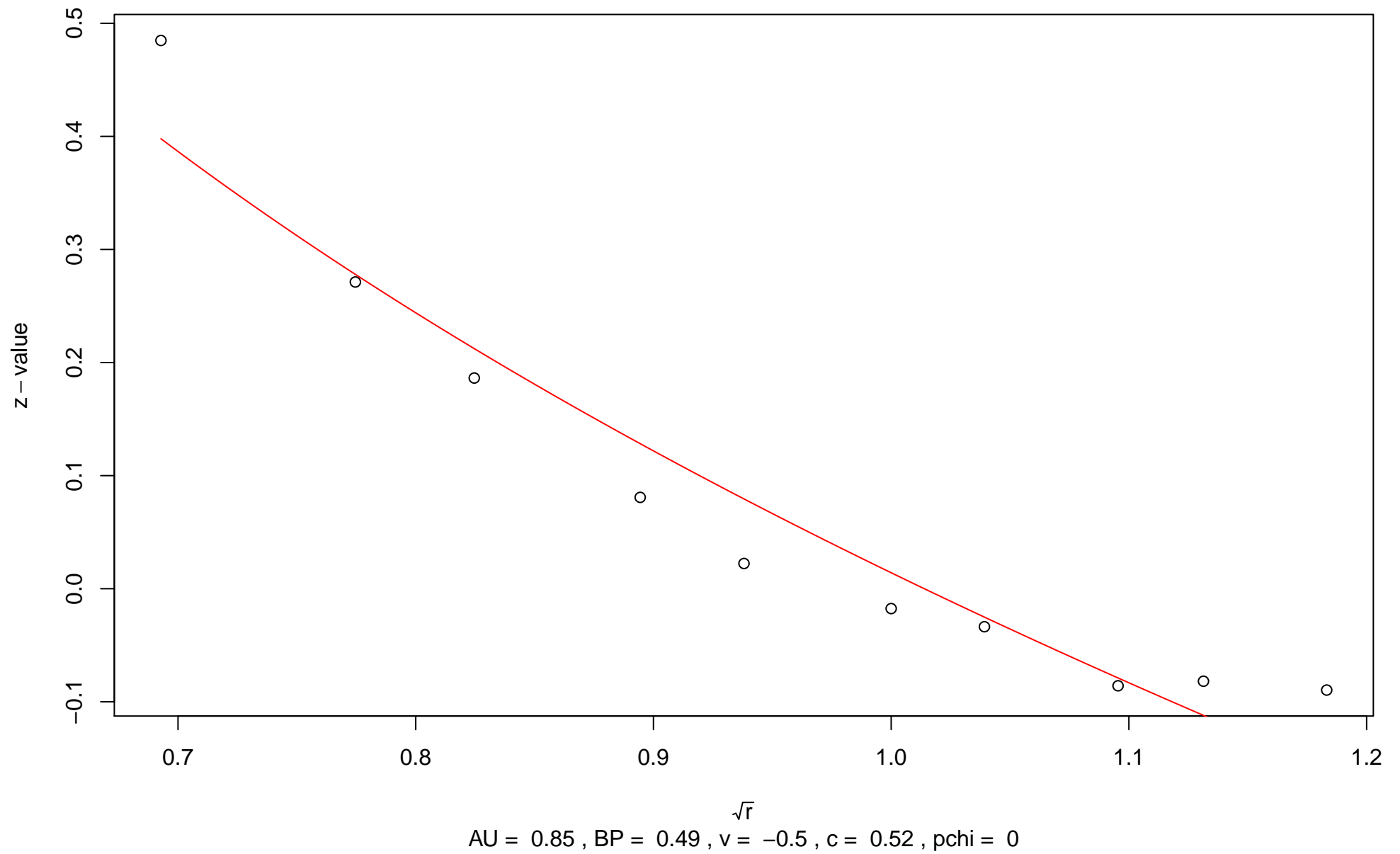
$\sqrt{r}$   
AU = 0.98 , BP = 0.32 ,  $v = -0.84$  ,  $c = 1.3$  ,  $pchi = 0$

### 81st edge

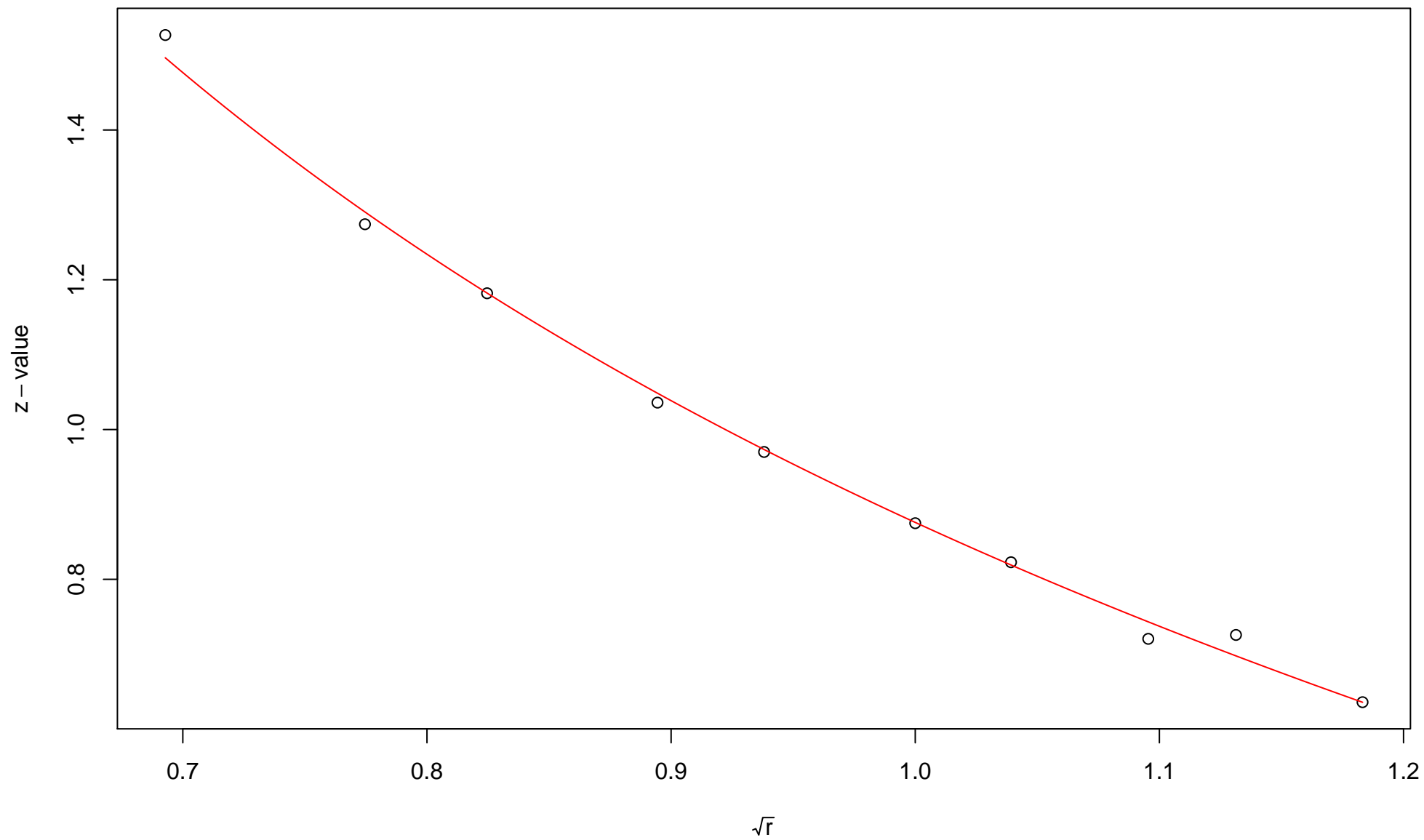


$\sqrt{r}$   
AU = 0.98 , BP = 0.07 , v = -0.33 , c = 1.84 , pchi = 0

### 82nd edge

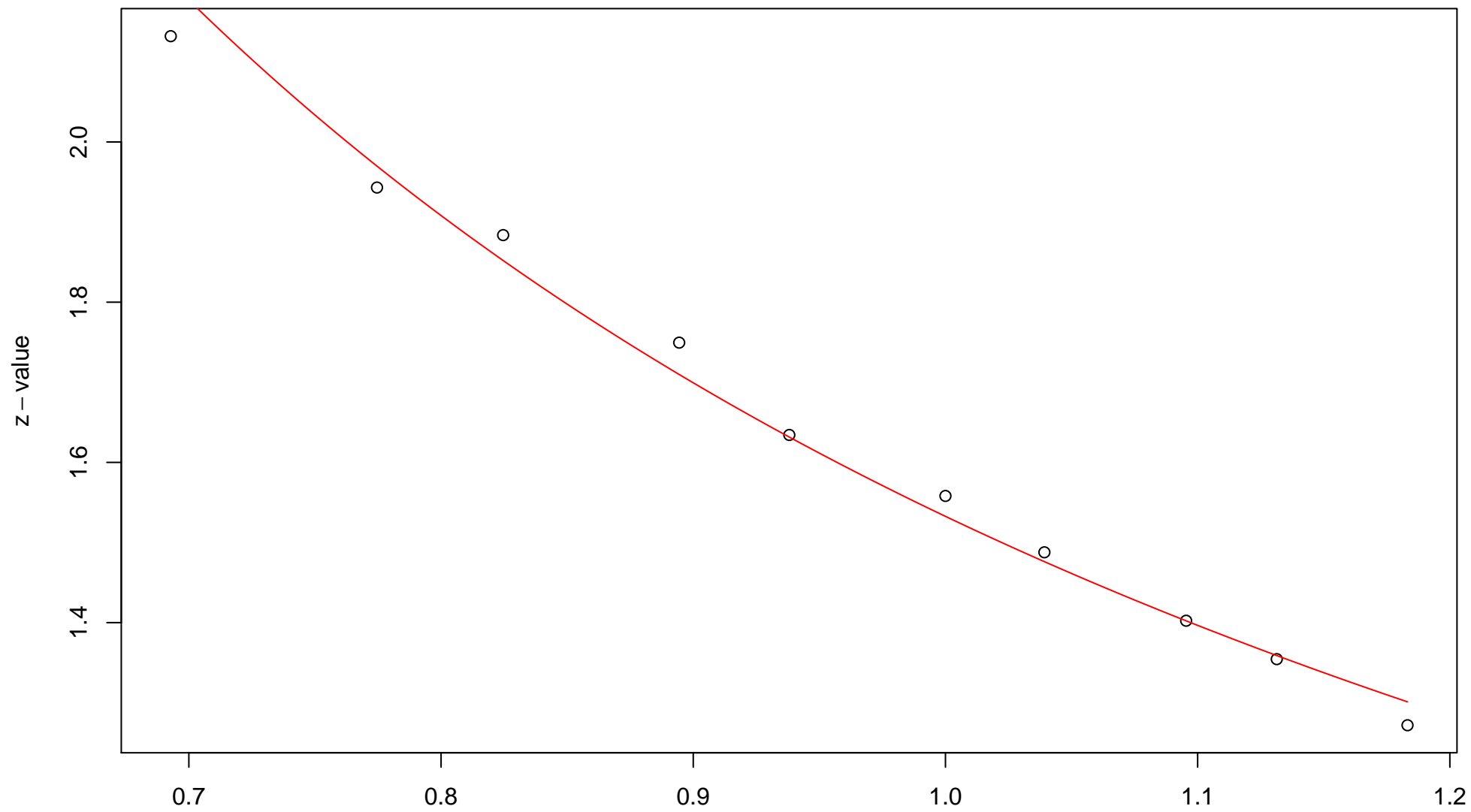


### 83rd edge



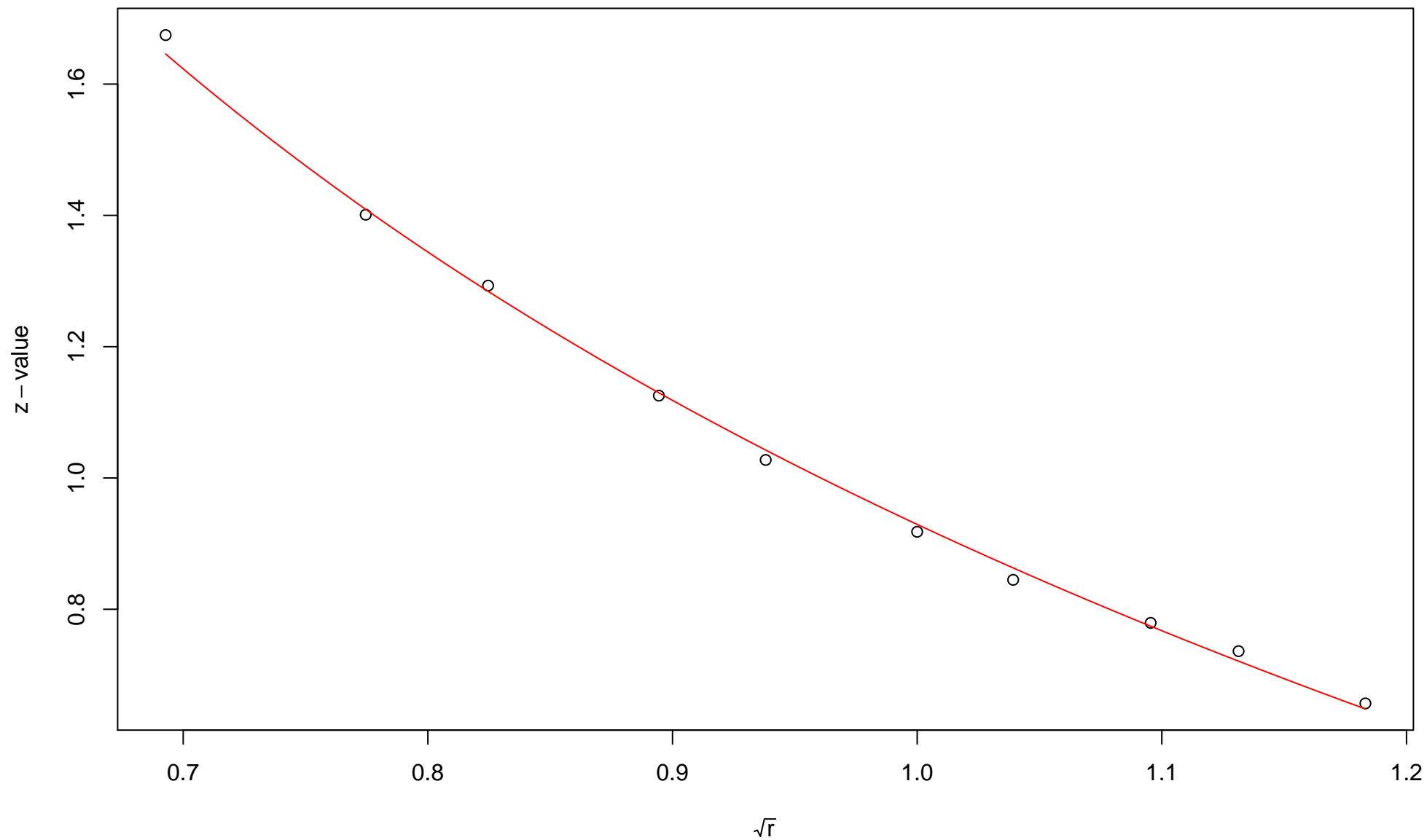
$\sqrt{r}$   
AU = 0.93 , BP = 0.19 ,  $v = -0.31$  ,  $c = 1.19$  , pchi = 0.21

### 84th edge



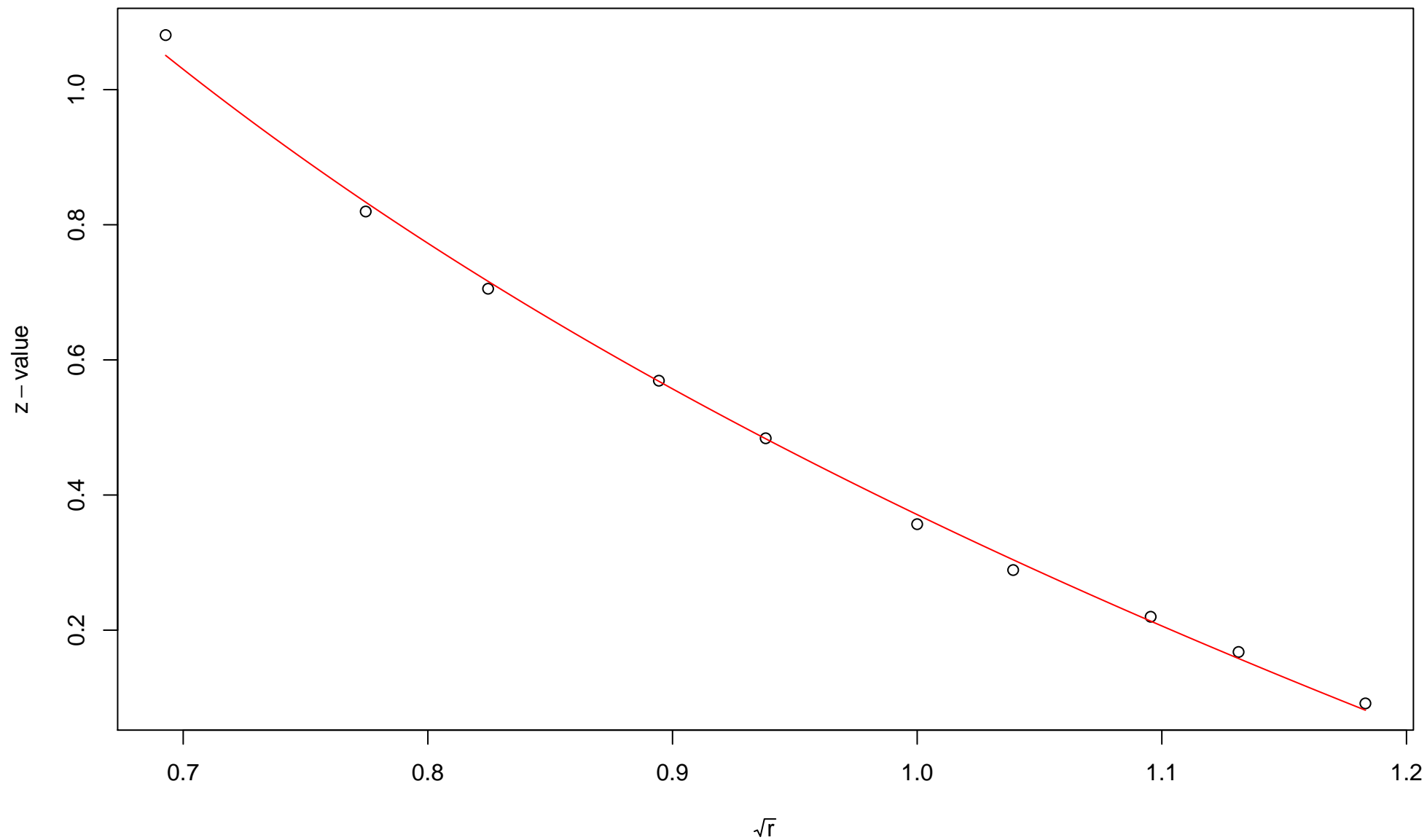
$\sqrt{r}$   
AU = 0.93 , BP = 0.06 ,  $v = 0.02$  ,  $c = 1.52$  , pchi = 0.05

### 85th edge



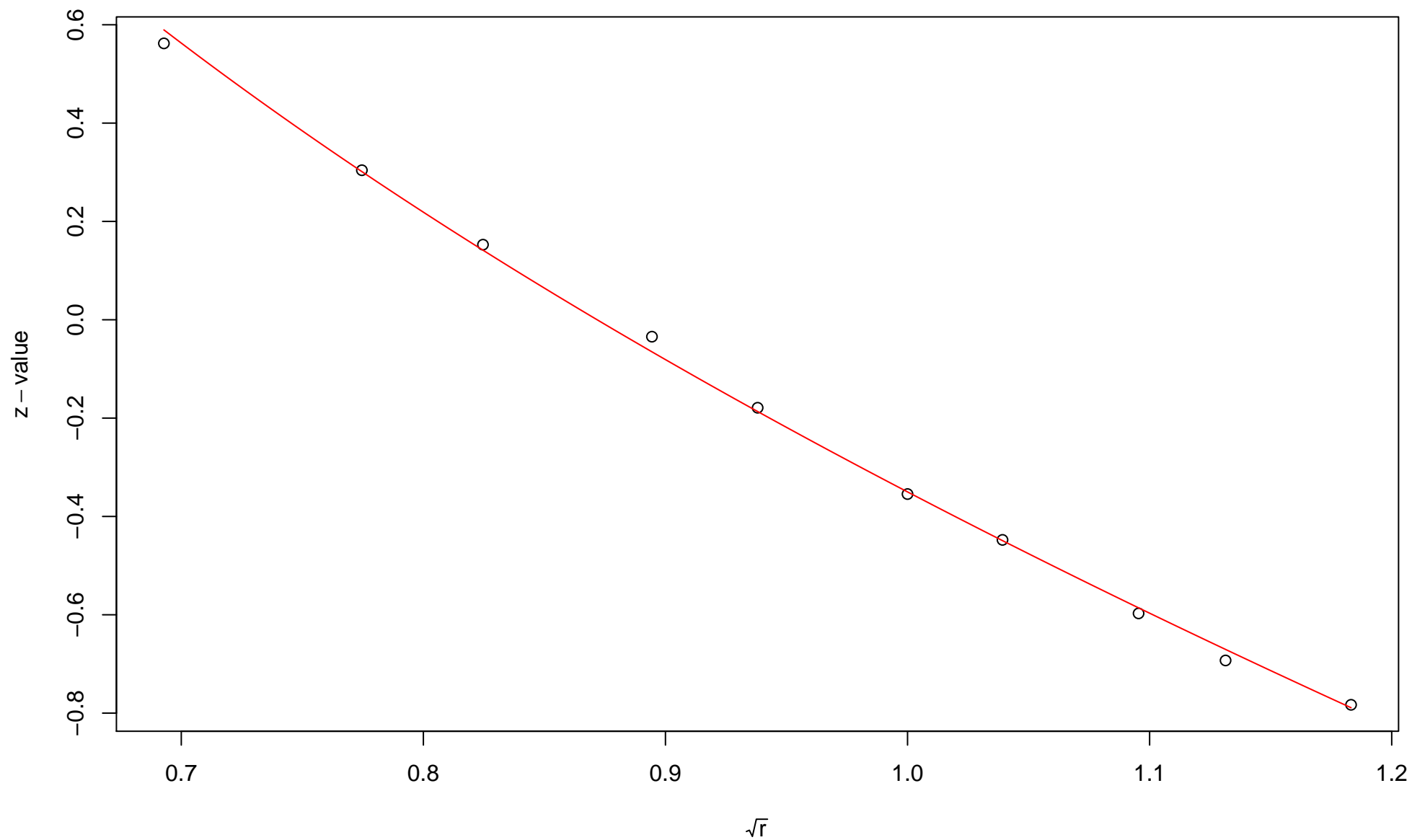
$\sqrt{r}$   
AU = 0.96 , BP = 0.18 ,  $v = -0.41$  ,  $c = 1.34$  , pchi = 0.51

### 86th edge



$\sqrt{r}$   
AU = 0.96 , BP = 0.36 ,  $v = -0.69$  ,  $c = 1.06$  ,  $pchi = 0.31$

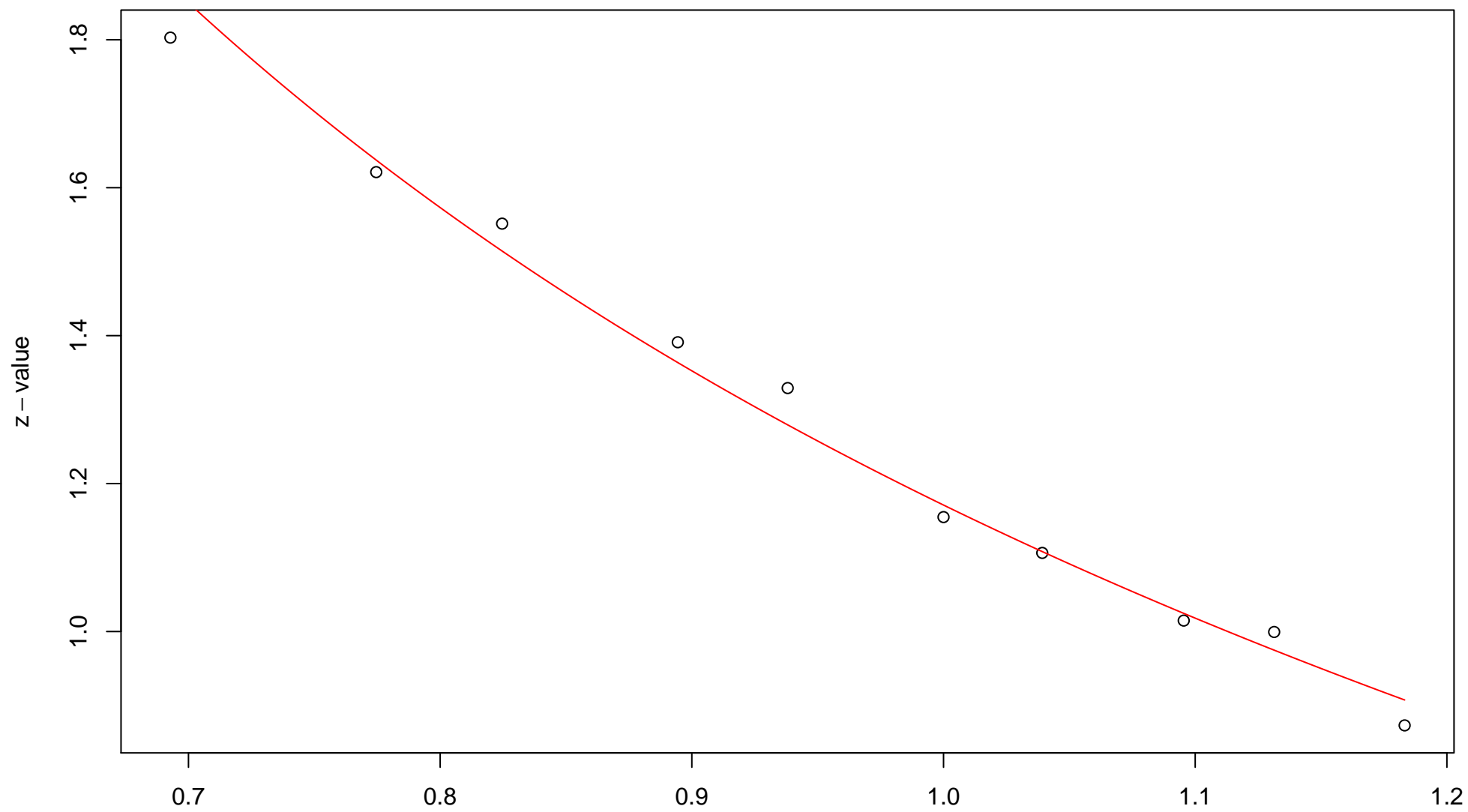
### 87th edge



$\sqrt{r}$   
AU = 0.99 , BP = 0.64 ,  $v = -1.46$  ,  $c = 1.11$  ,  $pchi = 0.05$

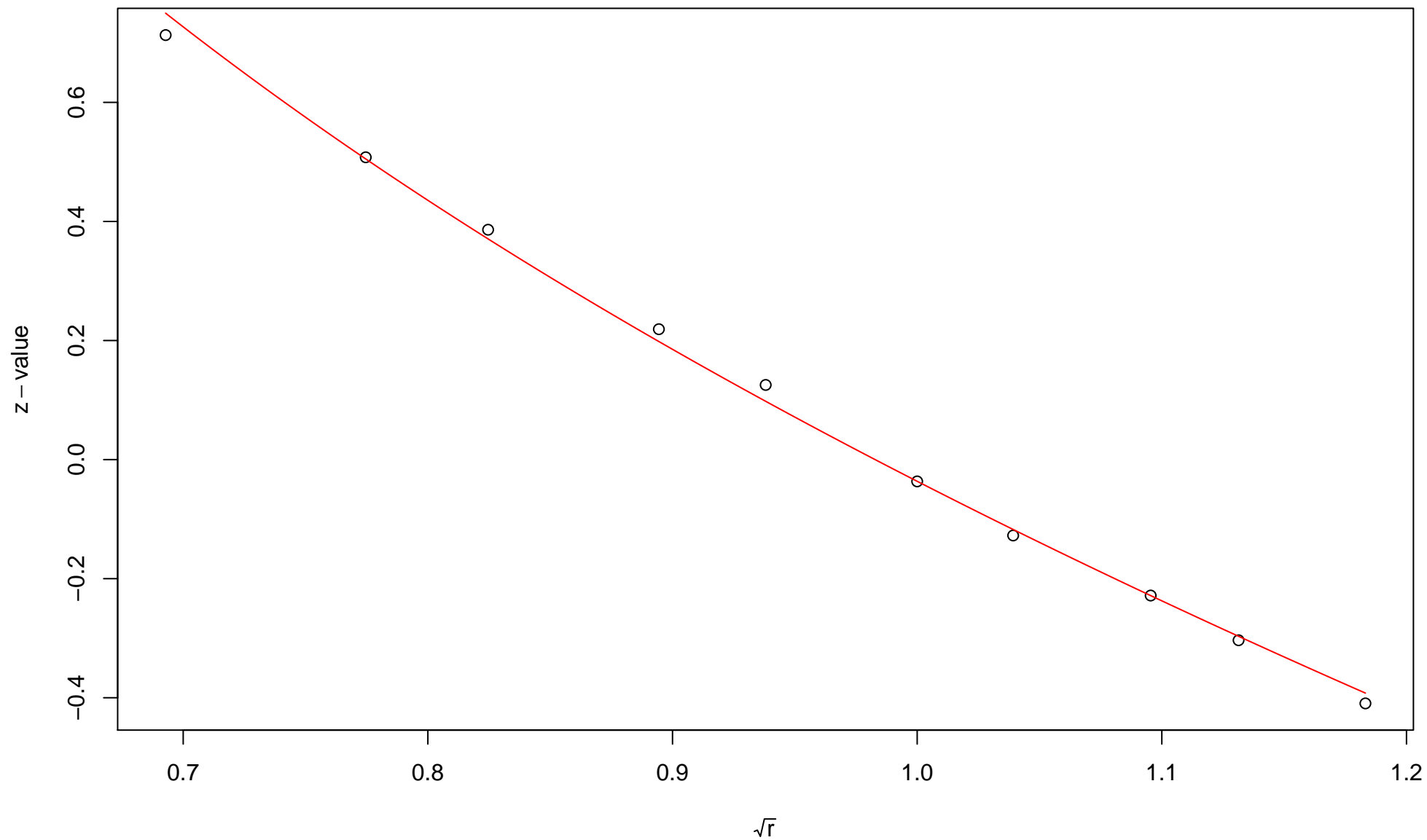


### 88th edge



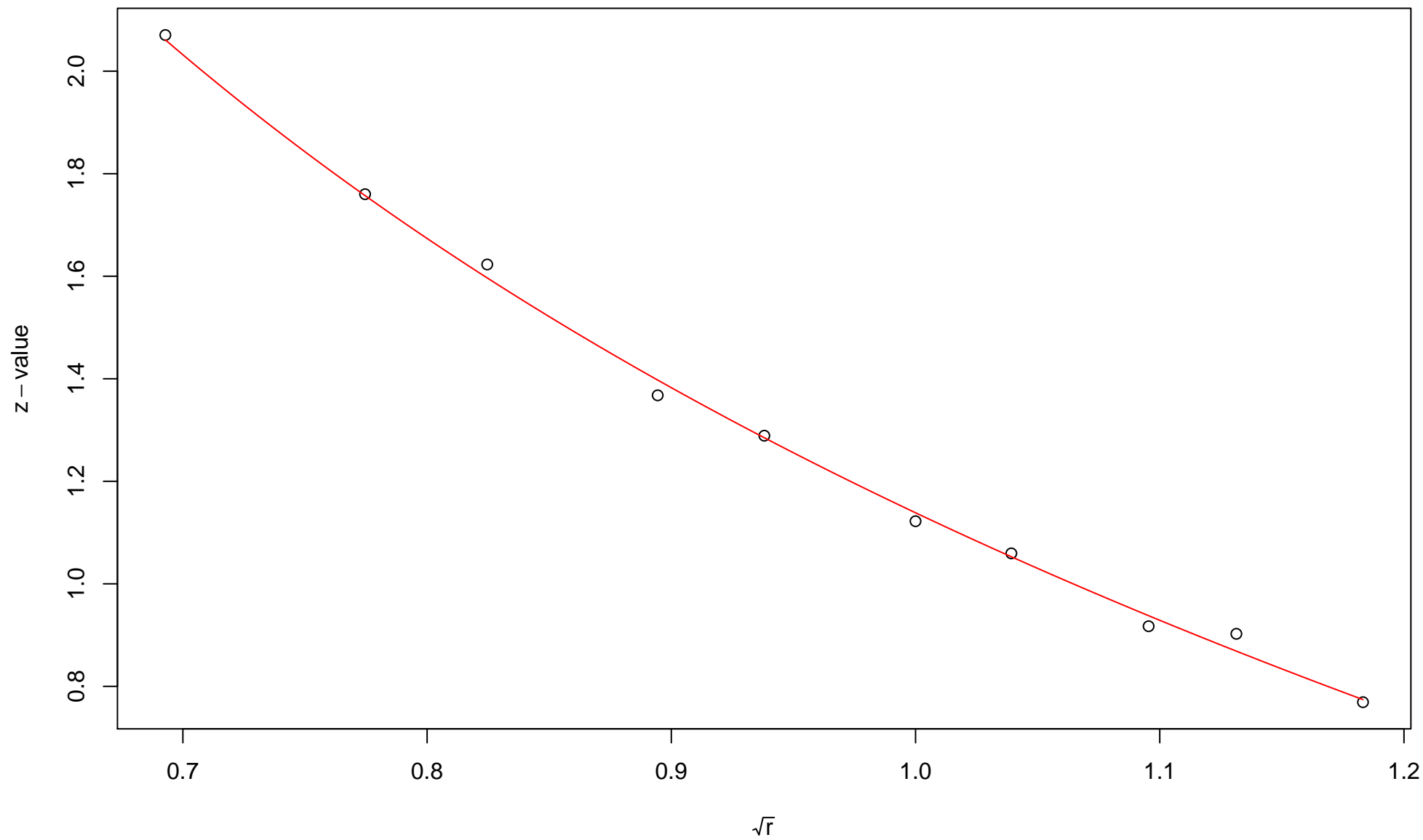
$\sqrt{r}$   
AU = 0.95 , BP = 0.12 , v = -0.24 , c = 1.41 , pchi = 0

### 89th edge



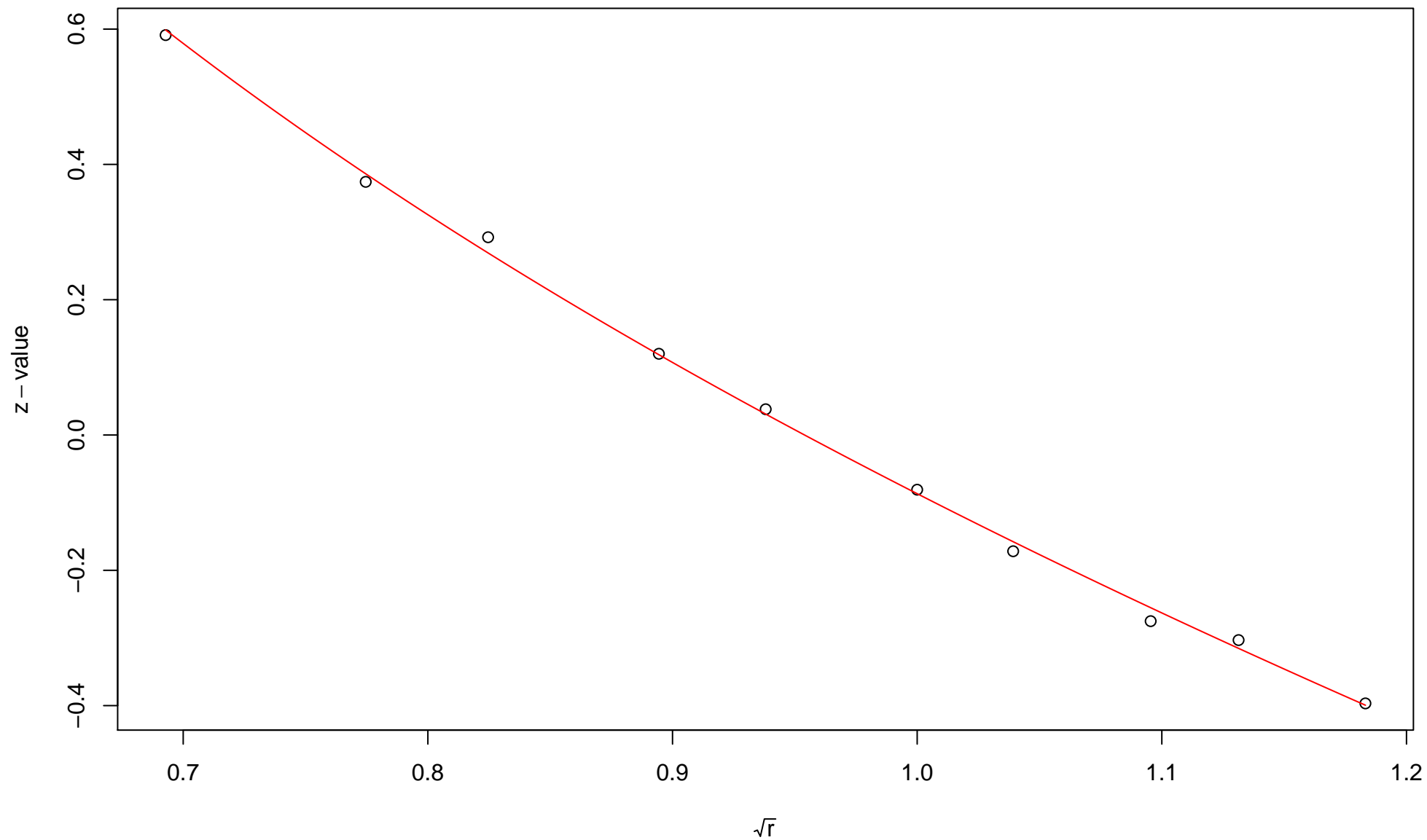
$\sqrt{r}$   
AU = 0.98 , BP = 0.51 ,  $v = -1.07$  ,  $c = 1.03$  , pchi = 0.02

# 90th edge



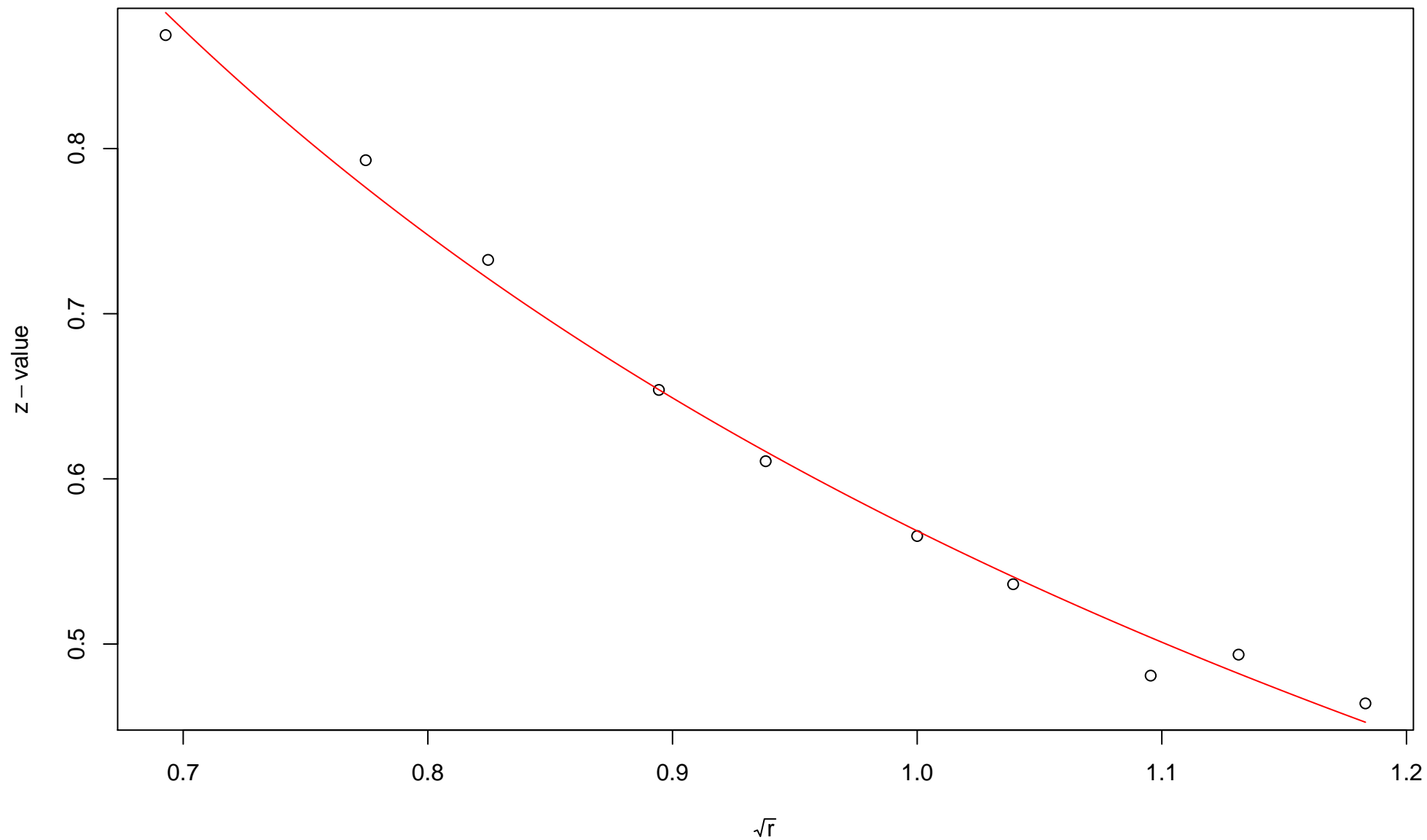
$\sqrt{r}$   
AU = 0.99 , BP = 0.13 ,  $v = -0.56$  ,  $c = 1.7$  ,  $pchi = 0.1$

# 91st edge



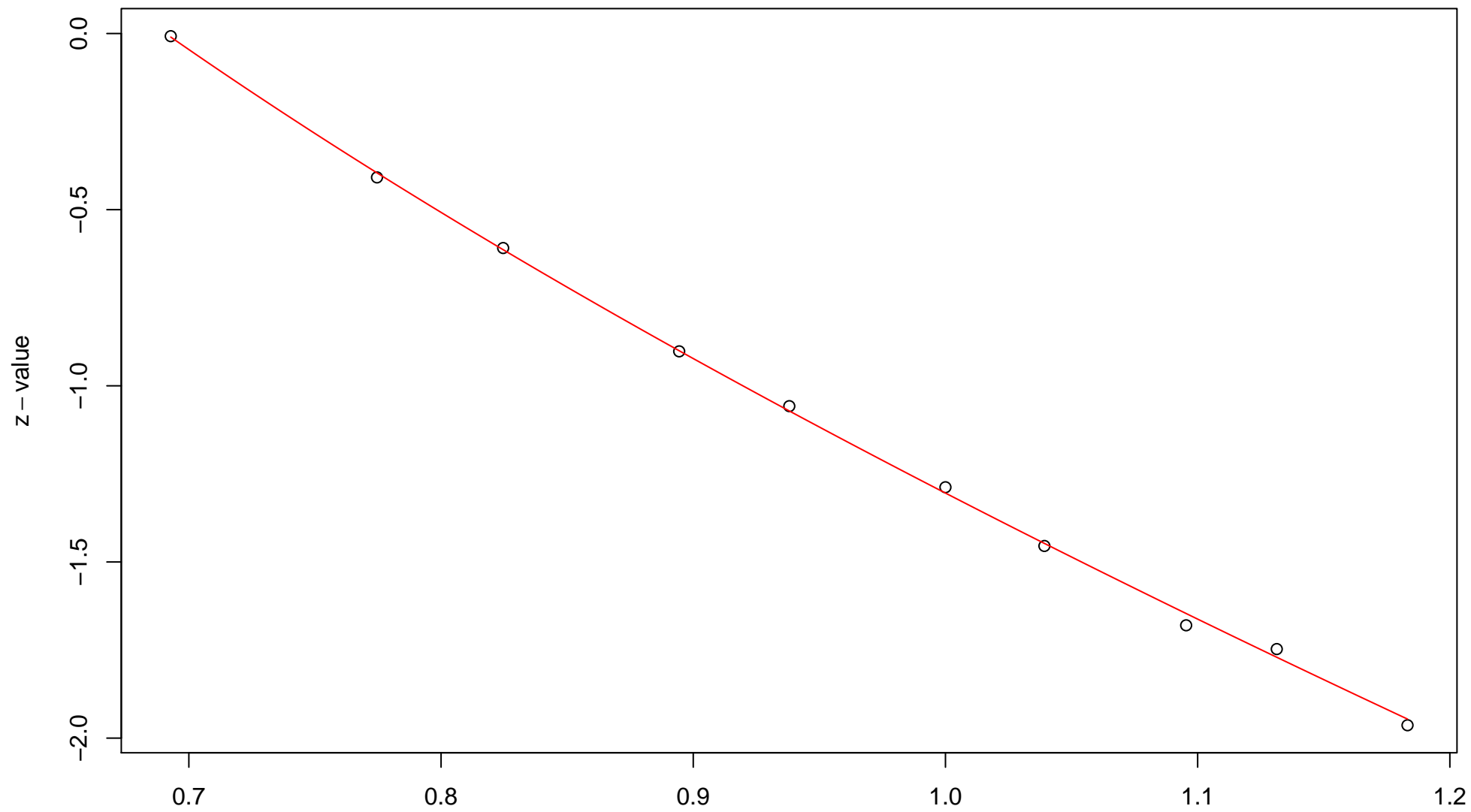
$\sqrt{r}$   
AU = 0.97 , BP = 0.53 ,  $v = -0.96$  ,  $c = 0.88$  , pchi = 0.28

## 92nd edge



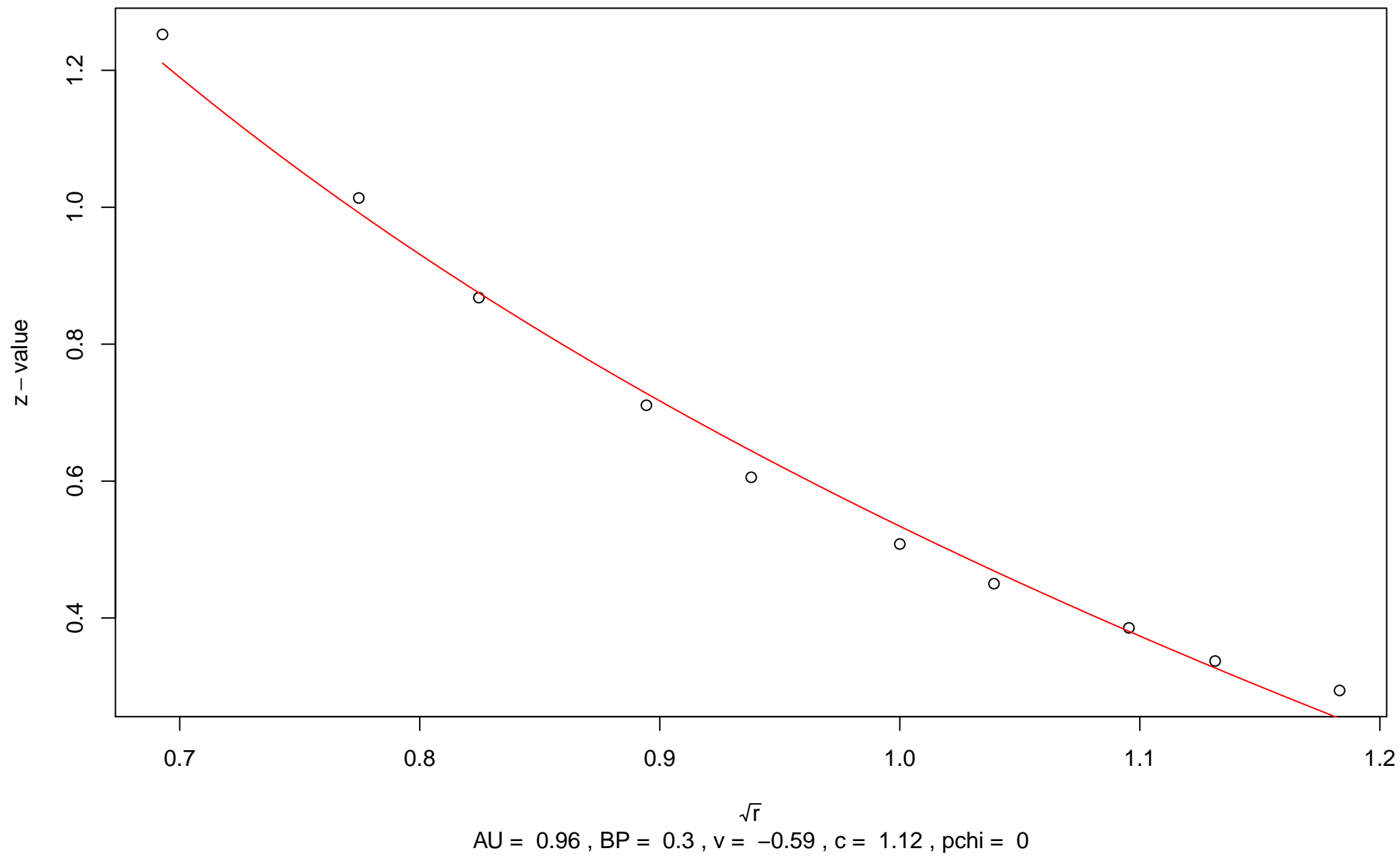
$\sqrt{r}$   
AU = 0.77 , BP = 0.28 ,  $v = -0.08$  , c = 0.65 , pchi = 0.44

### 93rd edge

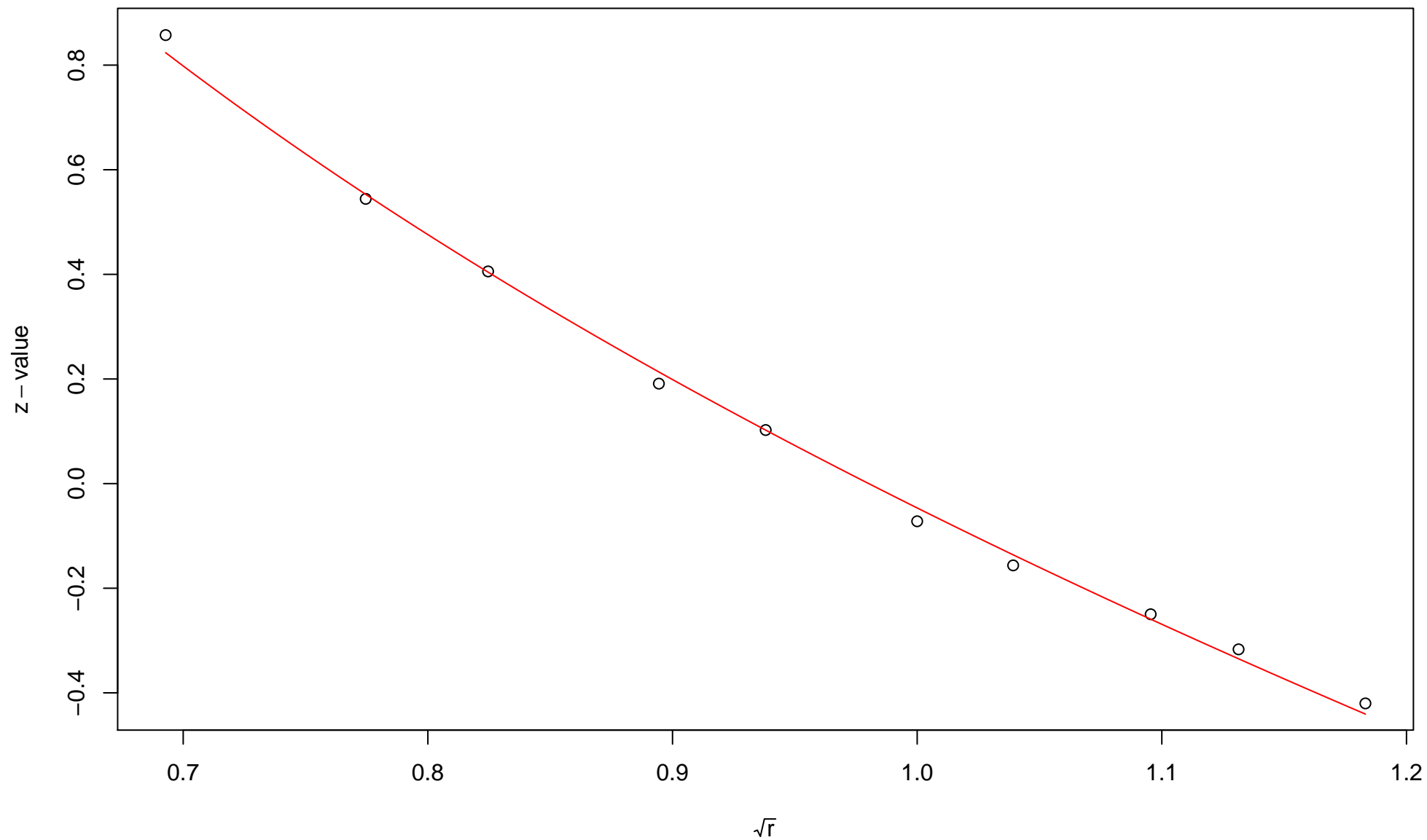


$\sqrt{r}$   
AU = 1 , BP = 0.9 ,  $v = -2.5$  ,  $c = 1.19$  ,  $pchi = 0.55$

### 94th edge



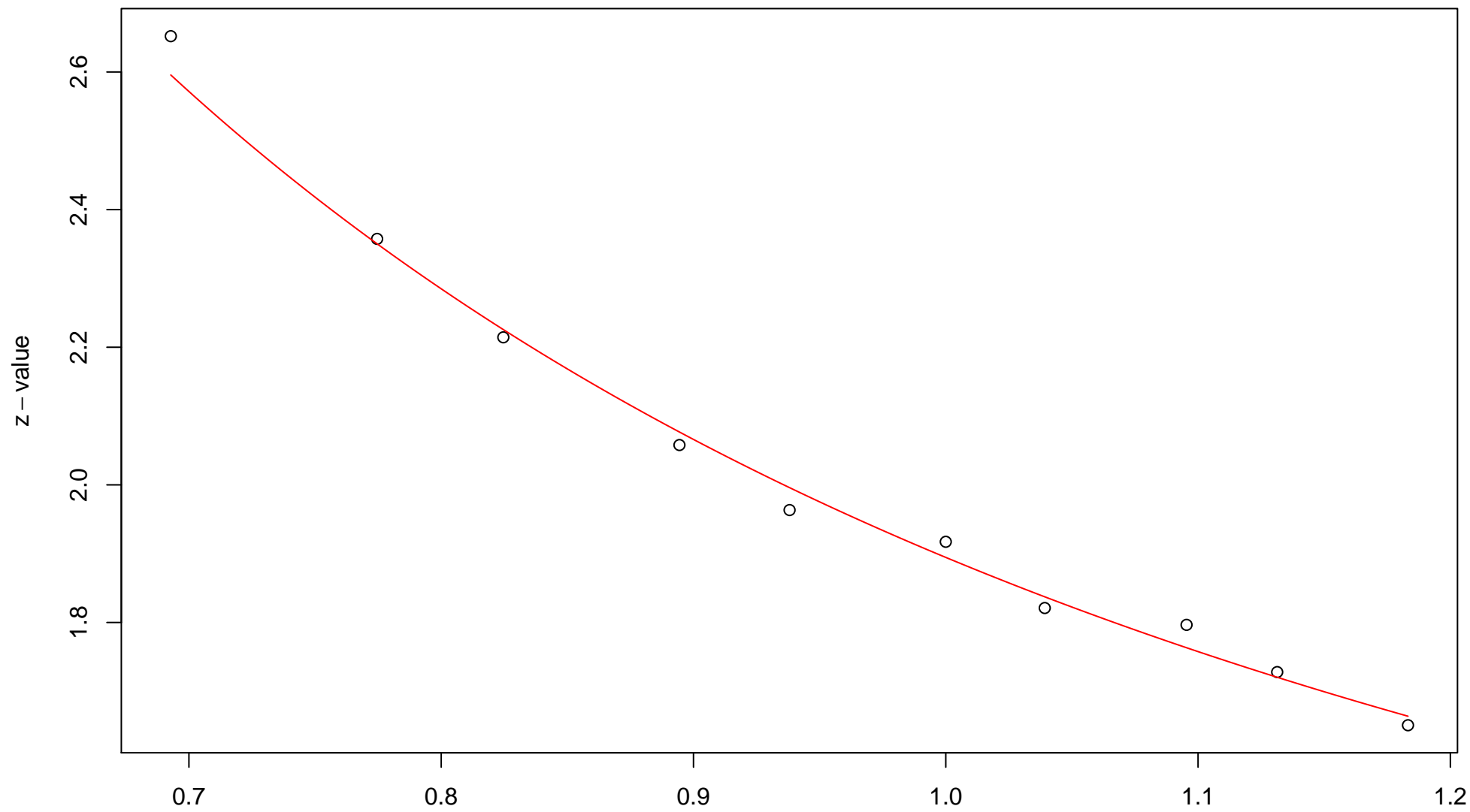
### 95th edge



$\sqrt{r}$   
AU = 0.99 , BP = 0.52 ,  $v = -1.19$  , c = 1.14 , pchi = 0.01

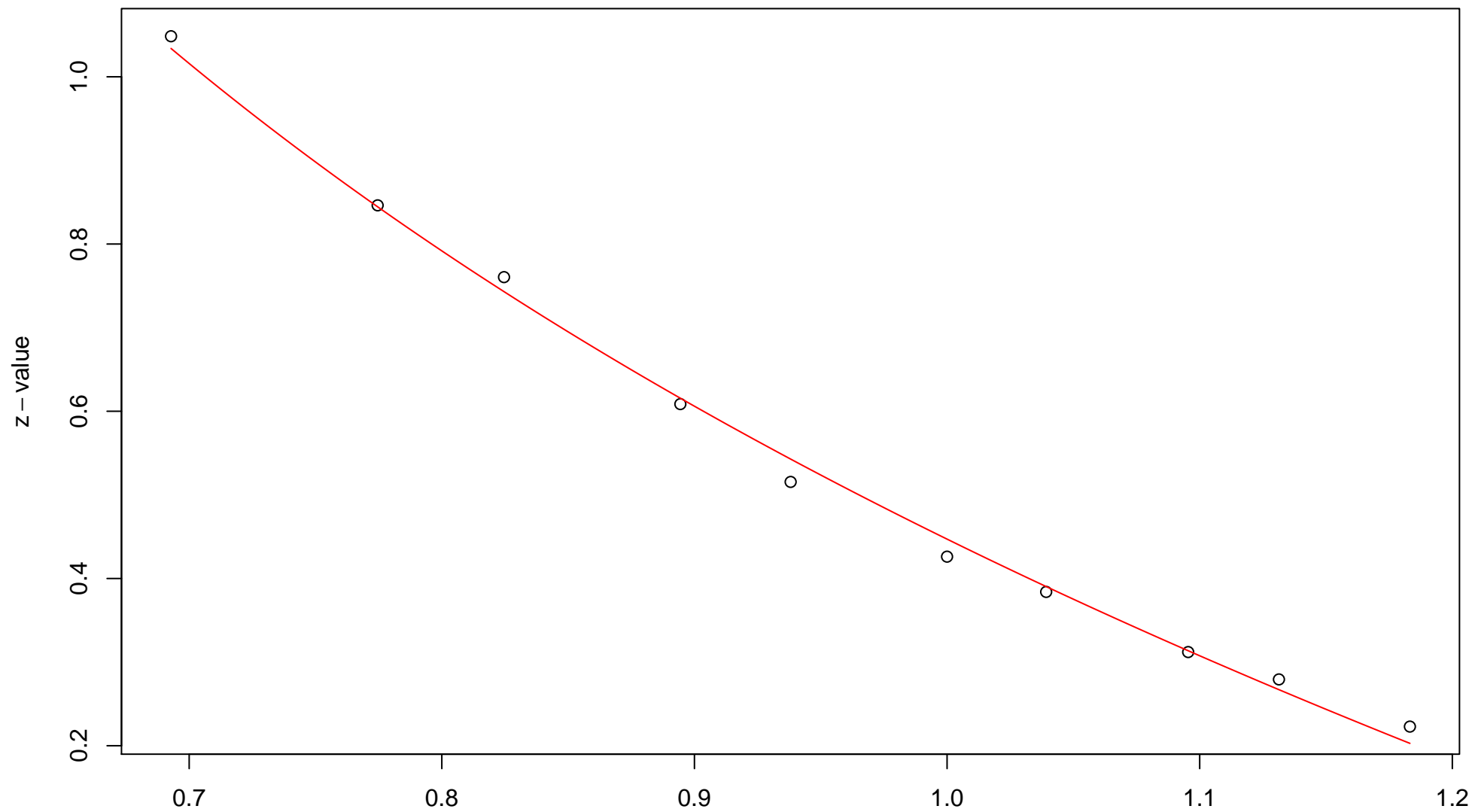


### 96th edge



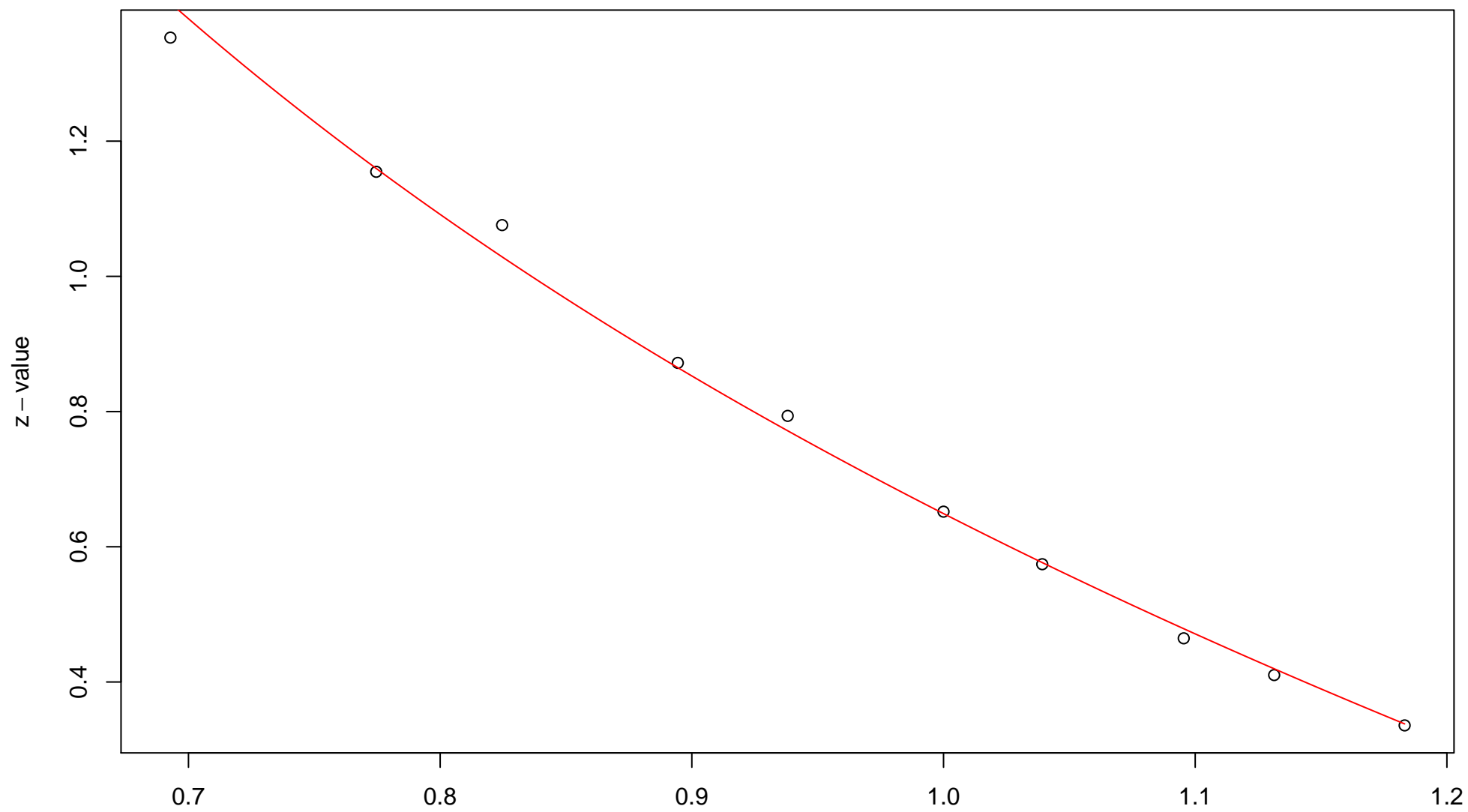
$\sqrt{r}$   
AU = 0.94 , BP = 0.03 ,  $v$  = 0.19 ,  $c$  = 1.71 , pchi = 0.55

# 97th edge



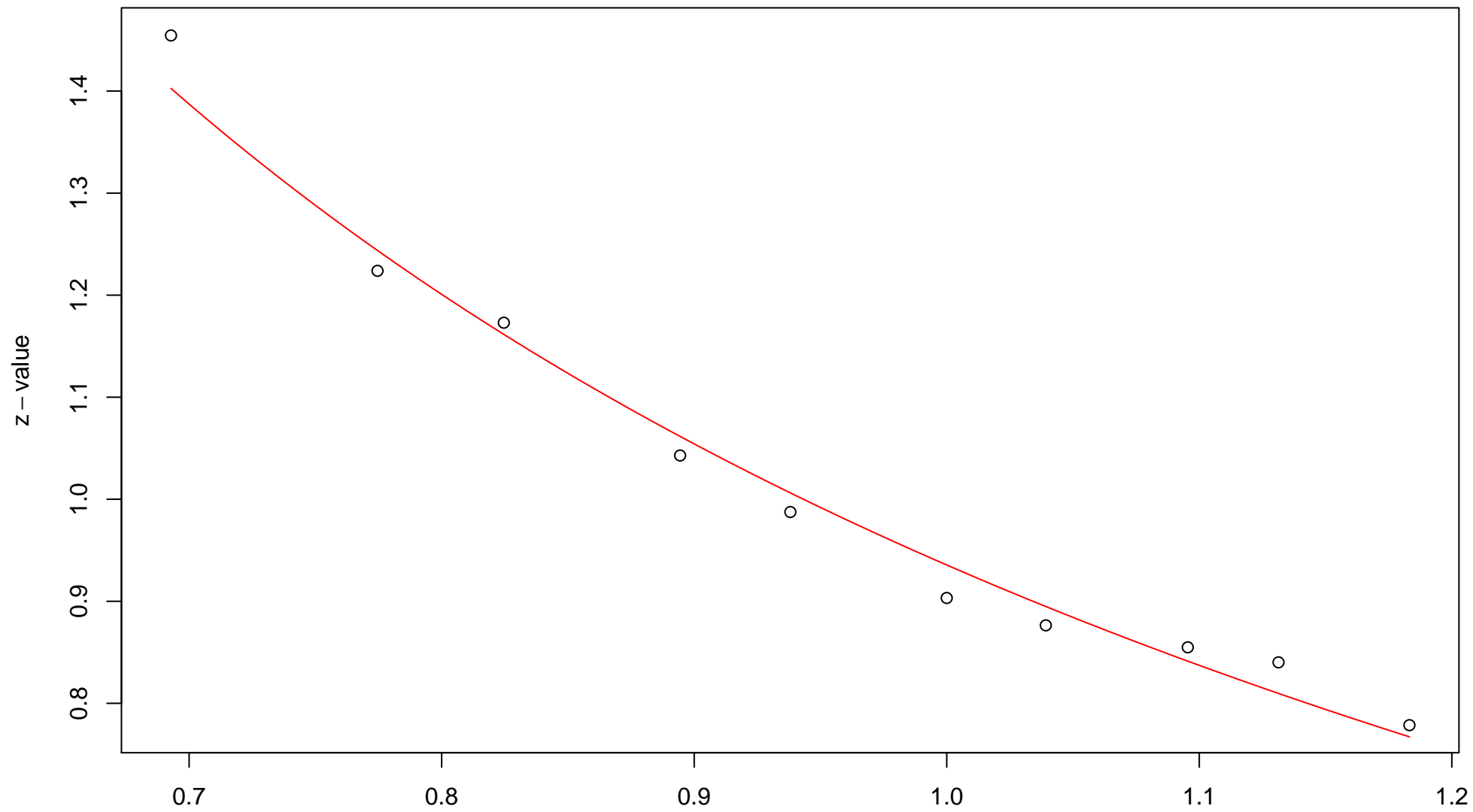
$\sqrt{r}$   
AU = 0.93 , BP = 0.33 ,  $v = -0.52$  , c = 0.96 , pchi = 0.1

# 98th edge



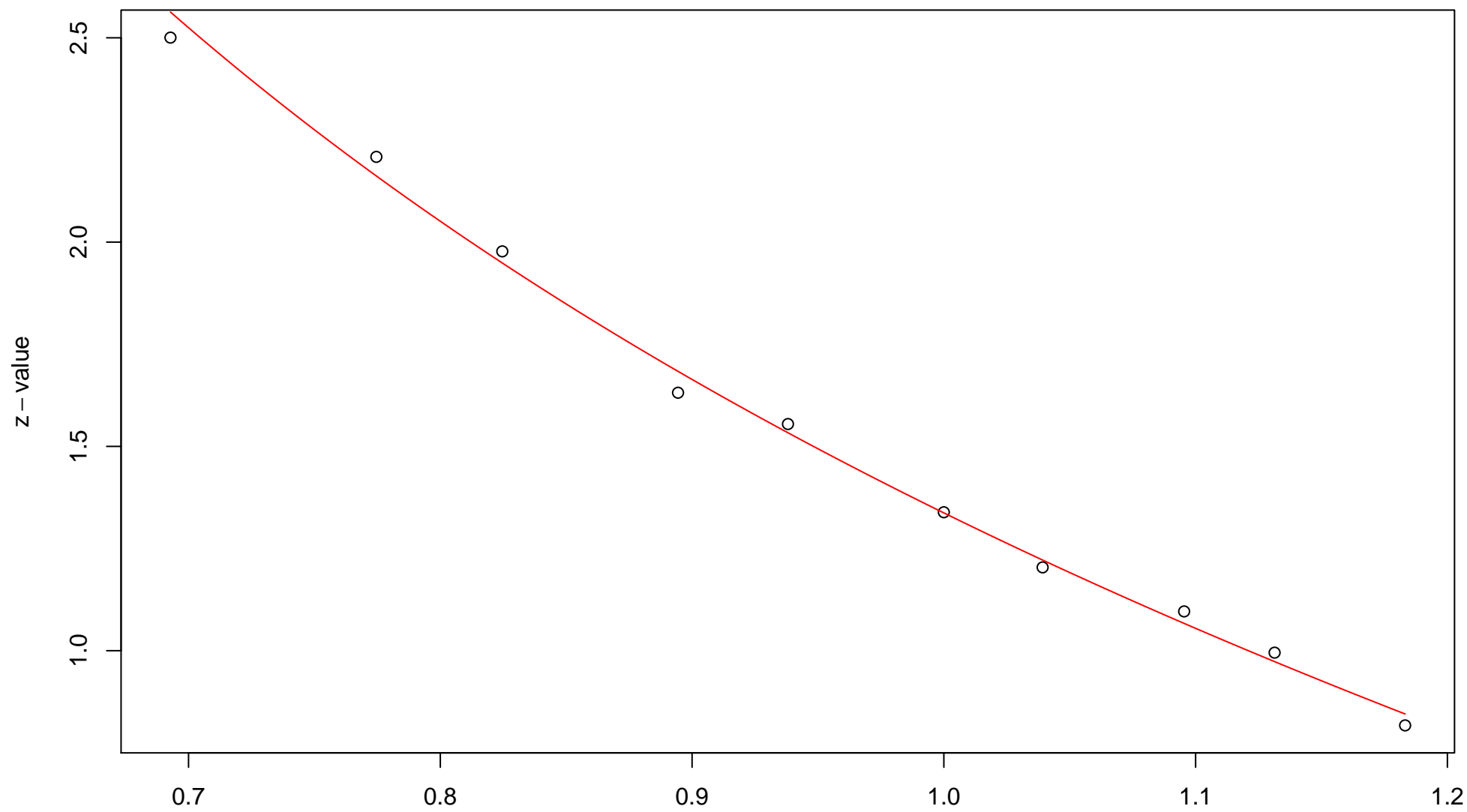
$\sqrt{r}$   
AU = 0.97 , BP = 0.26 , v = -0.62 , c = 1.27 , pchi = 0

### 99th edge



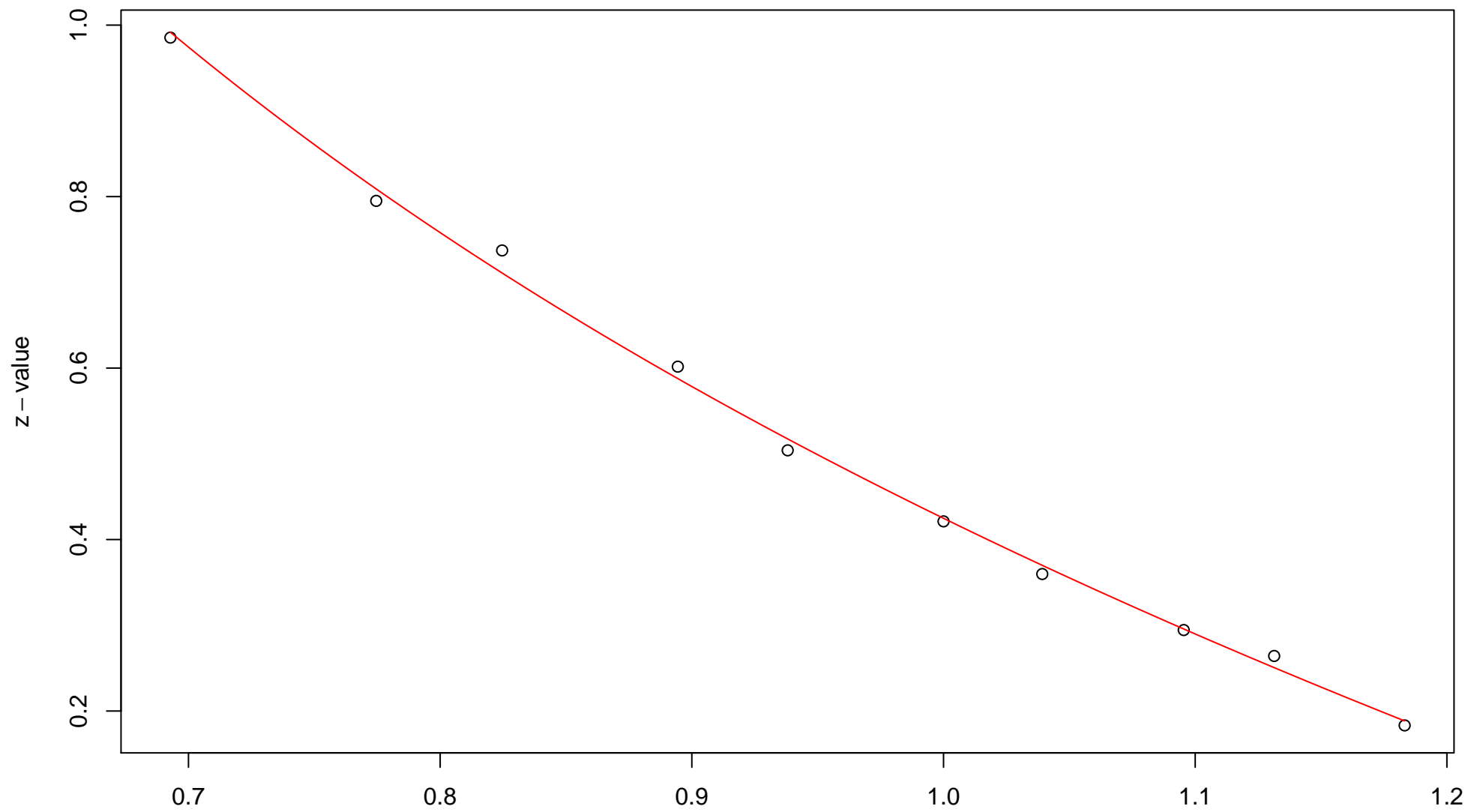
$\sqrt{r}$   
AU = 0.86 , BP = 0.17 , v = -0.07 , c = 1.01 , pchi = 0

# 100th edge



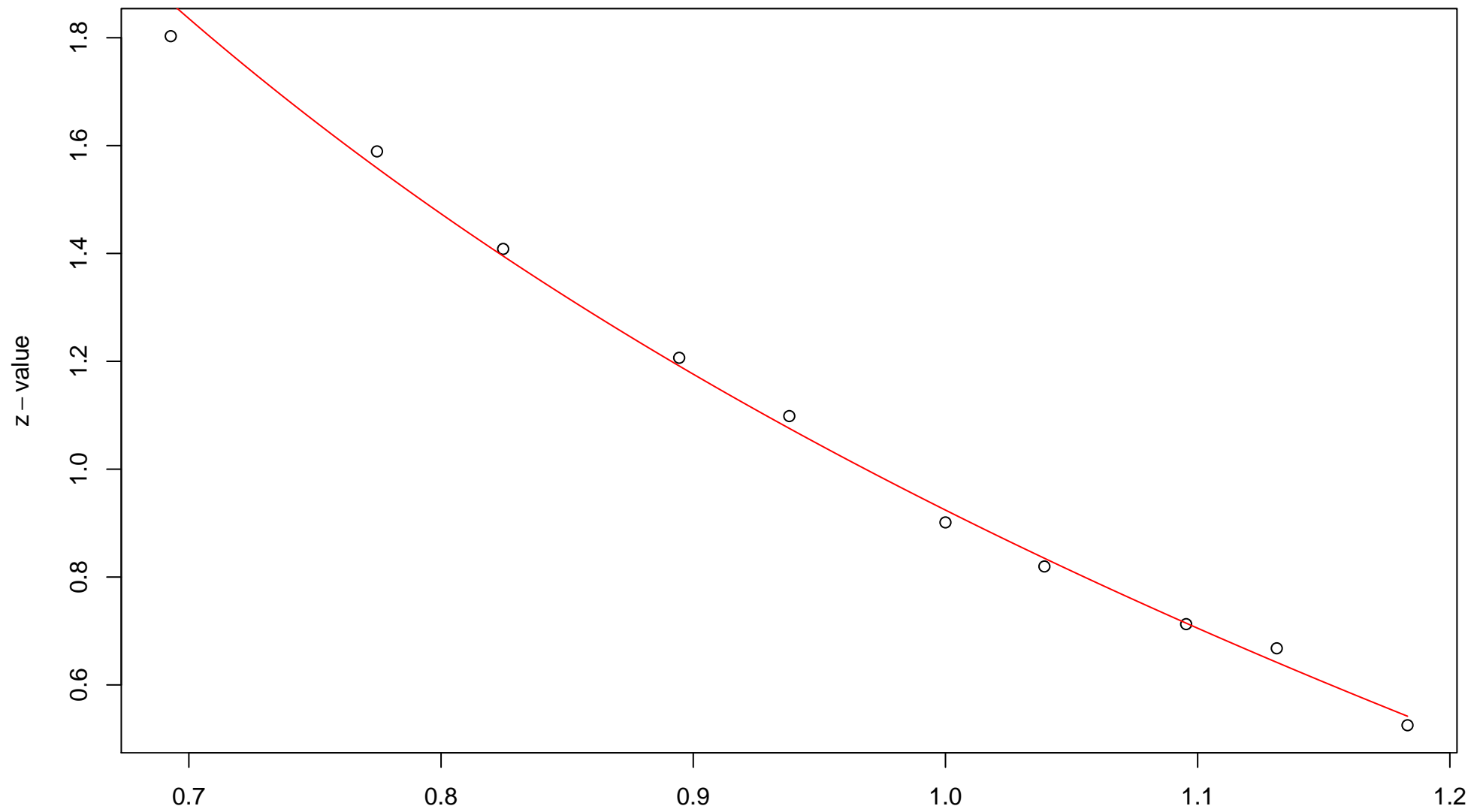
$\sqrt{r}$   
AU = 1 , BP = 0.09 ,  $v = -0.84$  , c = 2.18 , pchi = 0

# 101st edge



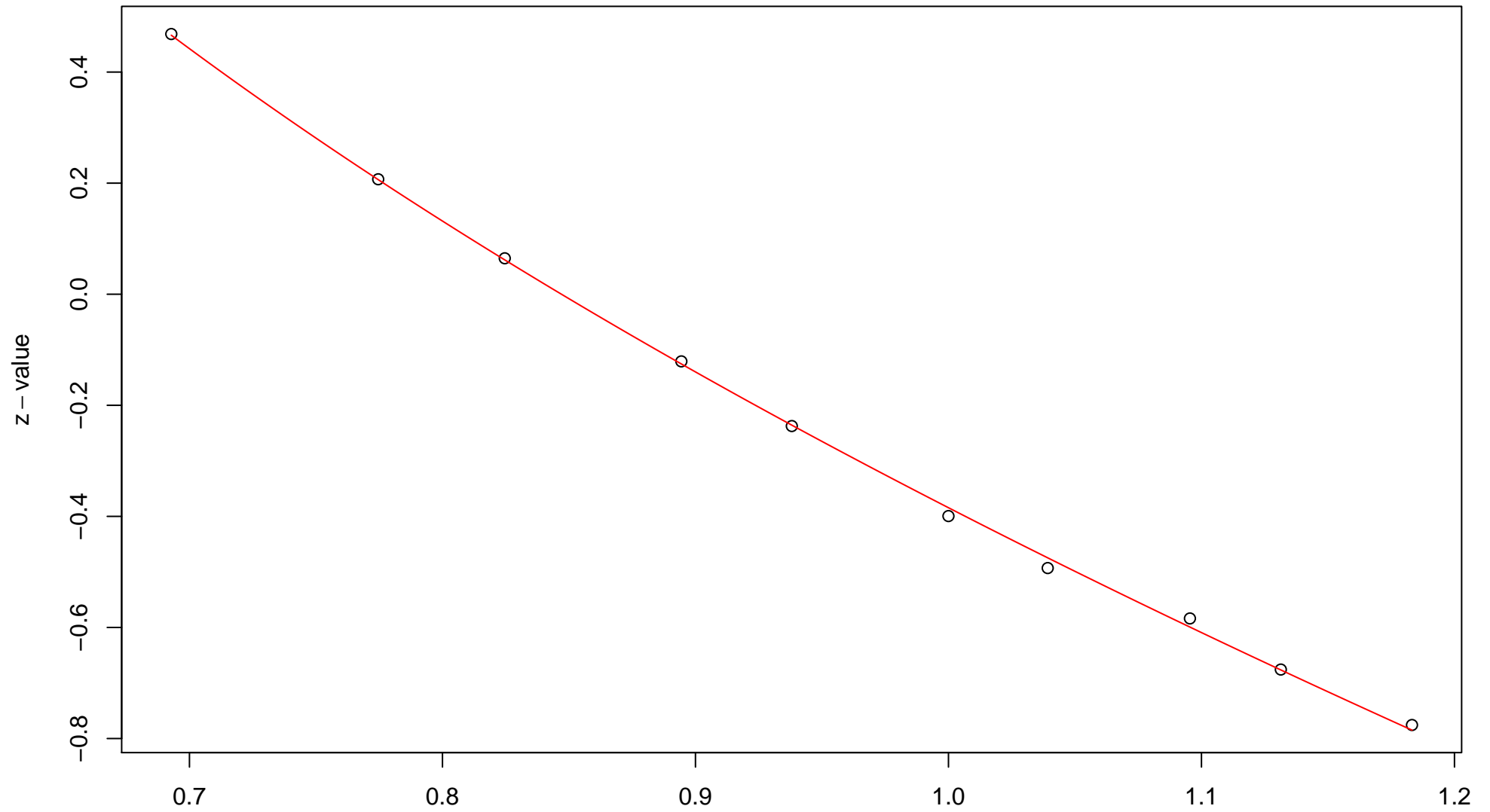
$\sqrt{r}$   
AU = 0.92 , BP = 0.34 ,  $v = -0.5$  ,  $c = 0.93$  , pchi = 0.35

# 102nd edge



$\sqrt{r}$   
AU = 0.99 , BP = 0.18 ,  $v = -0.71$  ,  $c = 1.63$  ,  $pchi = 0.01$

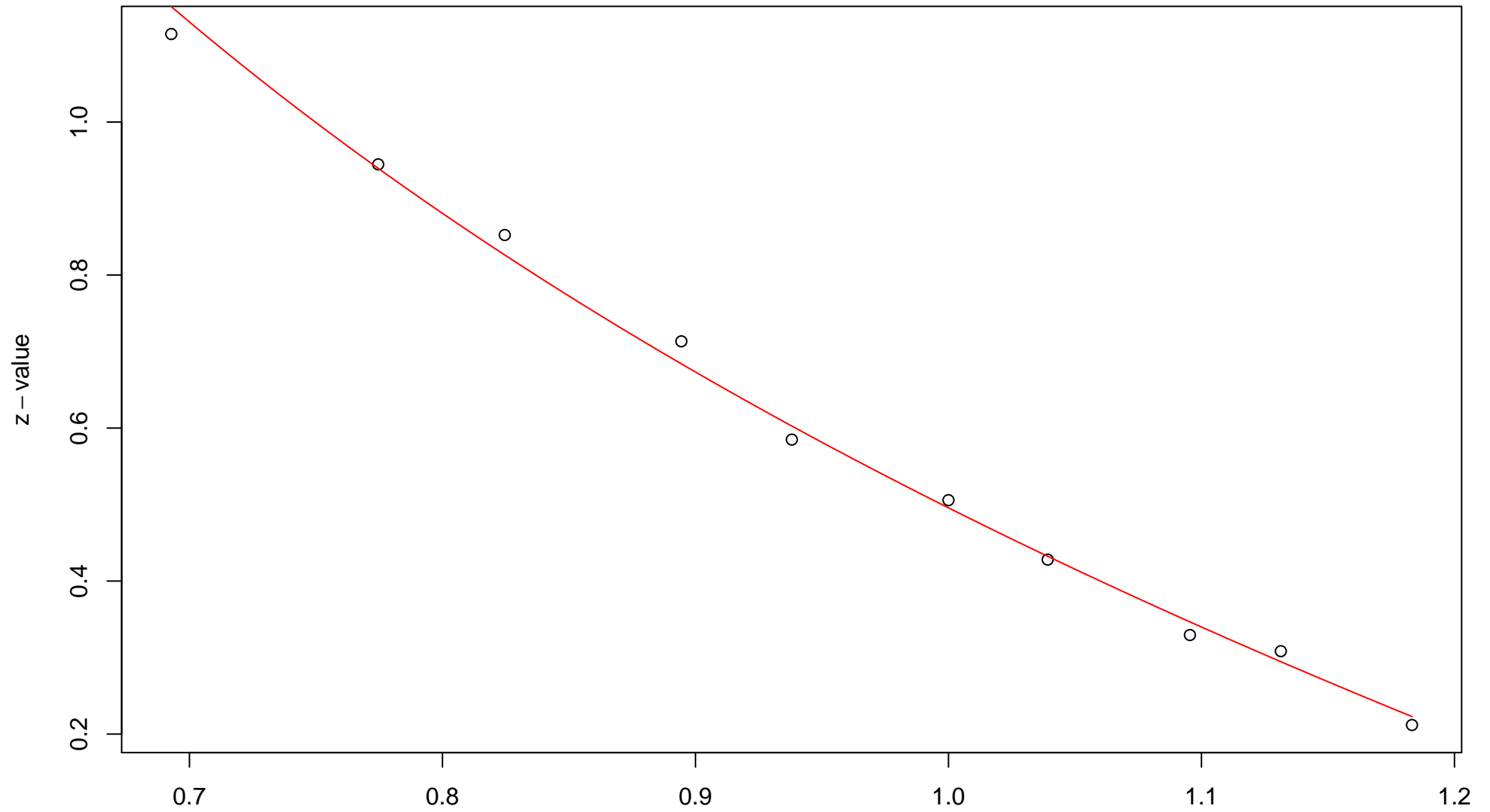
# 103rd edge



$\sqrt{r}$   
AU = 0.99 , BP = 0.65 ,  $v = -1.36$  ,  $c = 0.98$  ,  $pchi = 0.72$

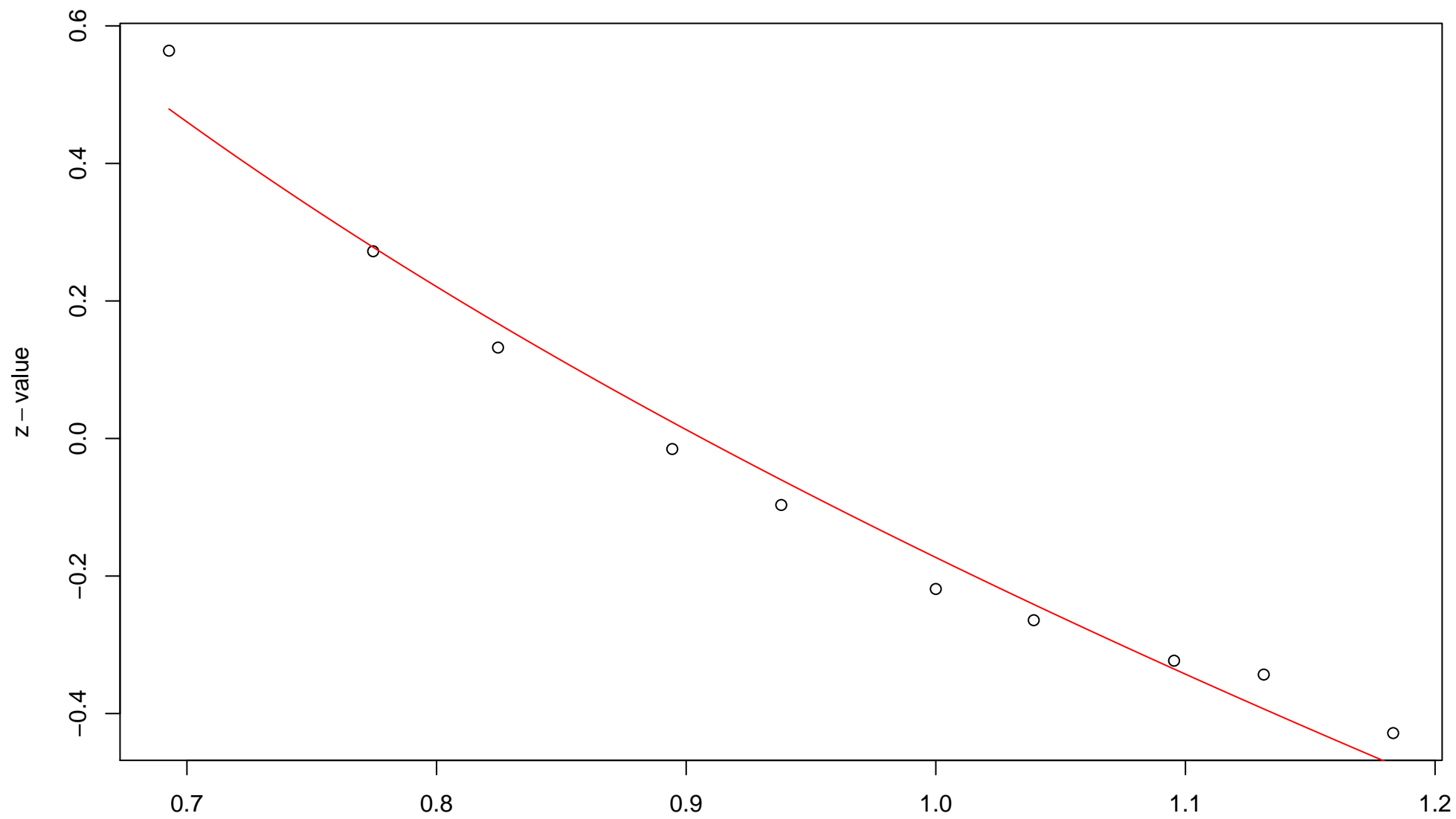


# 104th edge



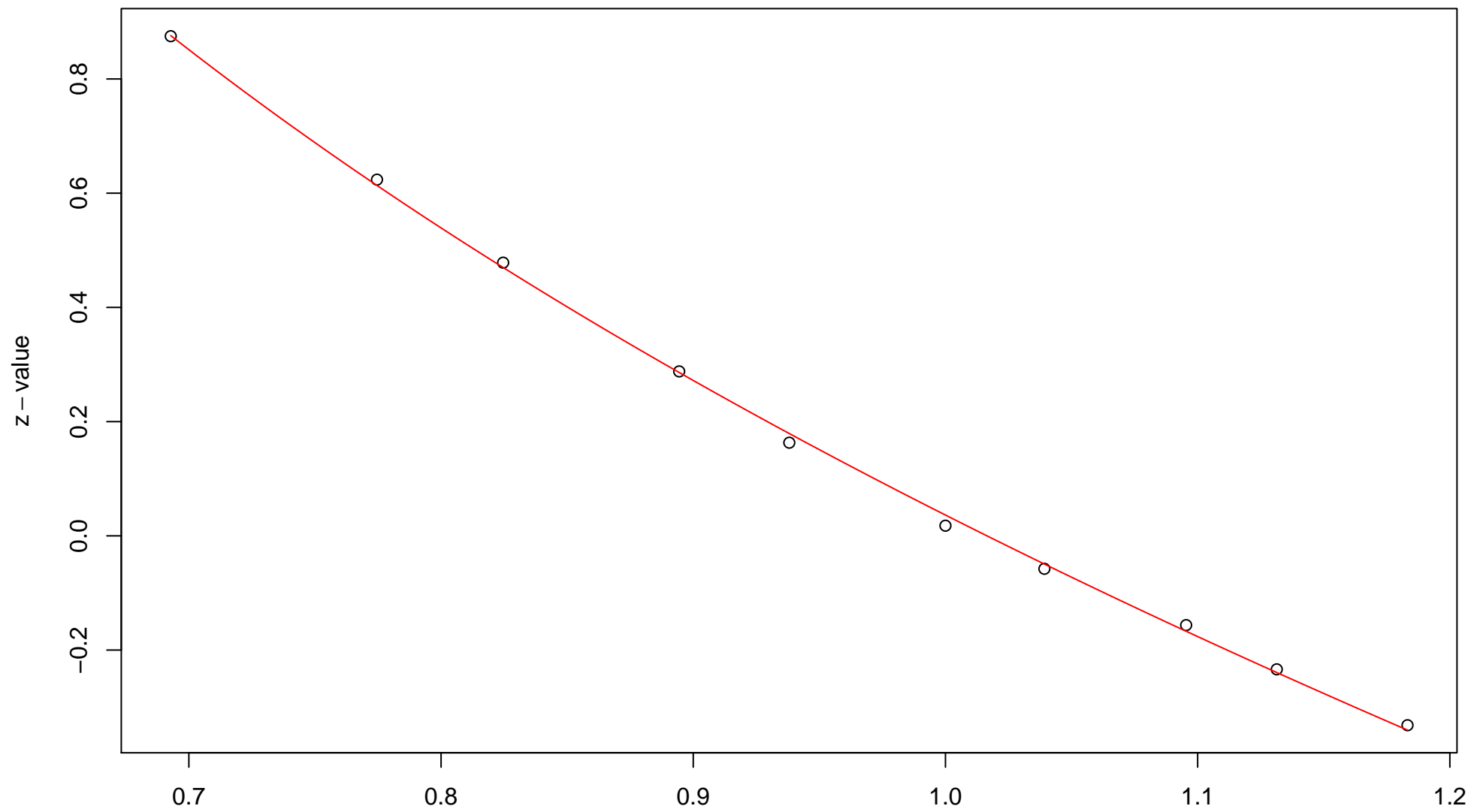
$\sqrt{r}$   
AU = 0.95 , BP = 0.31 ,  $v = -0.58$  ,  $c = 1.08$  , pchi = 0.01

# 105th edge



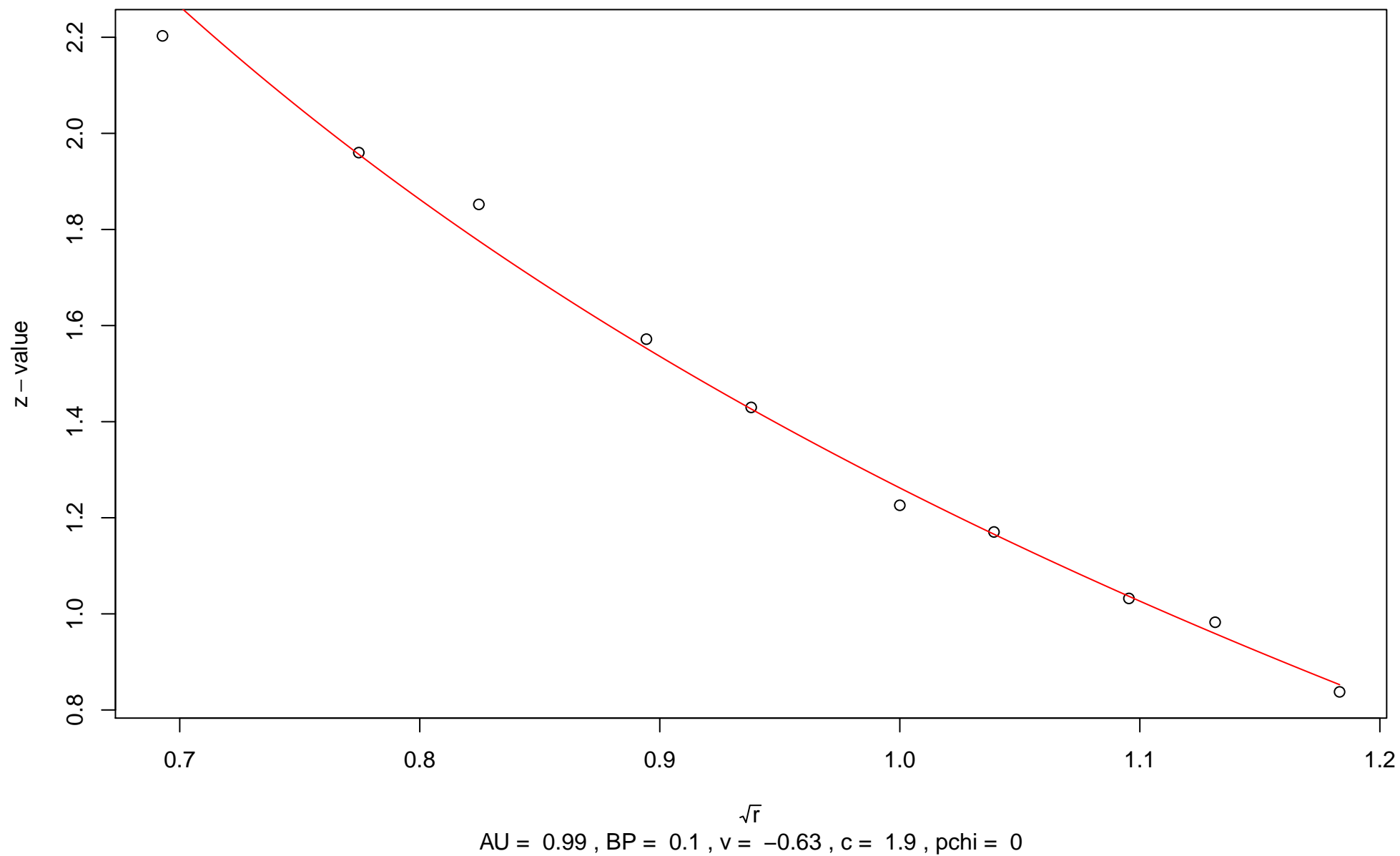
$\sqrt{r}$   
AU = 0.96 , BP = 0.57 ,  $v = -0.97$  ,  $c = 0.8$  ,  $pchi = 0$

# 106th edge

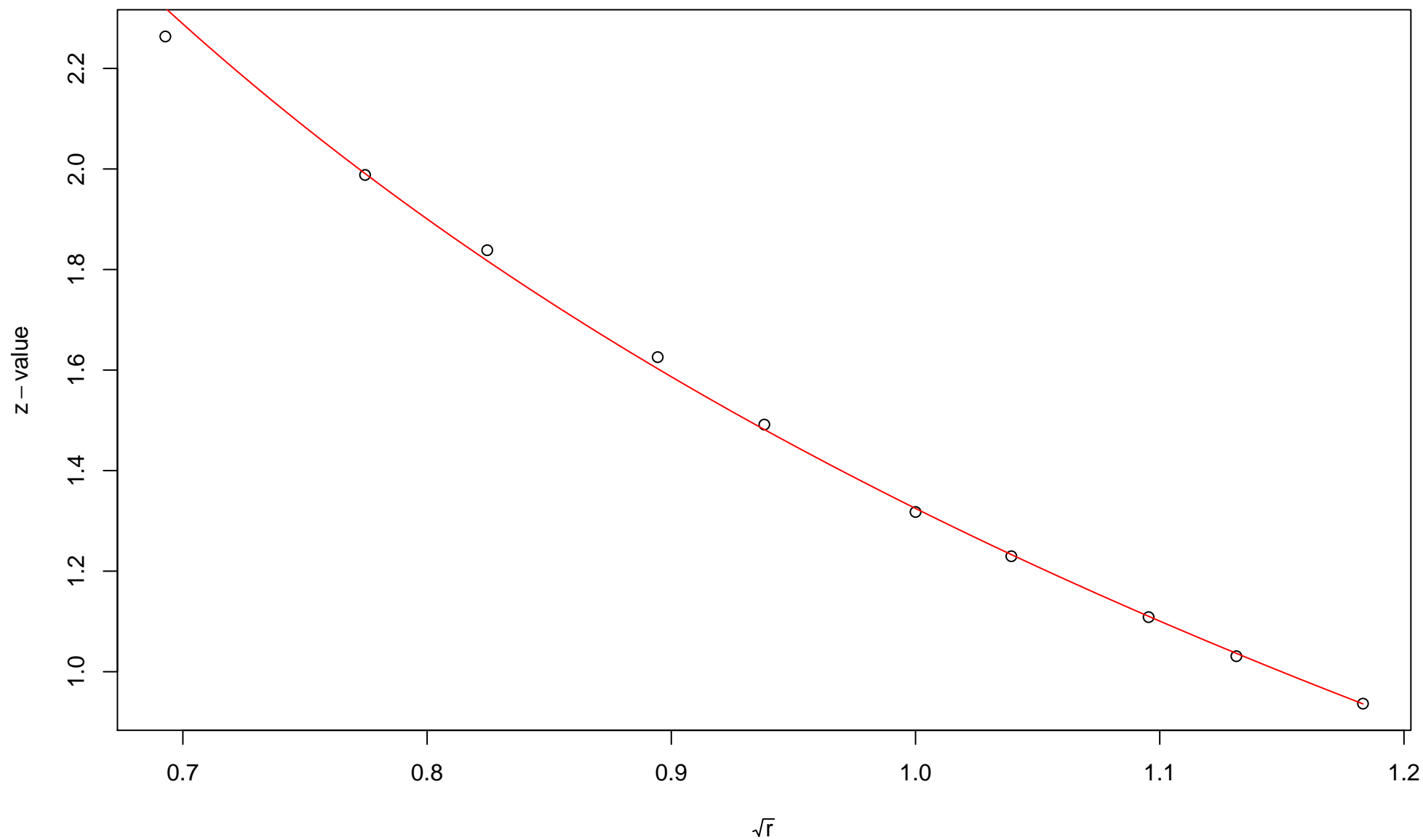


$\sqrt{r}$   
AU = 0.99 , BP = 0.49 ,  $v = -1.1$  ,  $c = 1.13$  ,  $pchi = 0.58$

# 107th edge

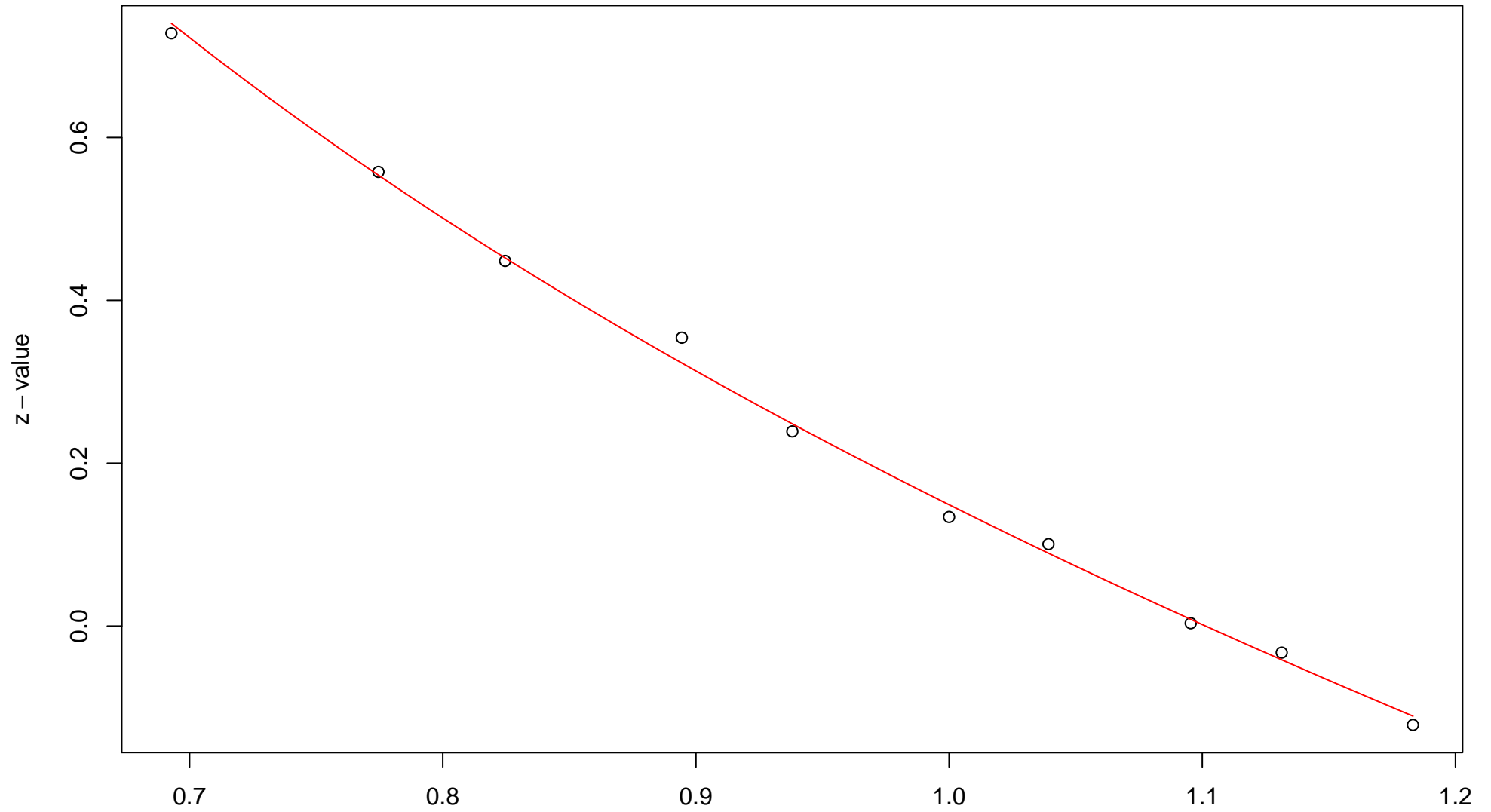


# 108th edge



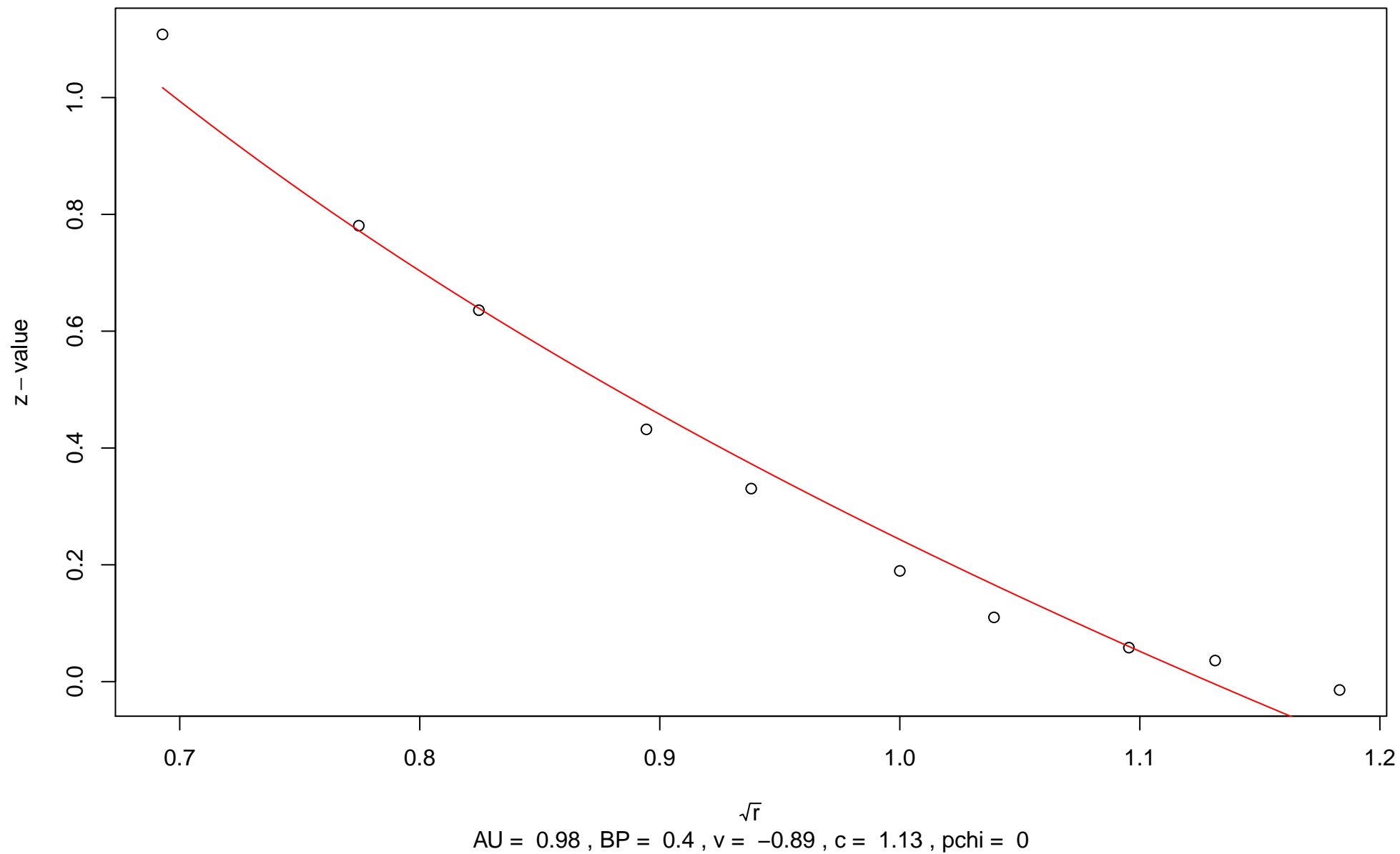
$\sqrt{r}$   
AU = 0.99 , BP = 0.09 ,  $v = -0.54$  ,  $c = 1.87$  , pchi = 0.74

# 109th edge

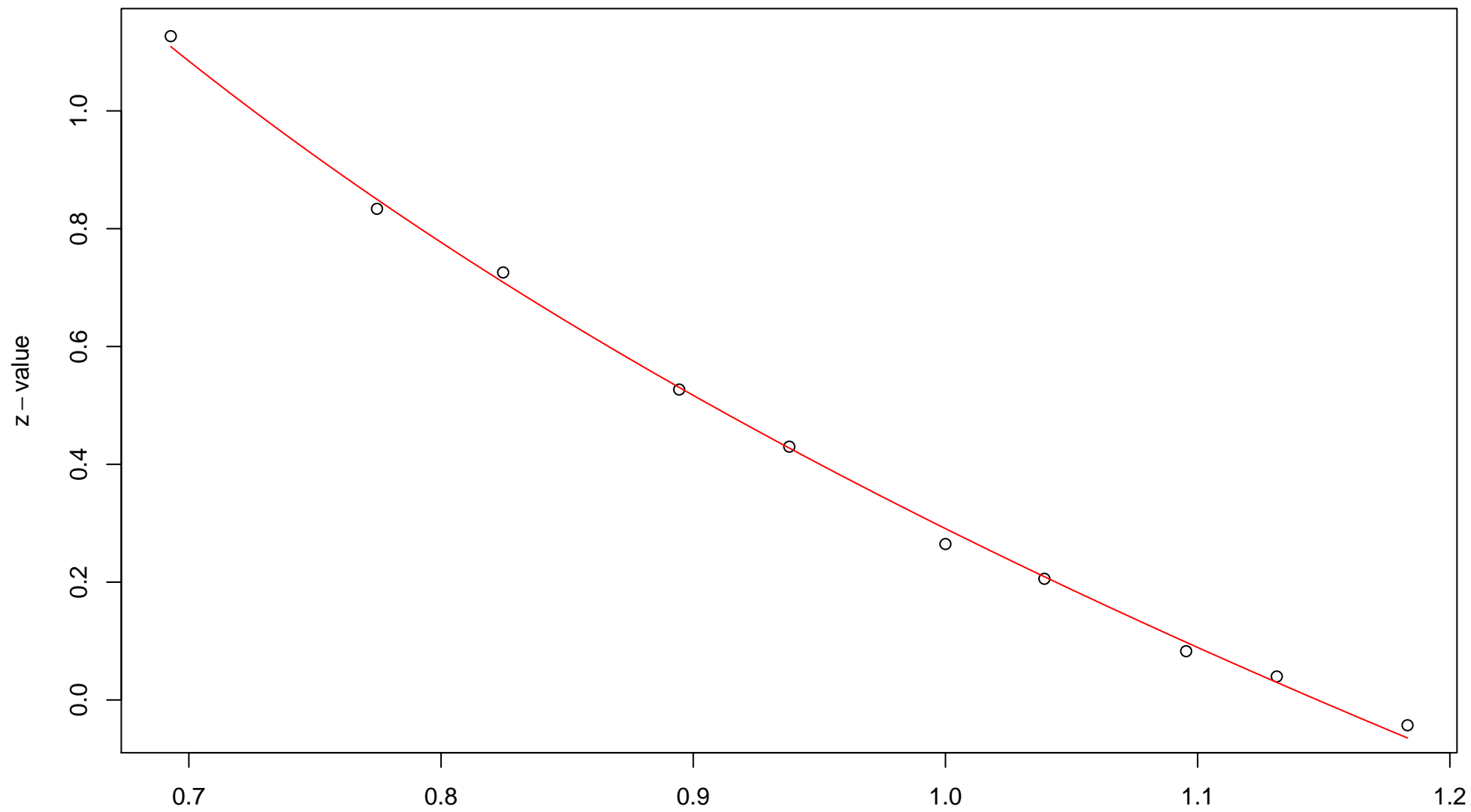


$\sqrt{r}$   
AU = 0.94 , BP = 0.44 ,  $v = -0.7$  ,  $c = 0.85$  , pchi = 0.2

# 110th edge



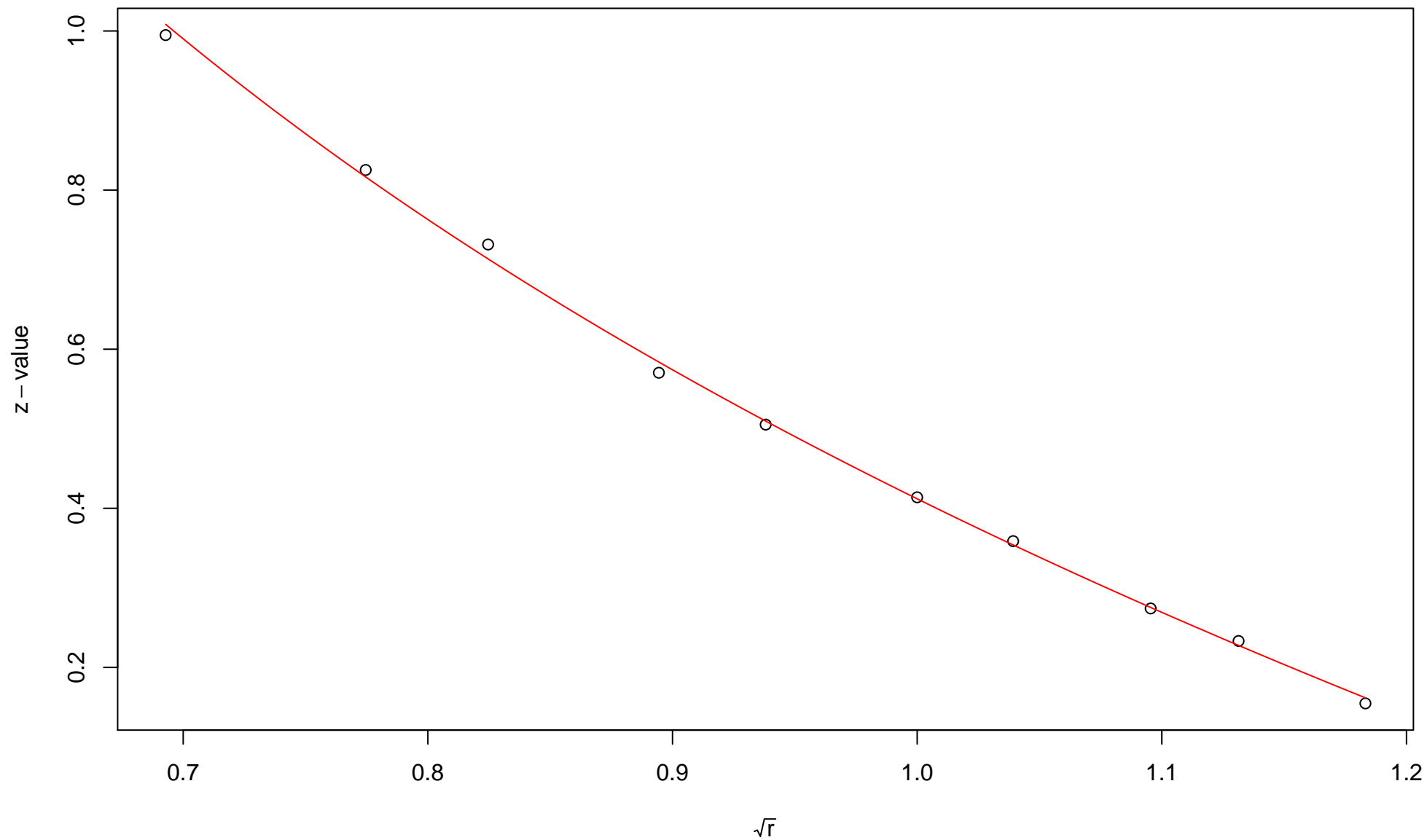
# 111st edge



$\sqrt{r}$   
AU = 0.98 , BP = 0.39 ,  $v = -0.92$  ,  $c = 1.21$  ,  $pchi = 0.1$

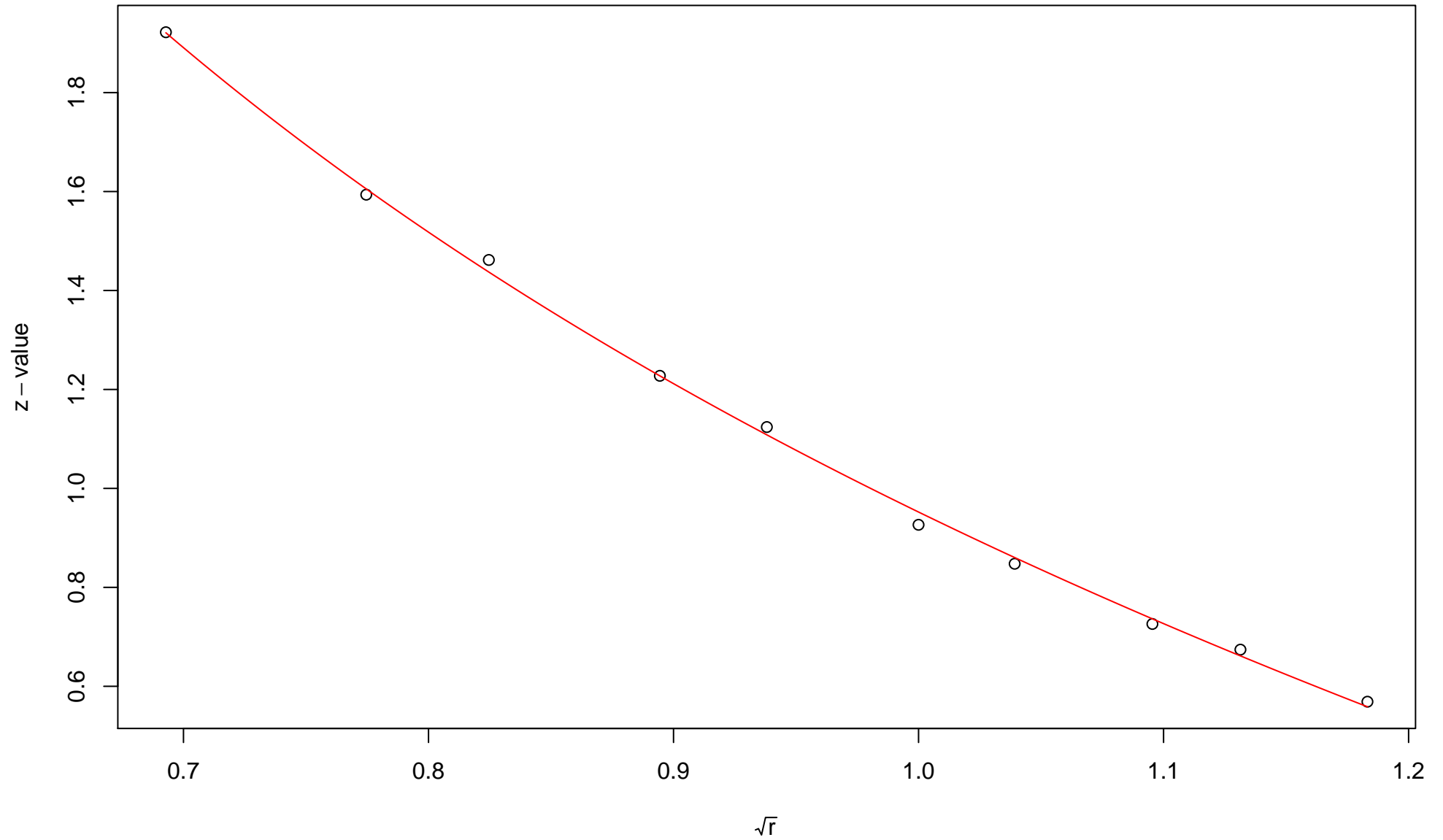


# 112nd edge



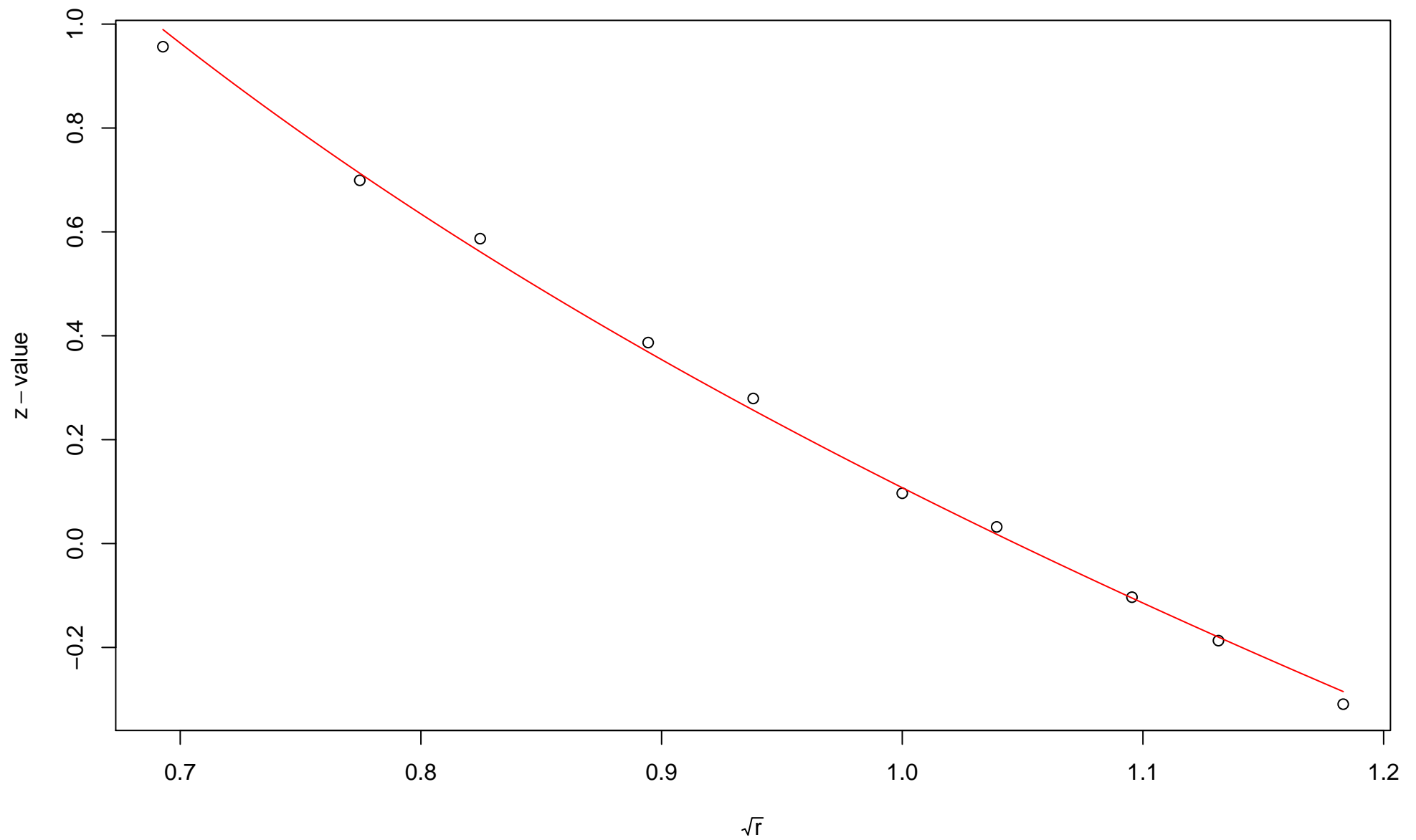
$\sqrt{r}$   
AU = 0.94 , BP = 0.34 ,  $v = -0.55$  ,  $c = 0.96$  , pchi = 0.79

### 113rd edge



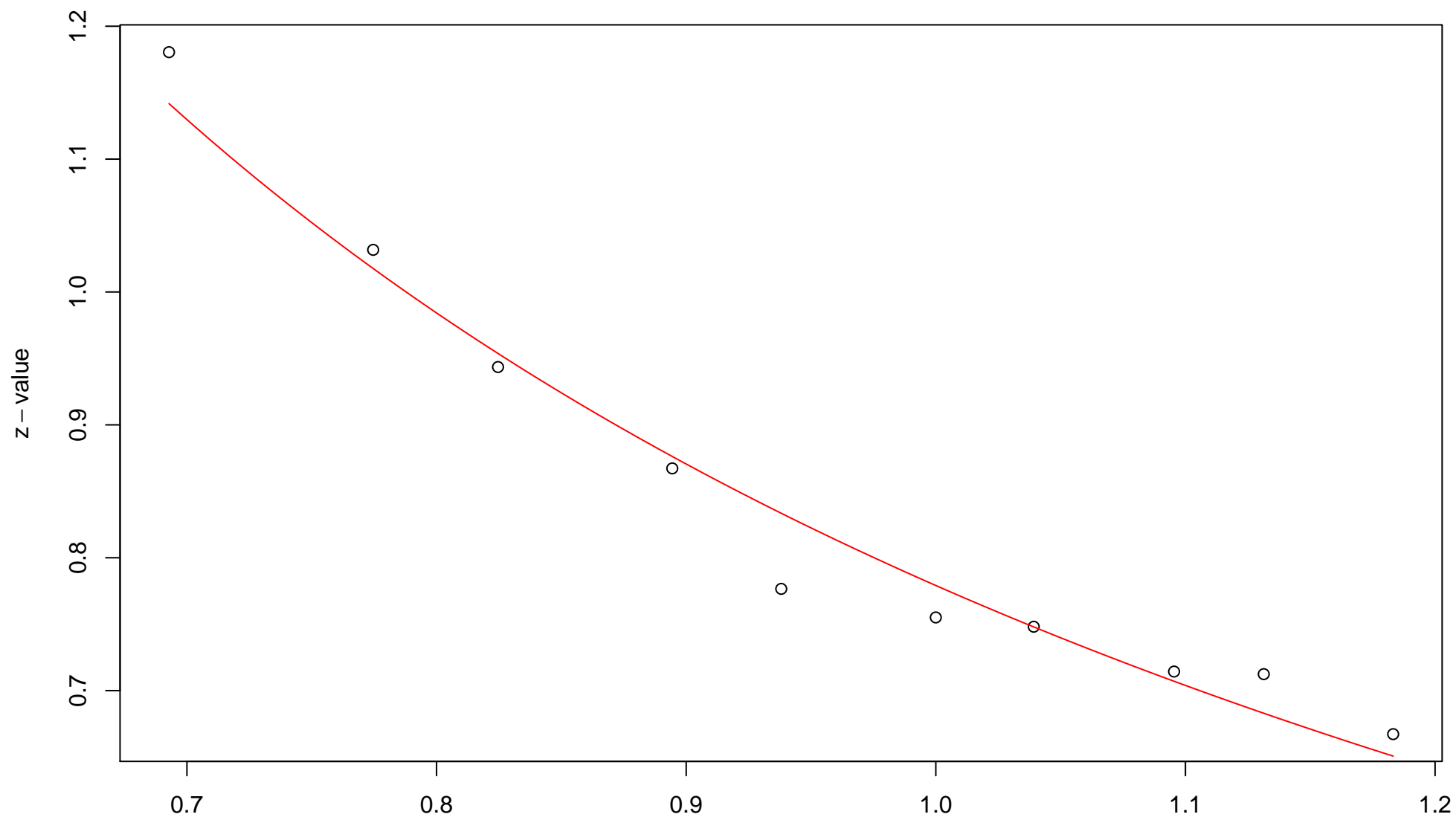
$\sqrt{r}$   
AU = 0.99 , BP = 0.17 ,  $v = -0.73$  ,  $c = 1.68$  ,  $pchi = 0.35$

# 114th edge



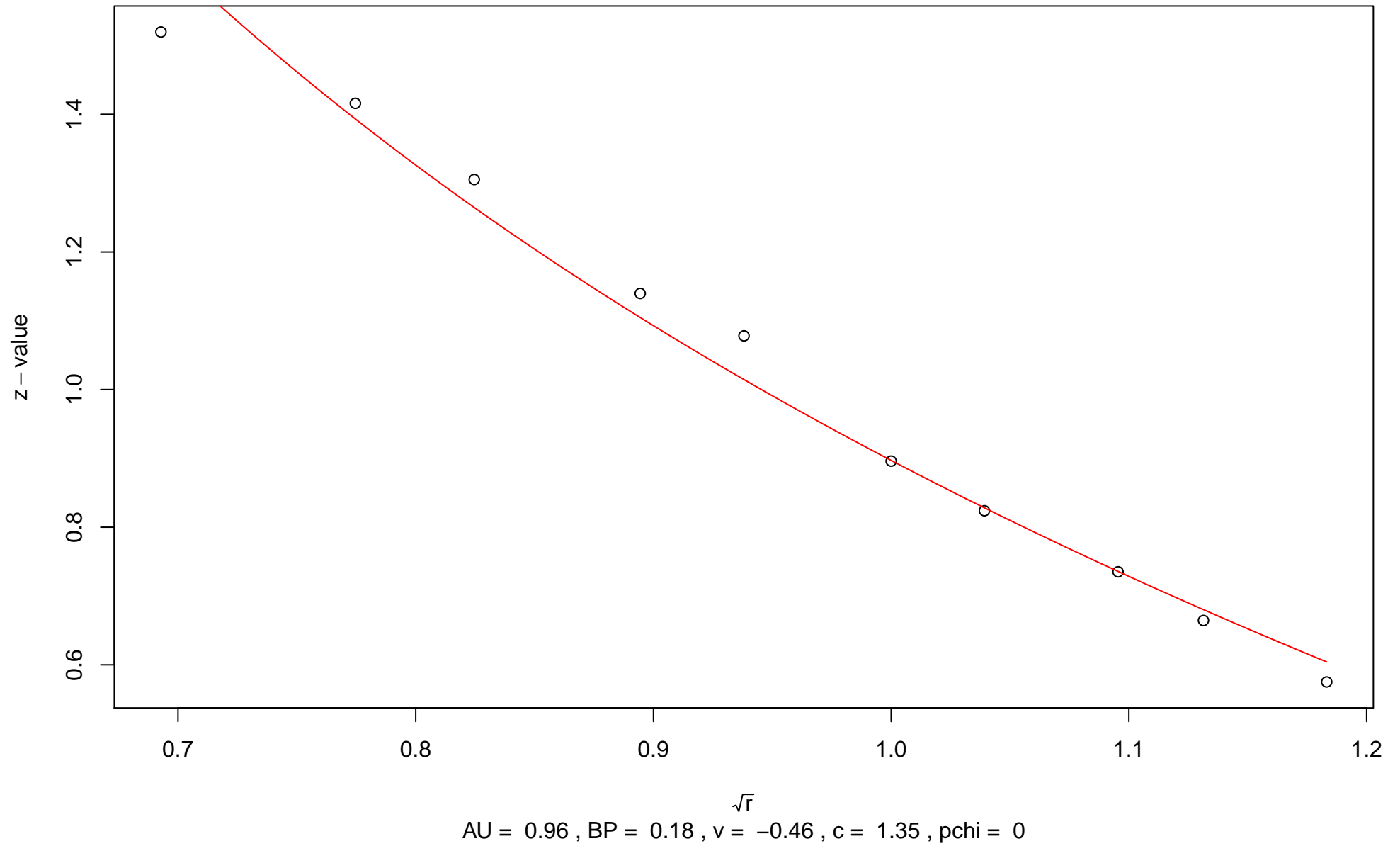
$\sqrt{r}$   
AU = 0.99 , BP = 0.46 ,  $v = -1.11$  ,  $c = 1.22$  , pchi = 0.01

# 115th edge

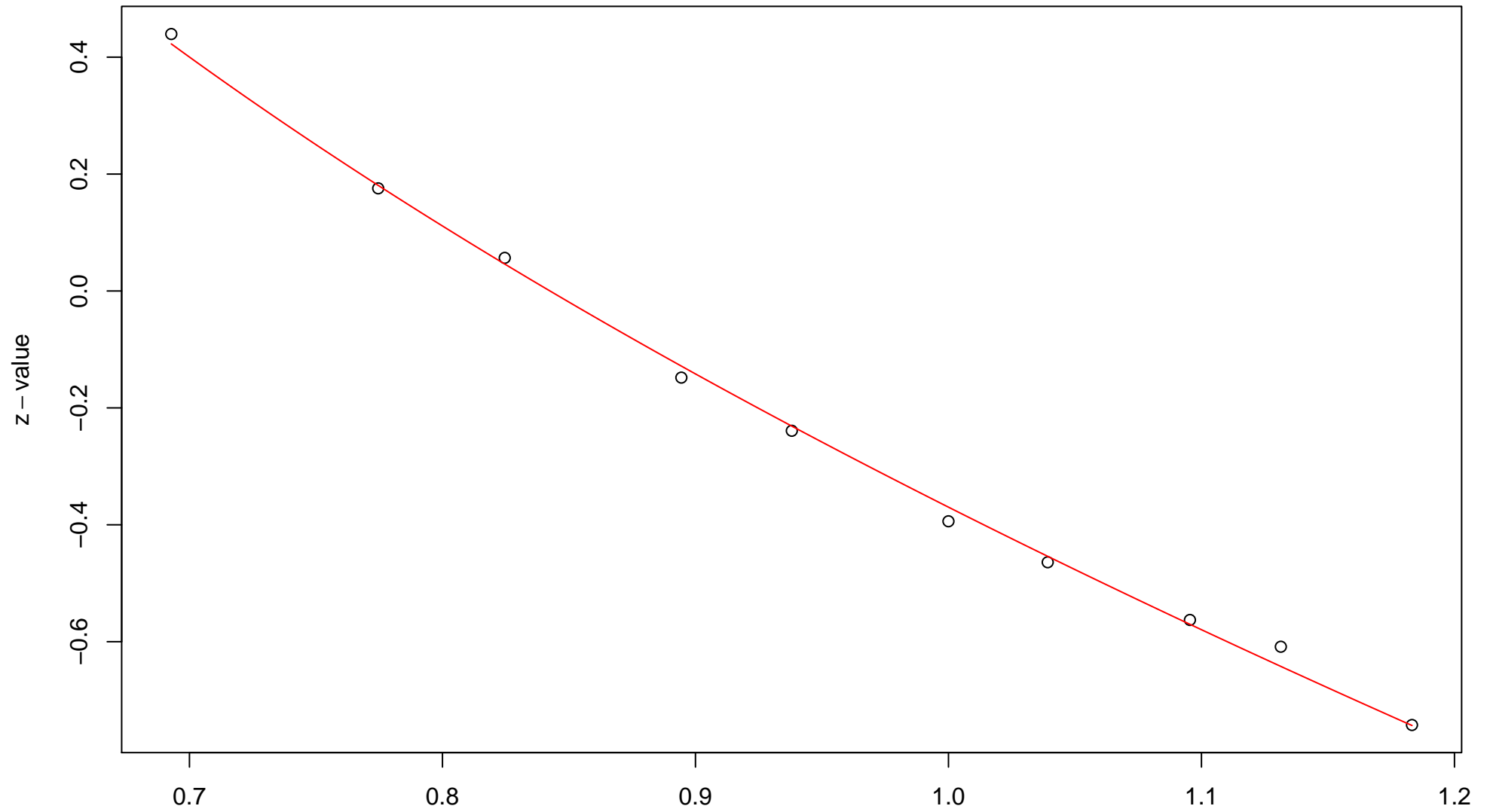


$\sqrt{r}$   
AU = 0.8 , BP = 0.22 , v = -0.02 , c = 0.8 , pchi = 0

# 116th edge

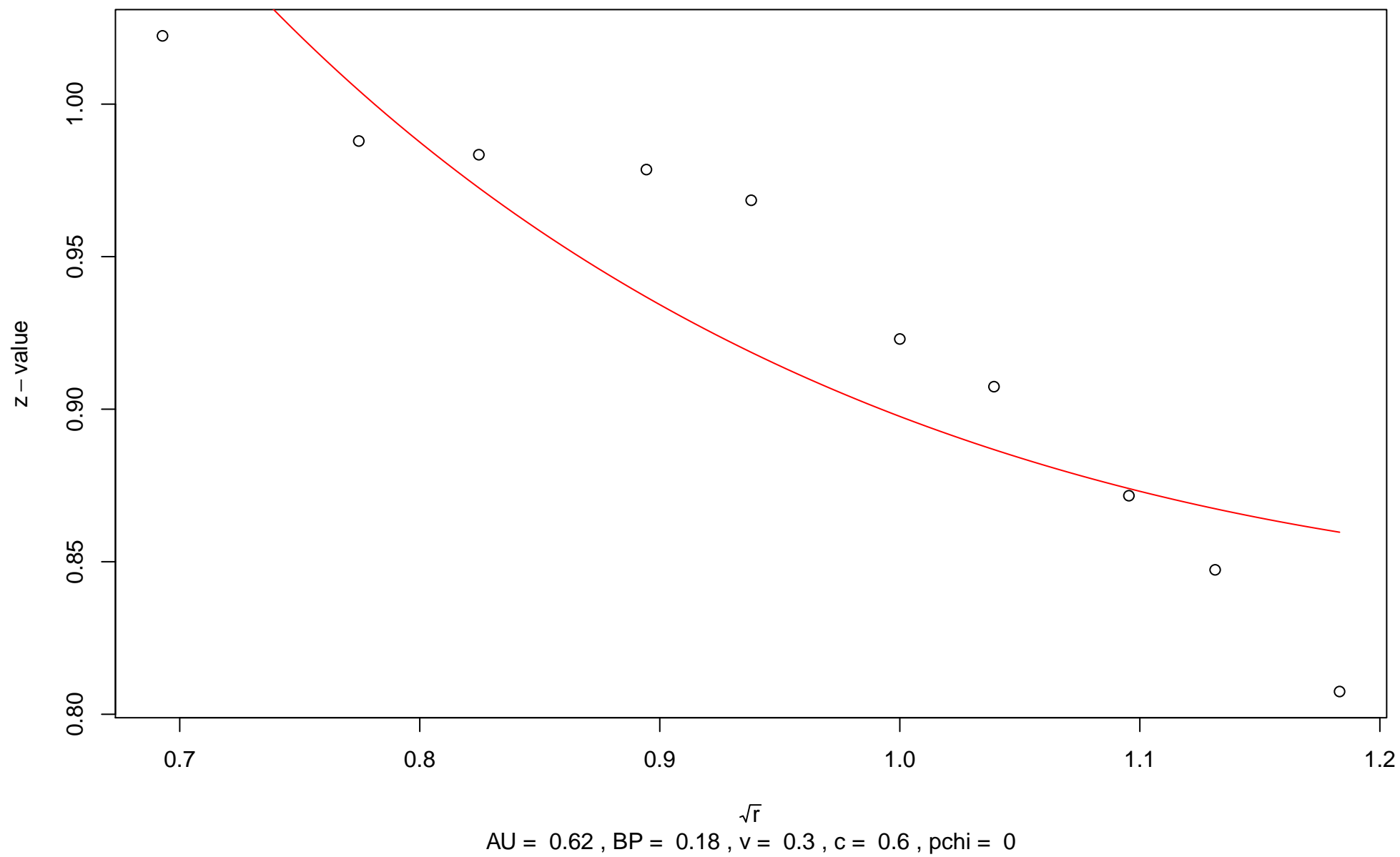


# 117th edge

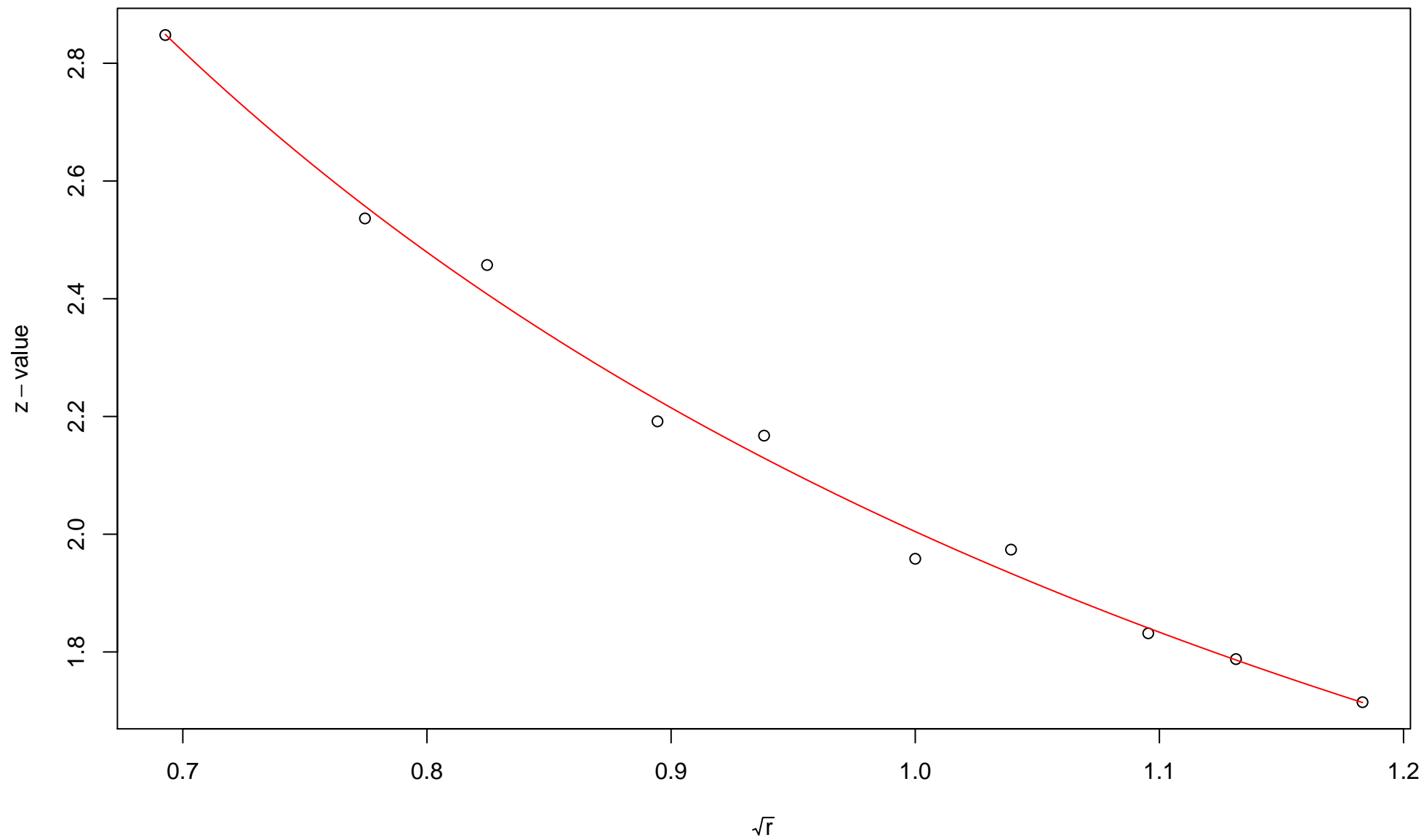


$\sqrt{r}$   
AU = 0.99 , BP = 0.64 ,  $v = -1.27$  , c = 0.9 , pchi = 0.04

# 118th edge

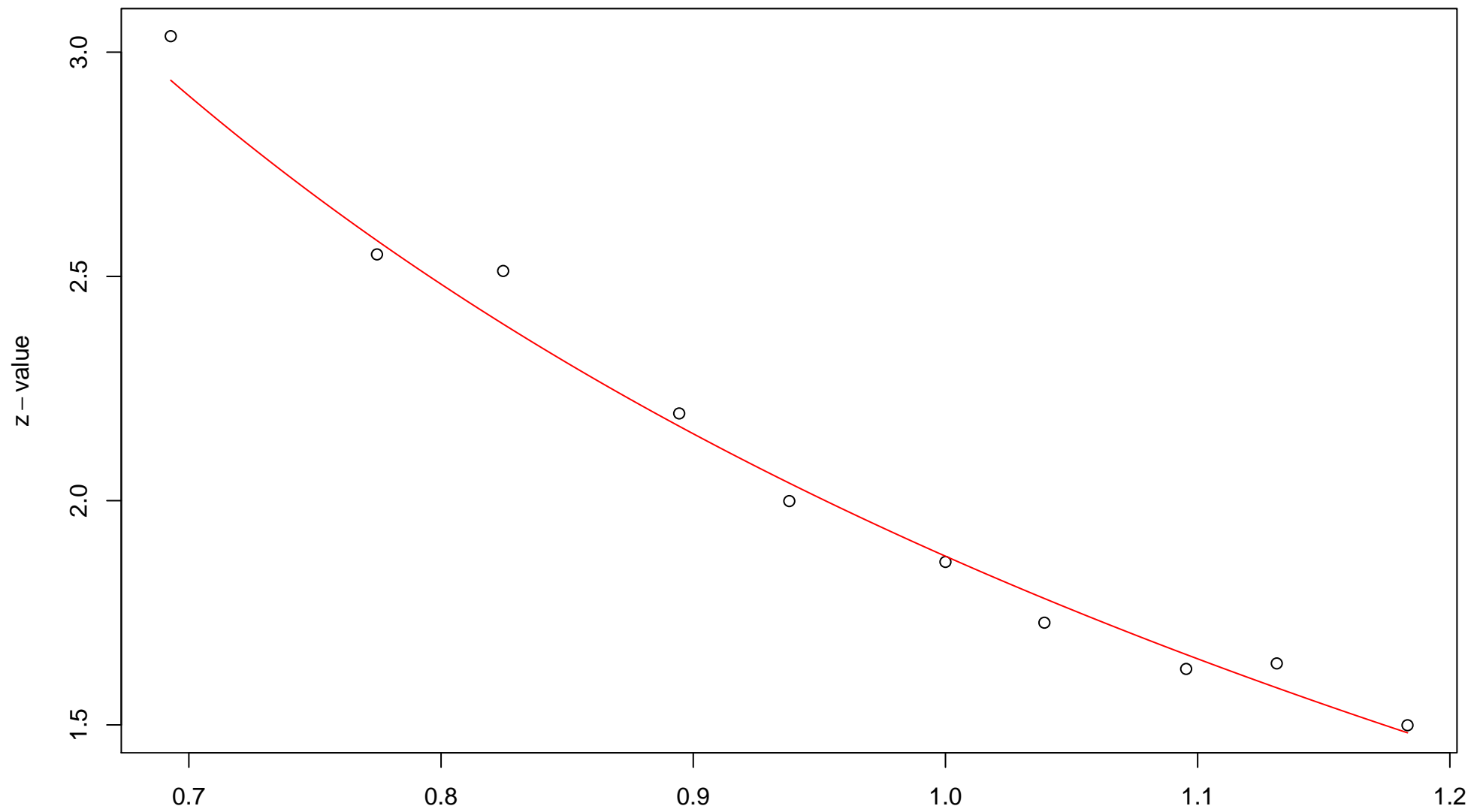


# 119th edge



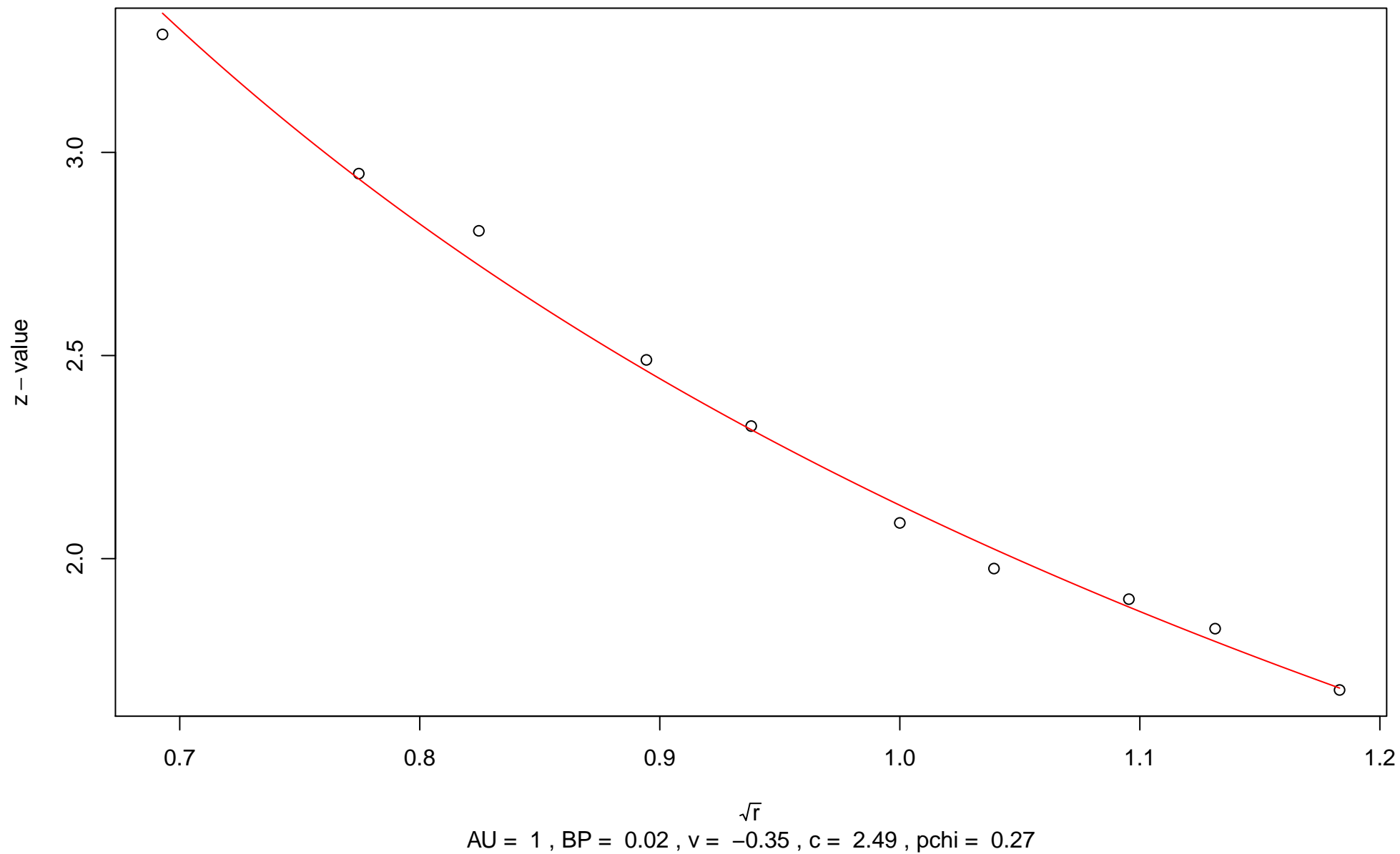


# 120th edge

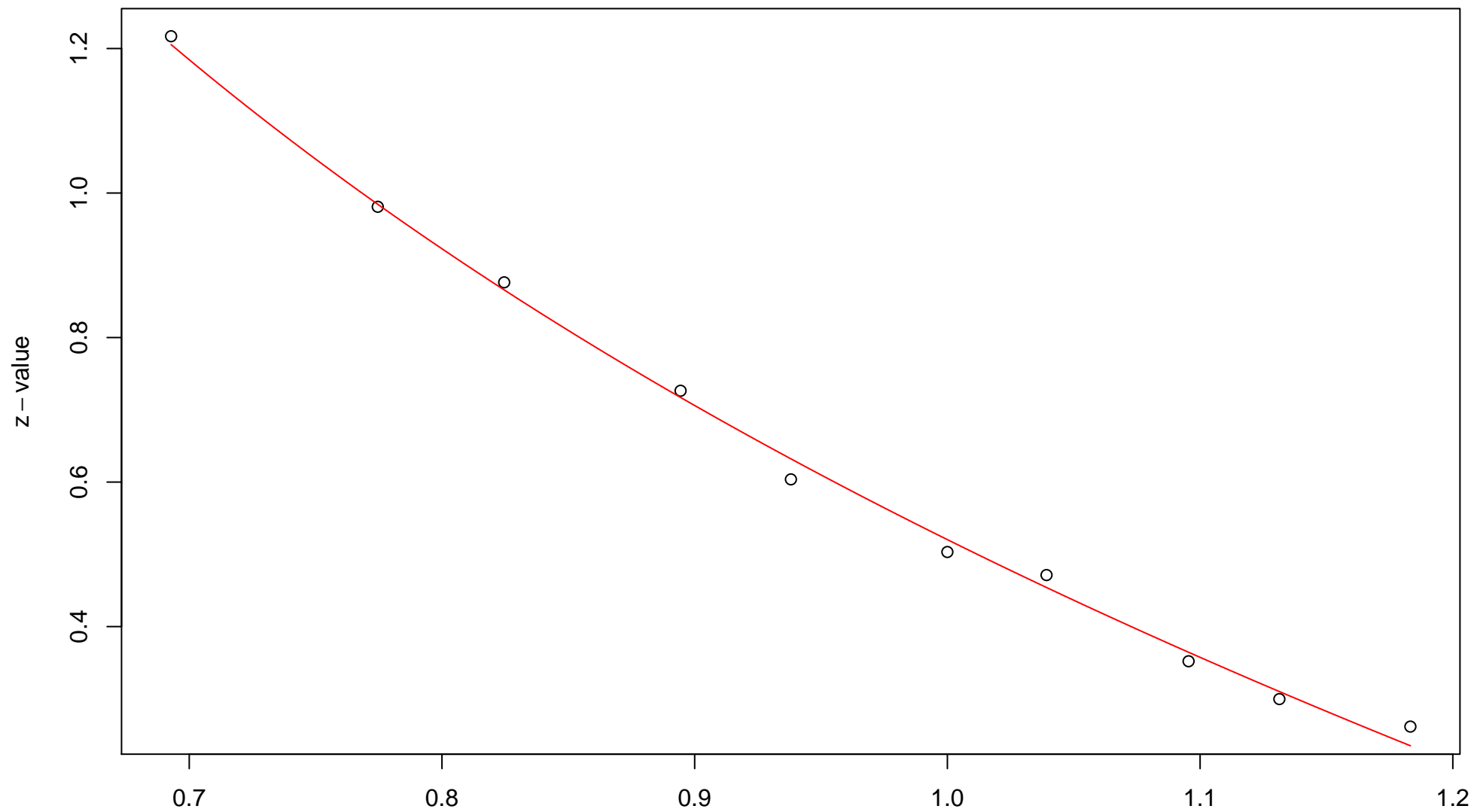


$\sqrt{r}$   
AU = 0.99 , BP = 0.03 , v = -0.31 , c = 2.18 , pchi = 0

# 121st edge

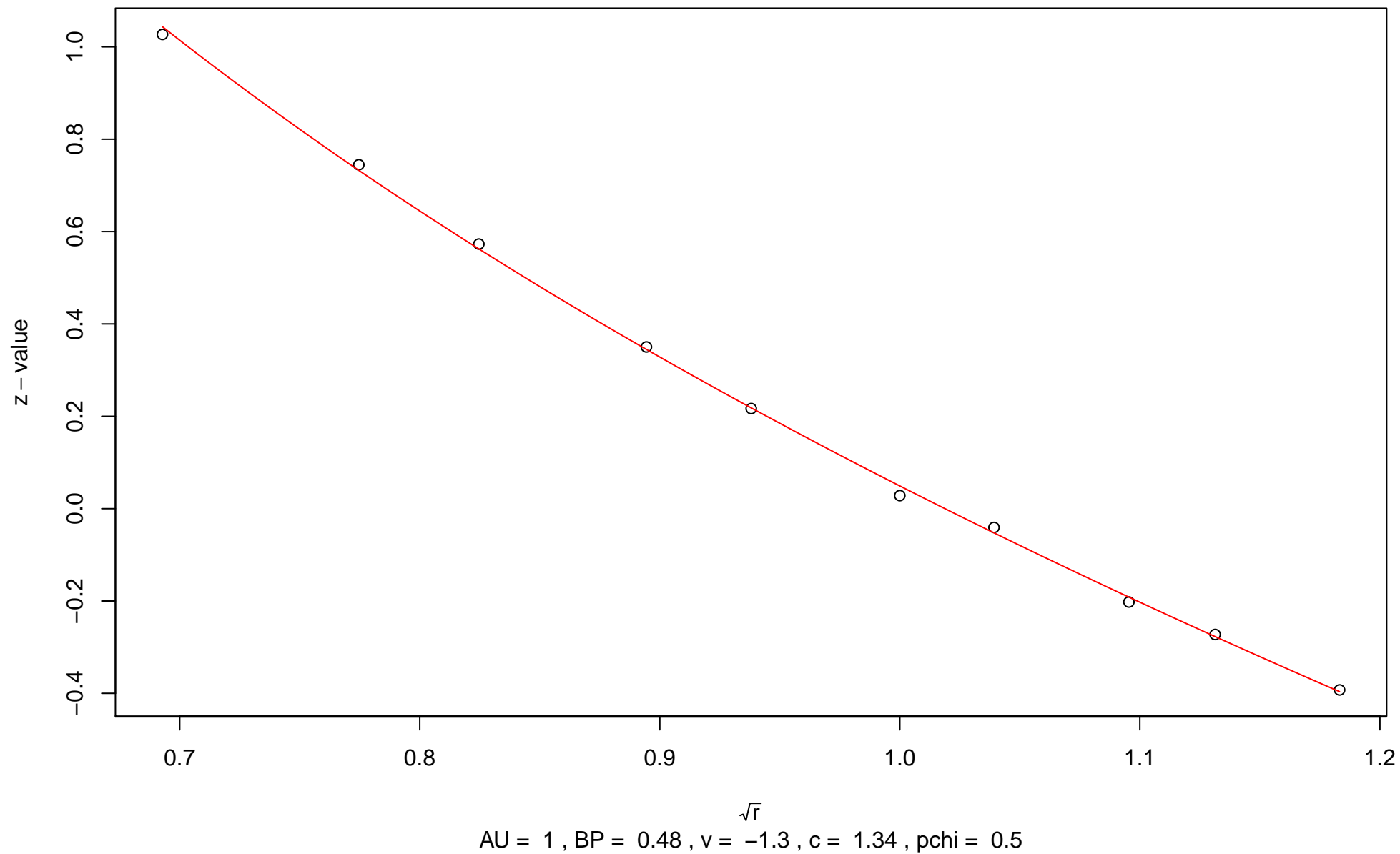


# 122nd edge

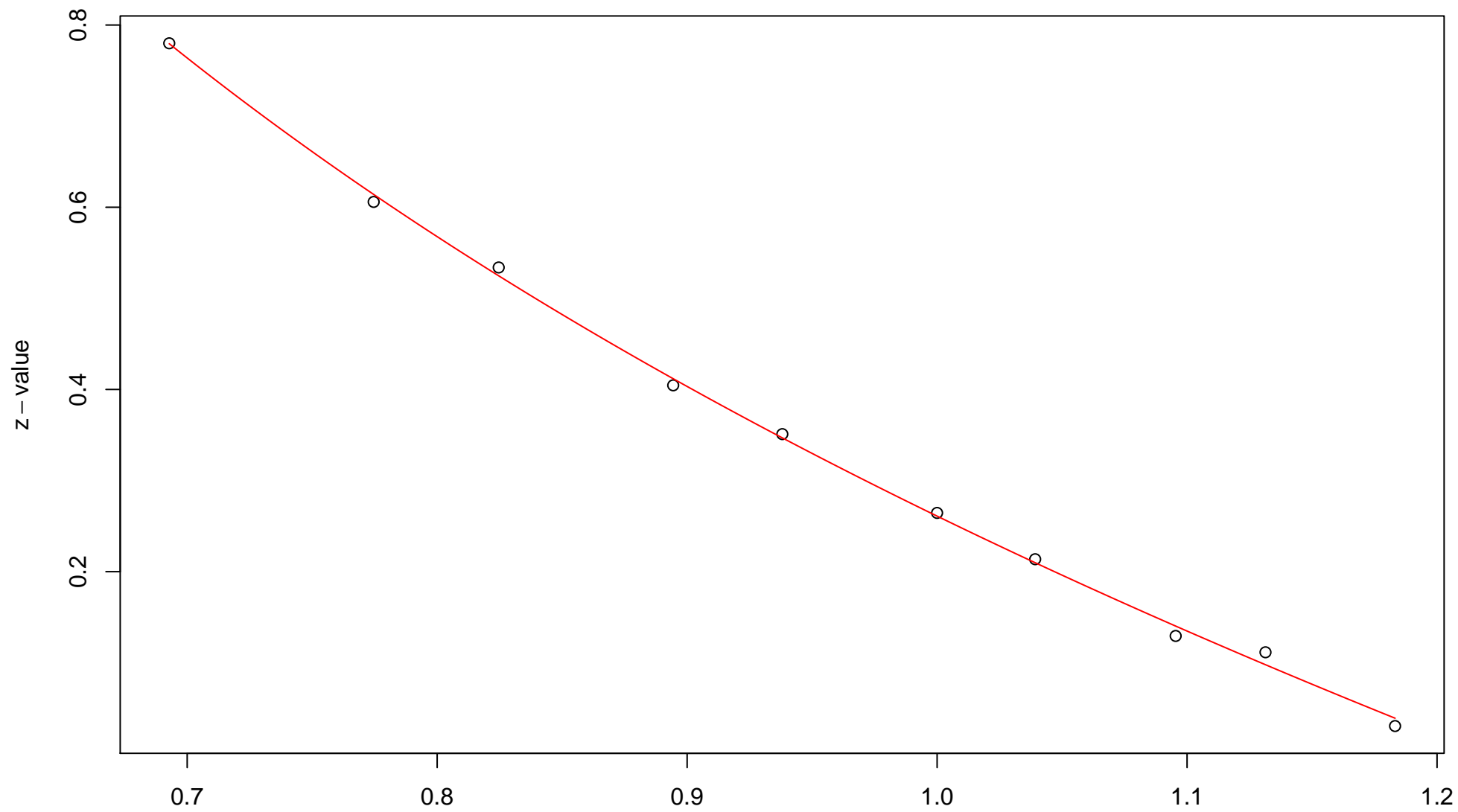


$\sqrt{r}$   
AU = 0.96 , BP = 0.3 ,  $v = -0.61$  , c = 1.13 , pchi = 0.05

# 123rd edge

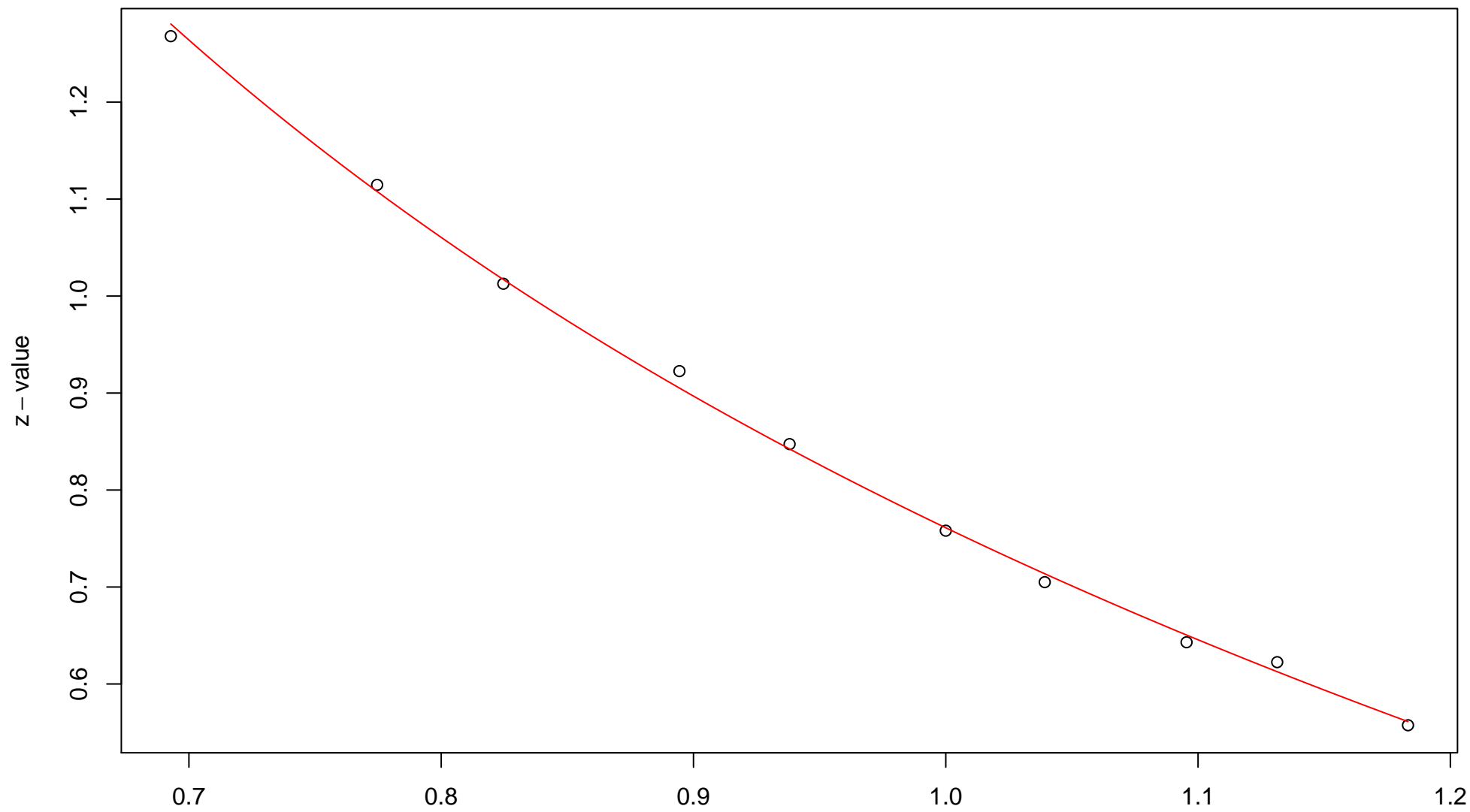


# 124th edge



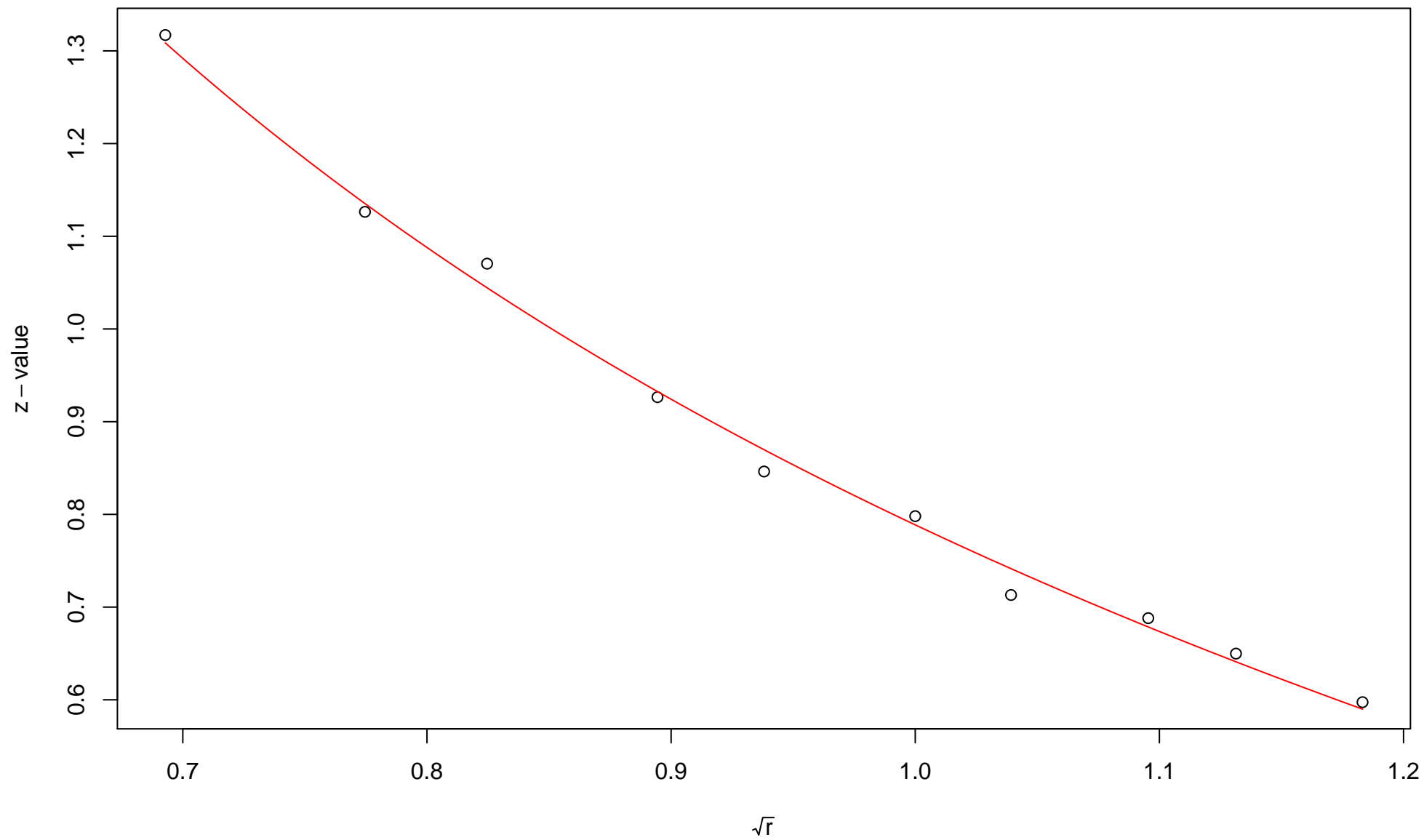
$\sqrt{r}$   
AU = 0.91 , BP = 0.4 ,  $v = -0.54$  ,  $c = 0.8$  ,  $pchi = 0.87$

# 125th edge



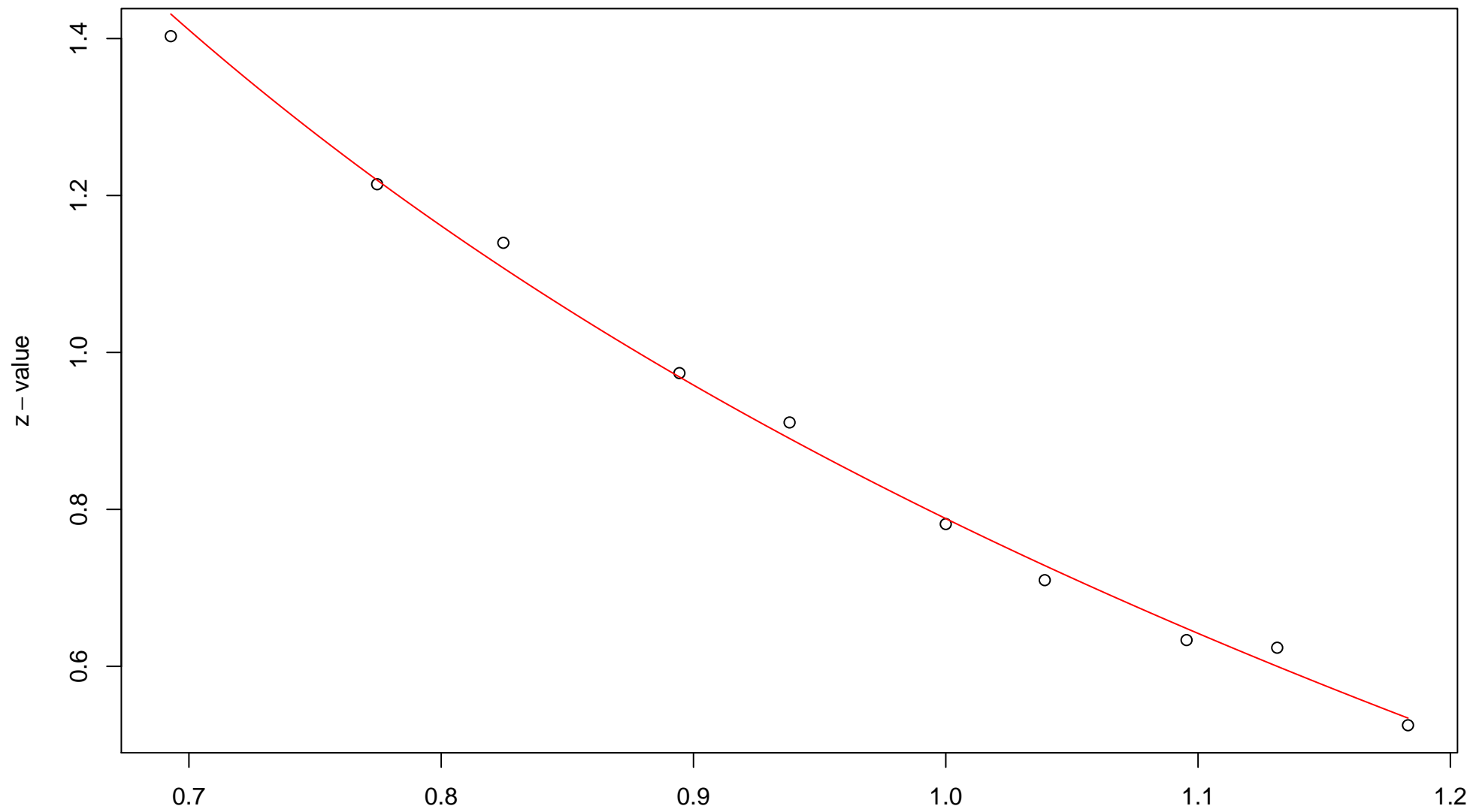
$\sqrt{r}$   
AU = 0.89 , BP = 0.22 ,  $v = -0.24$  , c = 1 , pchi = 0.88

# 126th edge



$\sqrt{r}$   
AU = 0.89 , BP = 0.22 ,  $v = -0.23$  ,  $c = 1.02$  ,  $pchi = 0.14$

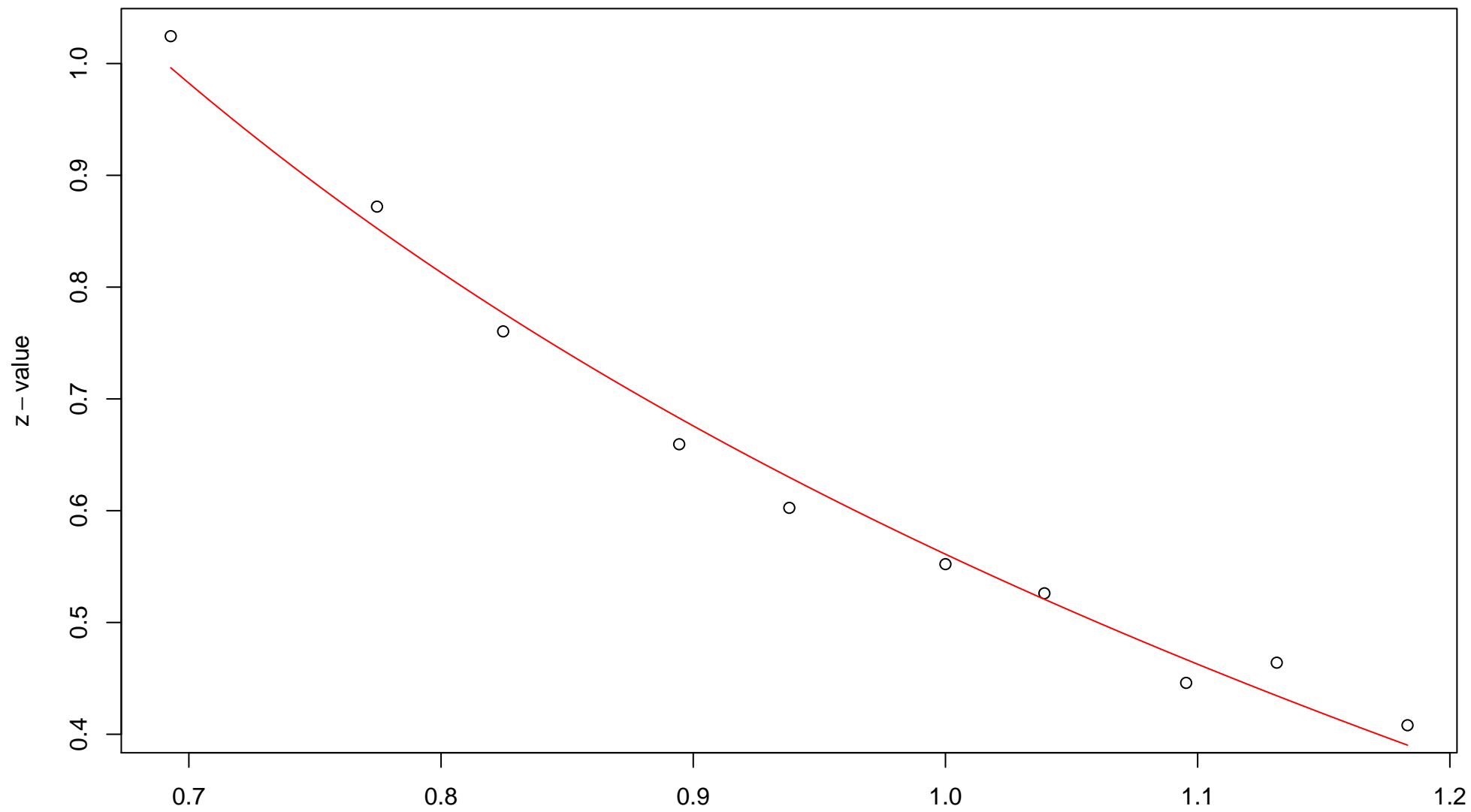
# 127th edge



$\sqrt{r}$   
AU = 0.94 , BP = 0.22 ,  $v = -0.39$  , c = 1.18 , pchi = 0.05

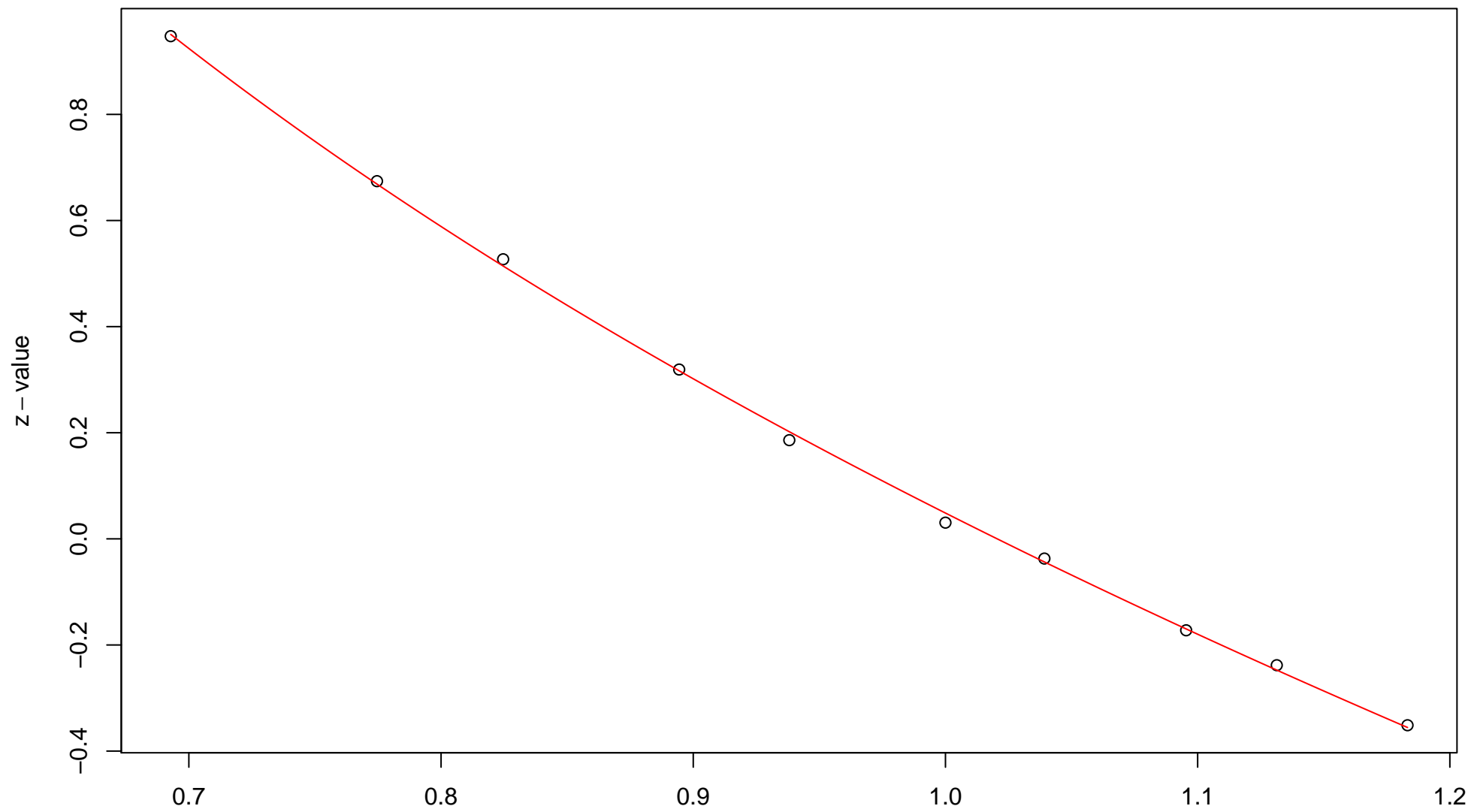


# 128th edge



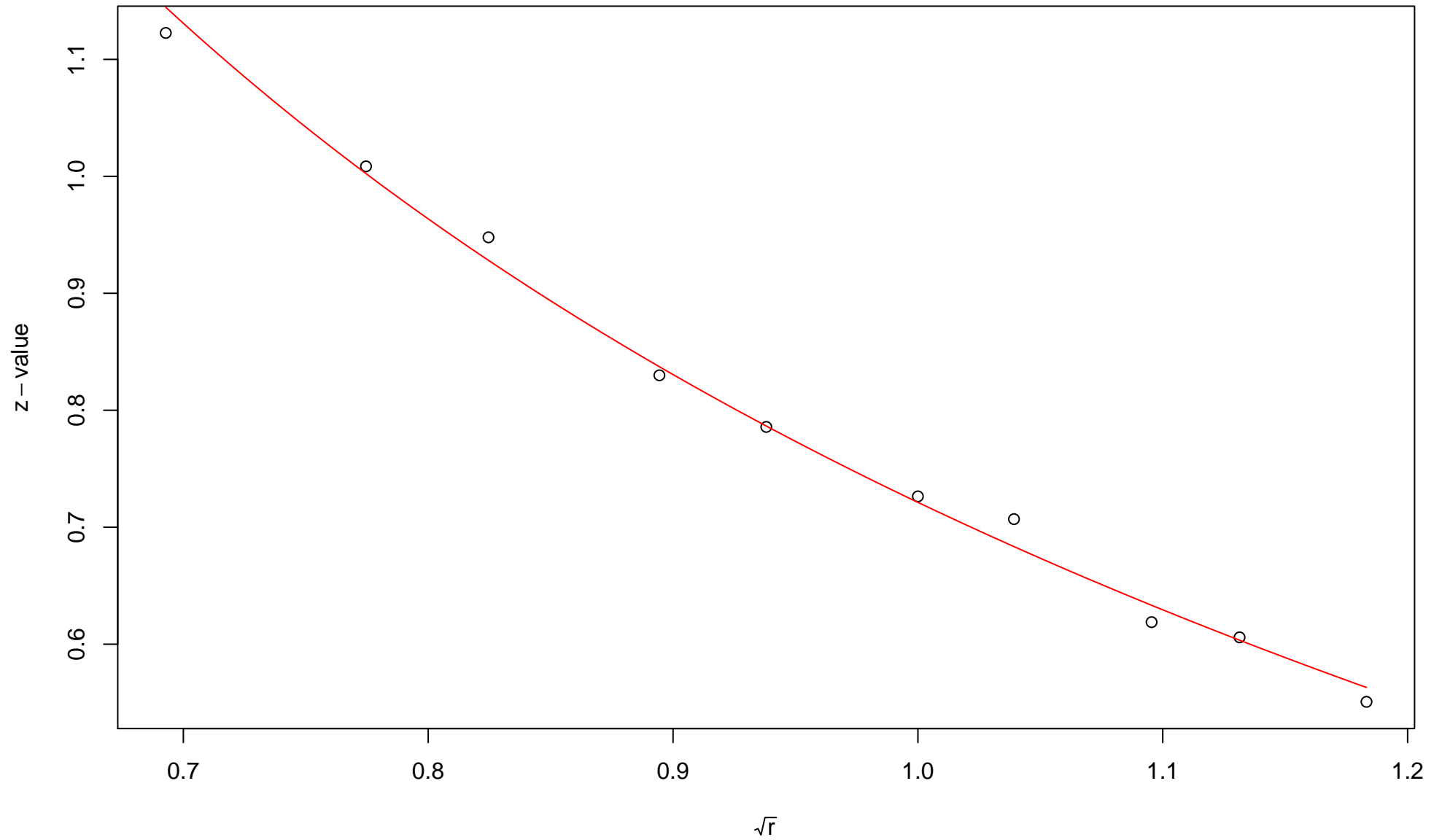
$\sqrt{r}$   
AU = 0.85 , BP = 0.29 , v = -0.25 , c = 0.81 , pchi = 0

# 129th edge



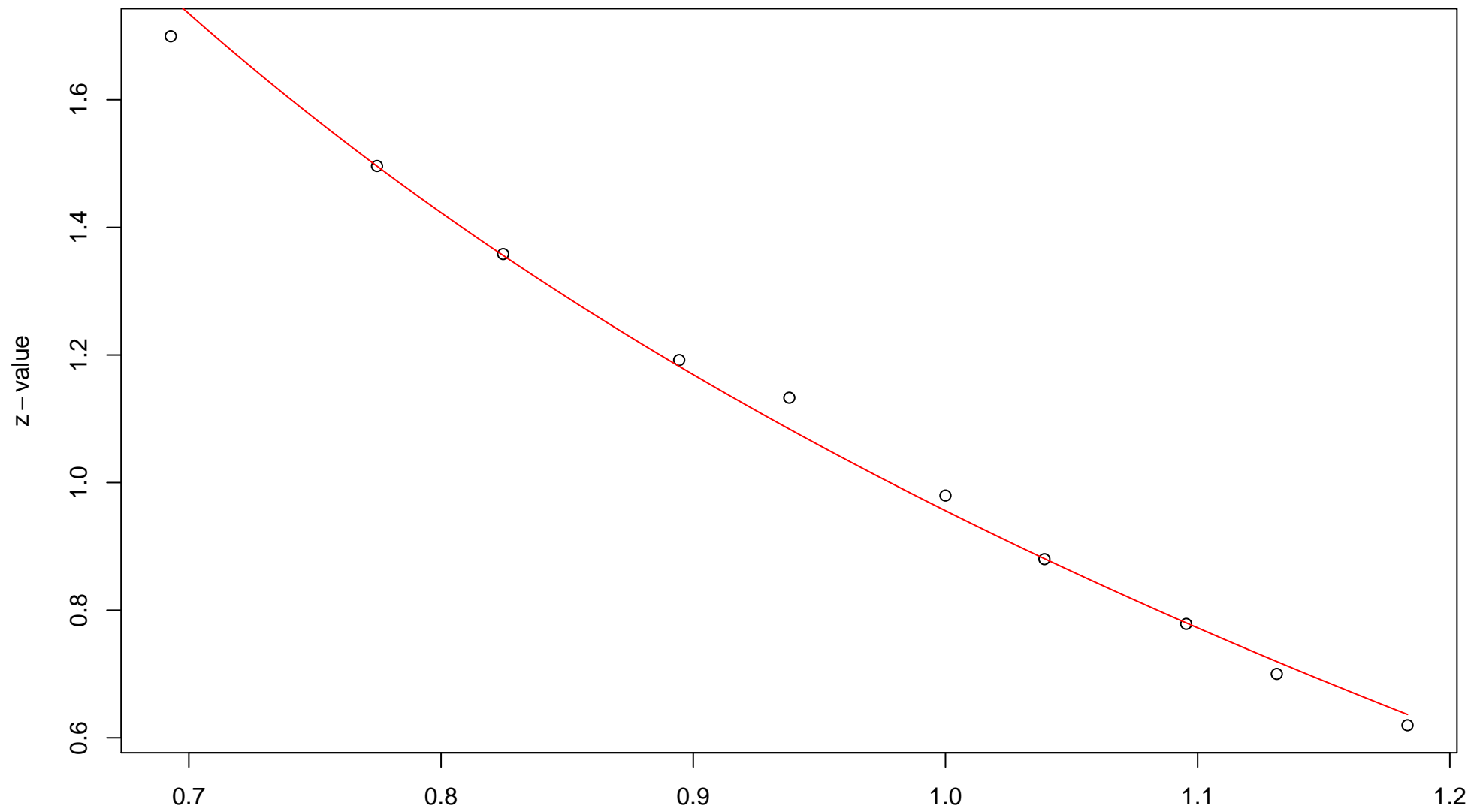
$\sqrt{r}$   
AU = 0.99 , BP = 0.48 ,  $v = -1.17$  , c = 1.22 , pchi = 0.67

### 130th edge



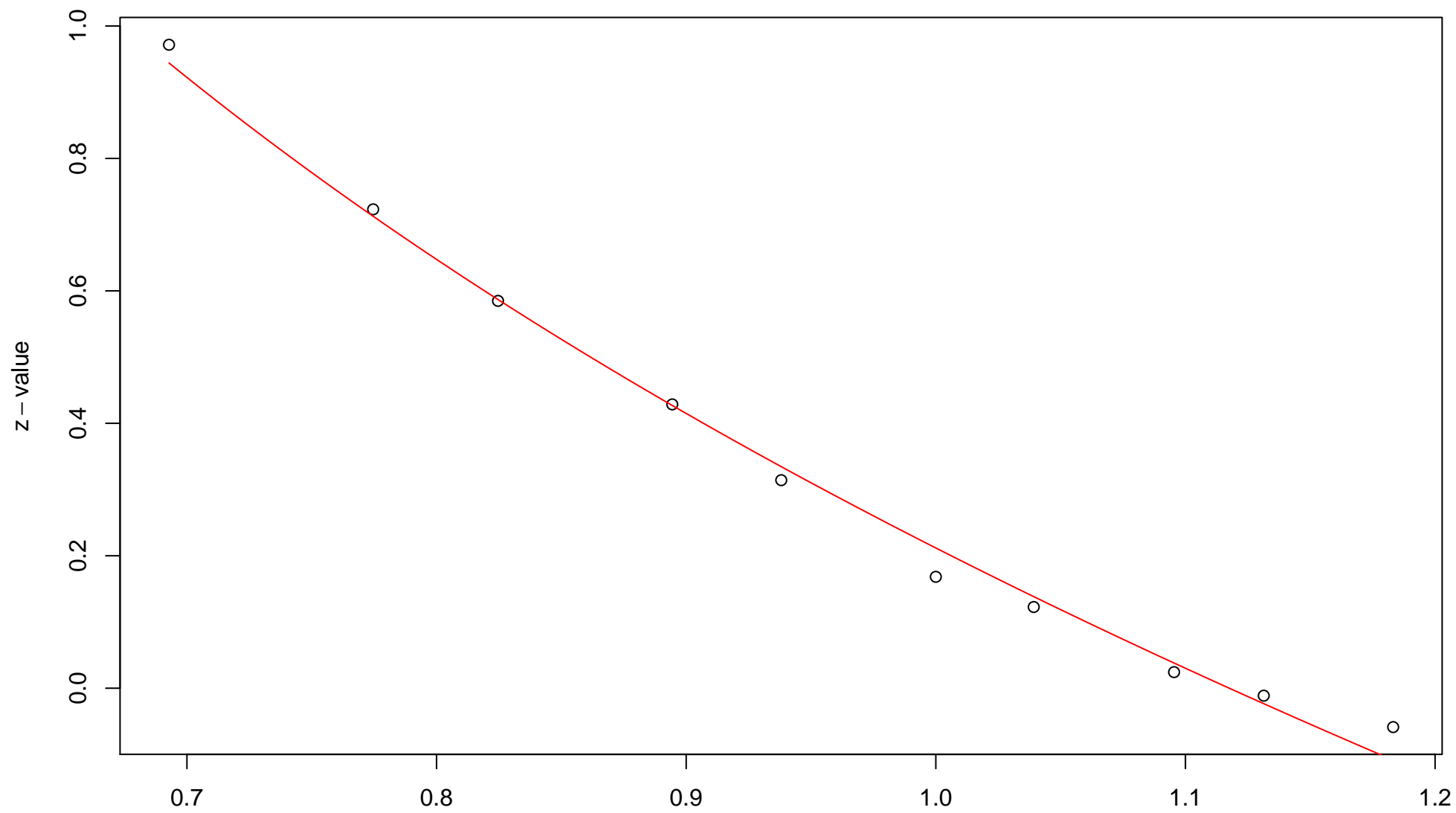
$\sqrt{r}$   
AU = 0.84 , BP = 0.24 ,  $v = -0.14$  ,  $c = 0.86$  , pchi = 0.33

# 131st edge



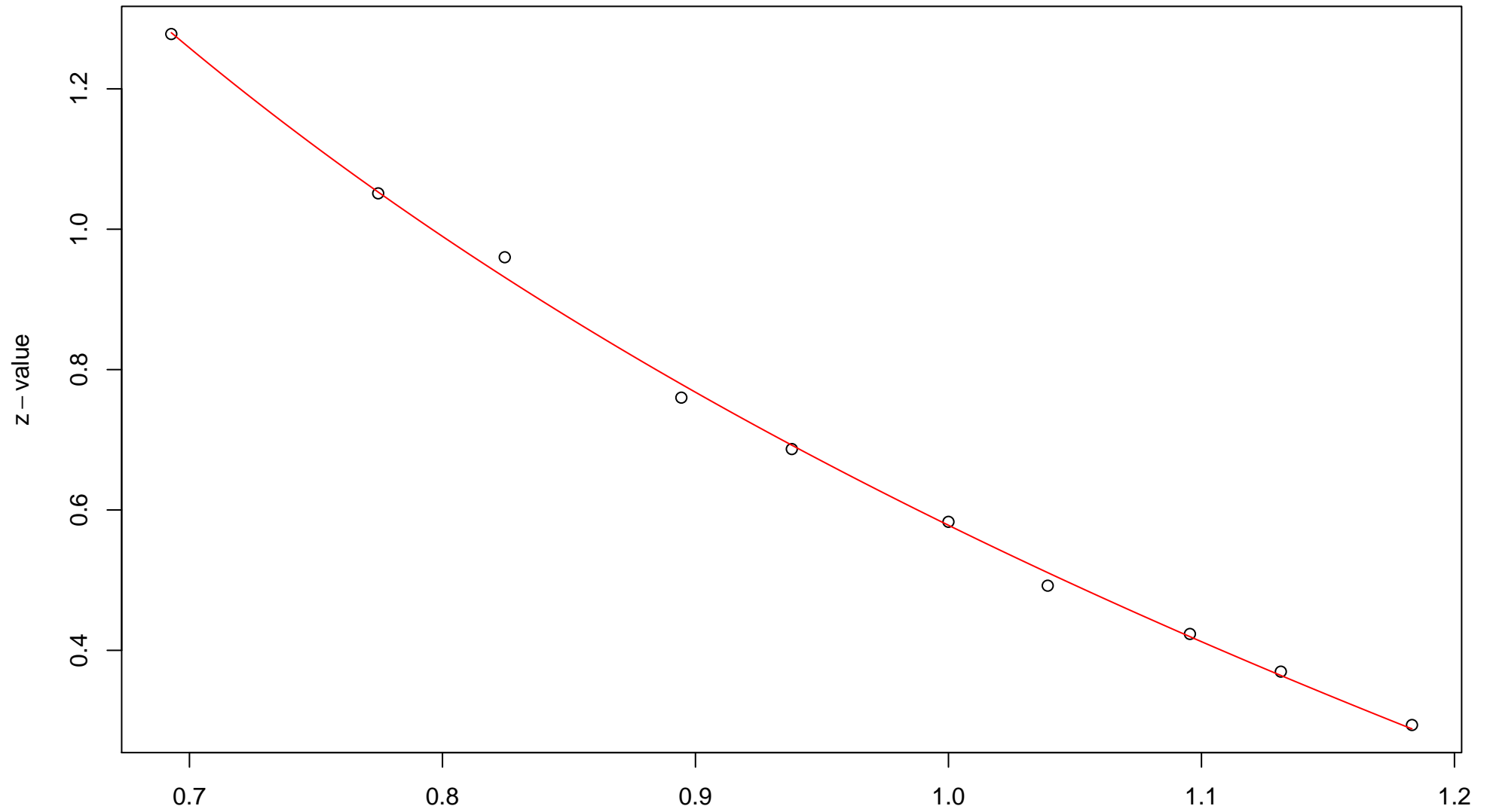
$\sqrt{r}$   
AU = 0.98 , BP = 0.17 , v = -0.51 , c = 1.46 , pchi = 0

# 132nd edge



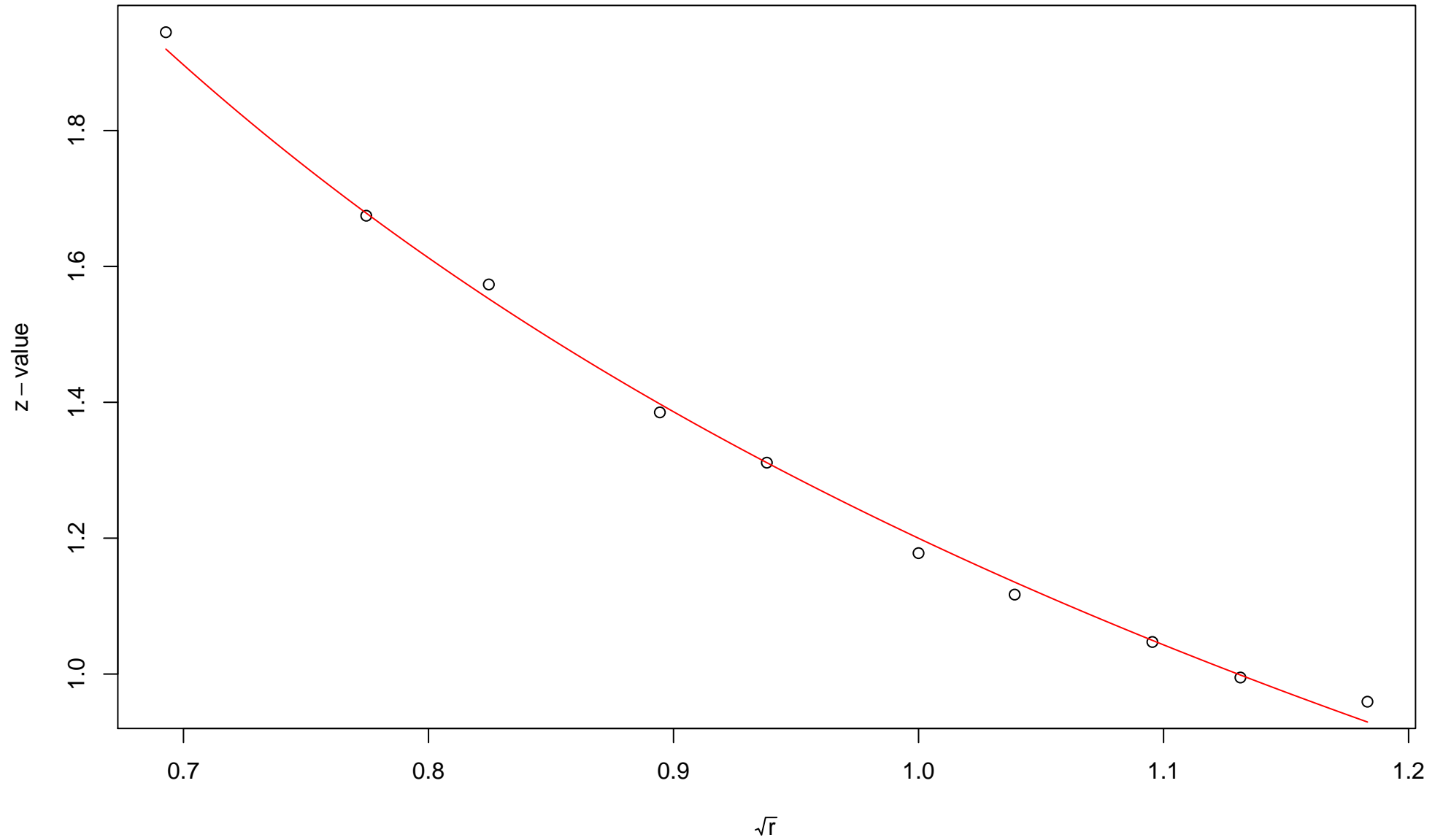
$\sqrt{r}$   
AU = 0.97 , BP = 0.42 , v = -0.85 , c = 1.06 , pchi = 0

### 133rd edge



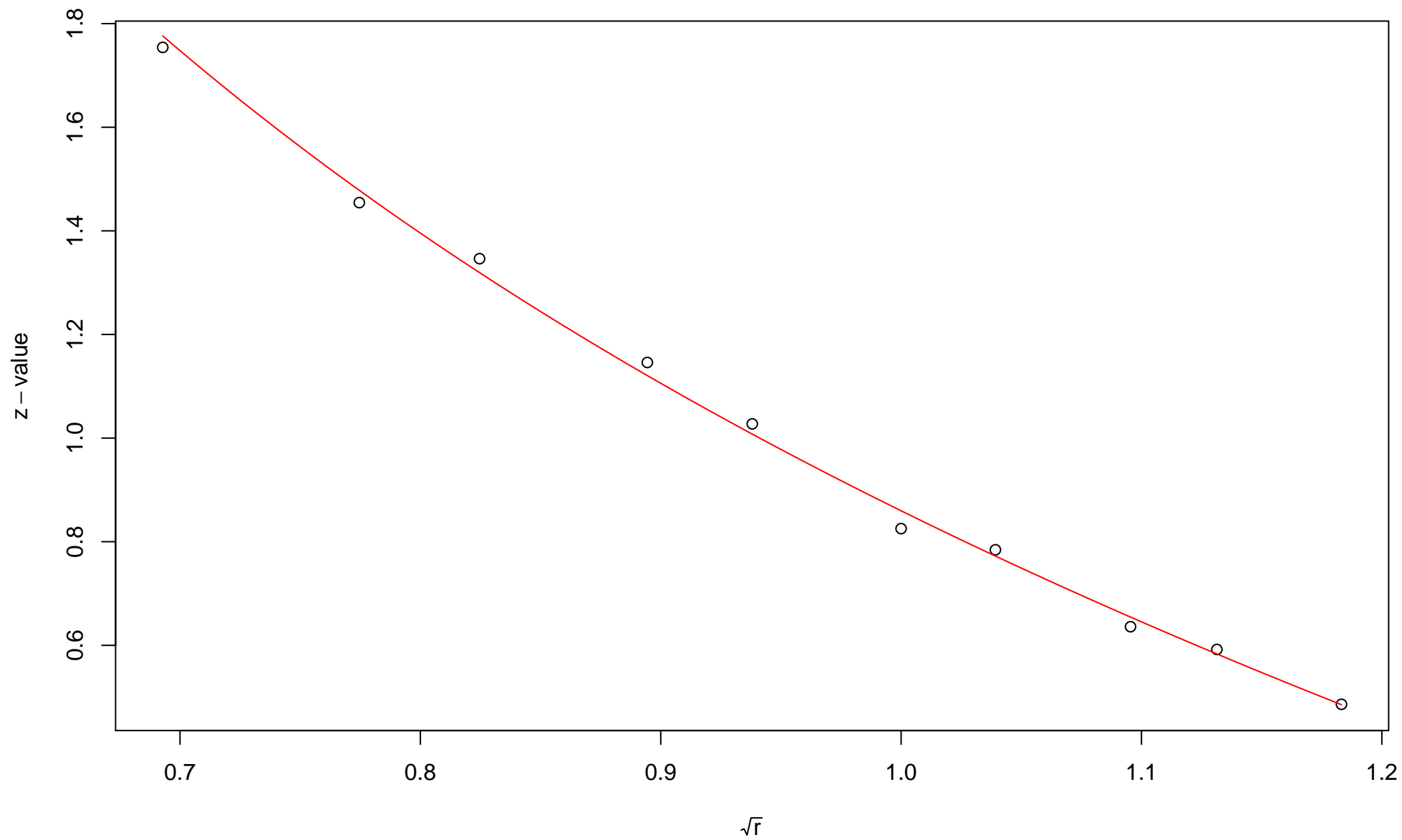
$\sqrt{r}$   
AU = 0.96 , BP = 0.28 ,  $v = -0.59$  , c = 1.17 , pchi = 0.4

### 134th edge



$\sqrt{r}$   
AU = 0.96 , BP = 0.12 ,  $v = -0.25$  ,  $c = 1.45$  , pchi = 0.28

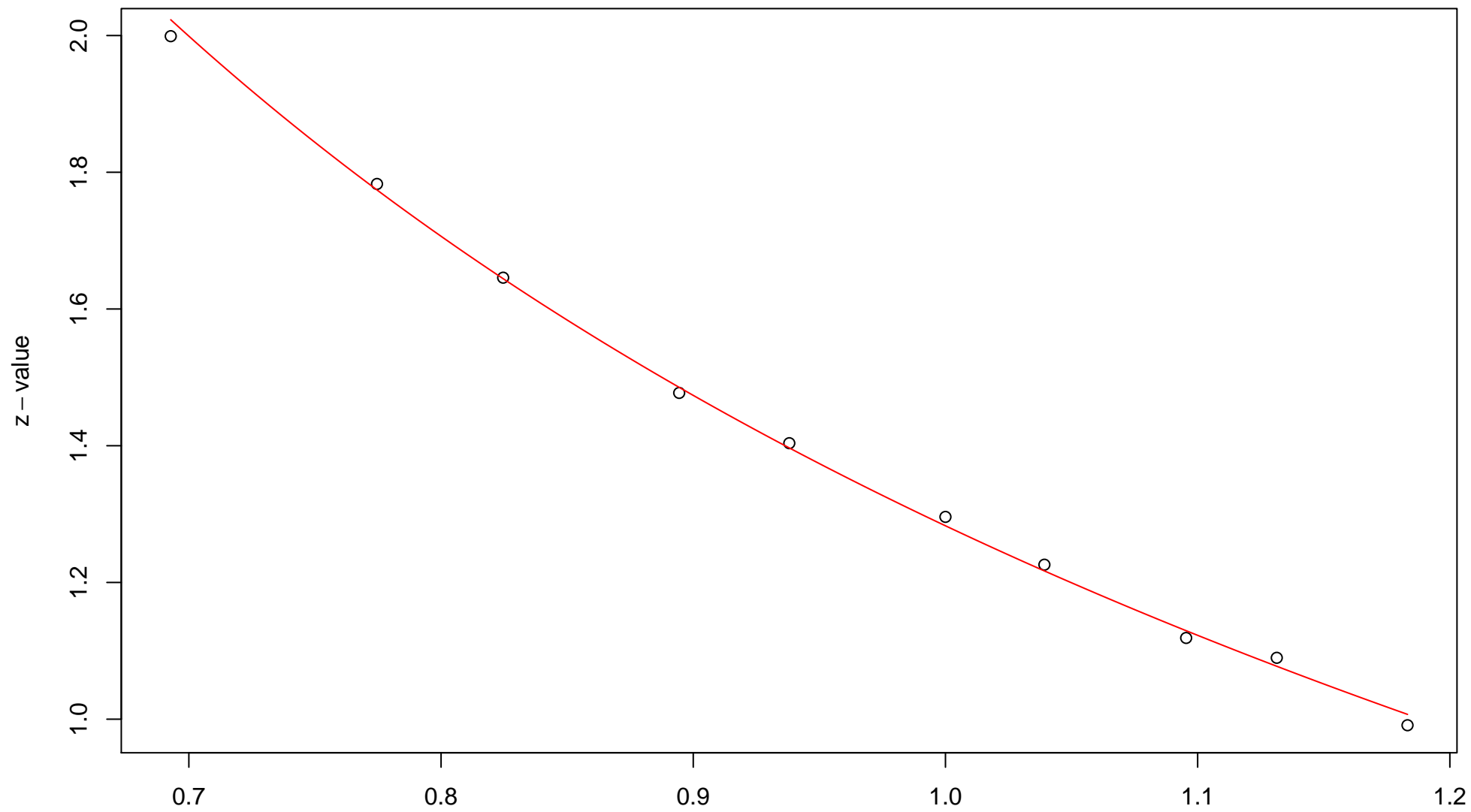
### 135th edge



$\sqrt{r}$   
AU = 0.99 , BP = 0.19 ,  $v = -0.71$  ,  $c = 1.57$  , pchi = 0.02

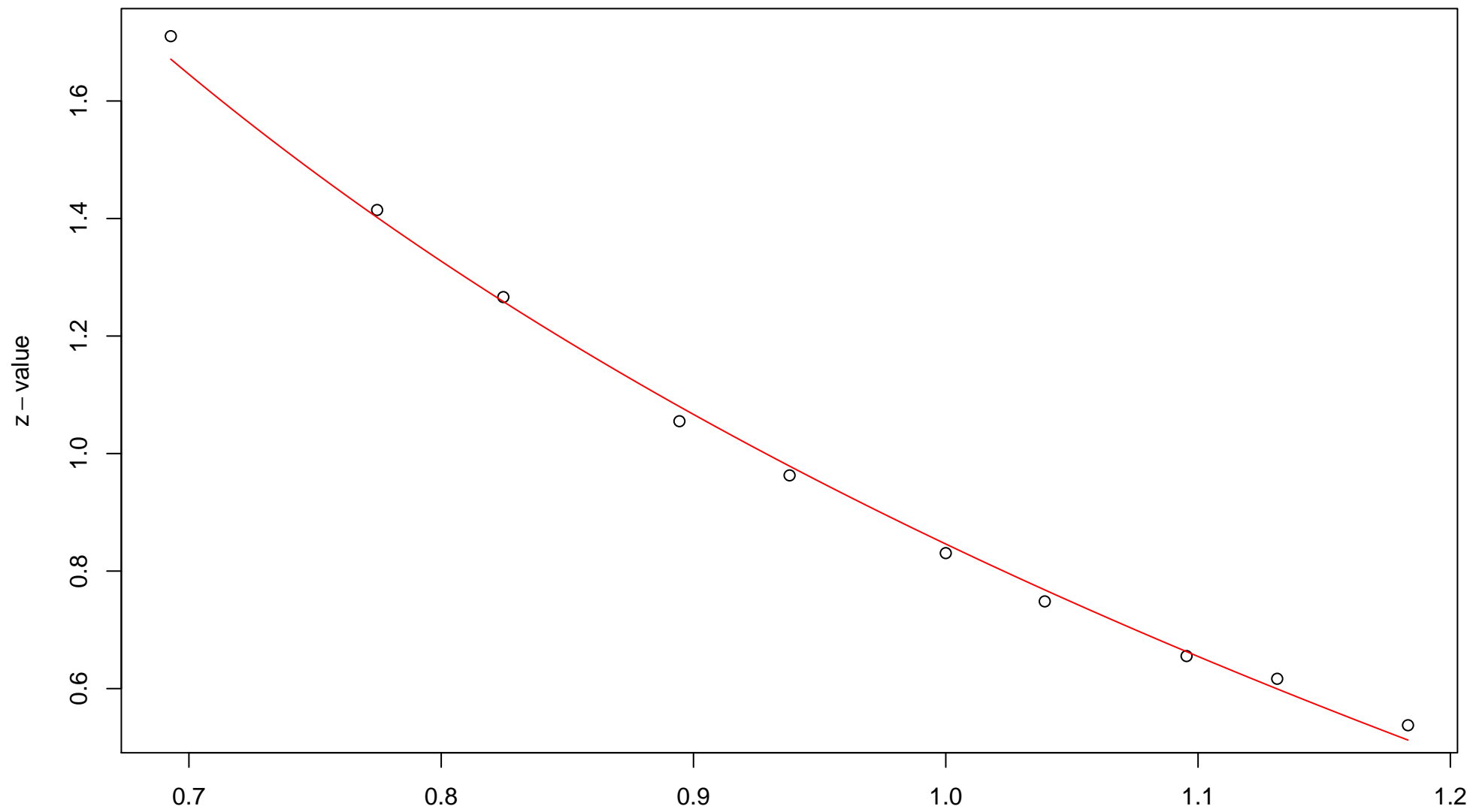


### 136th edge



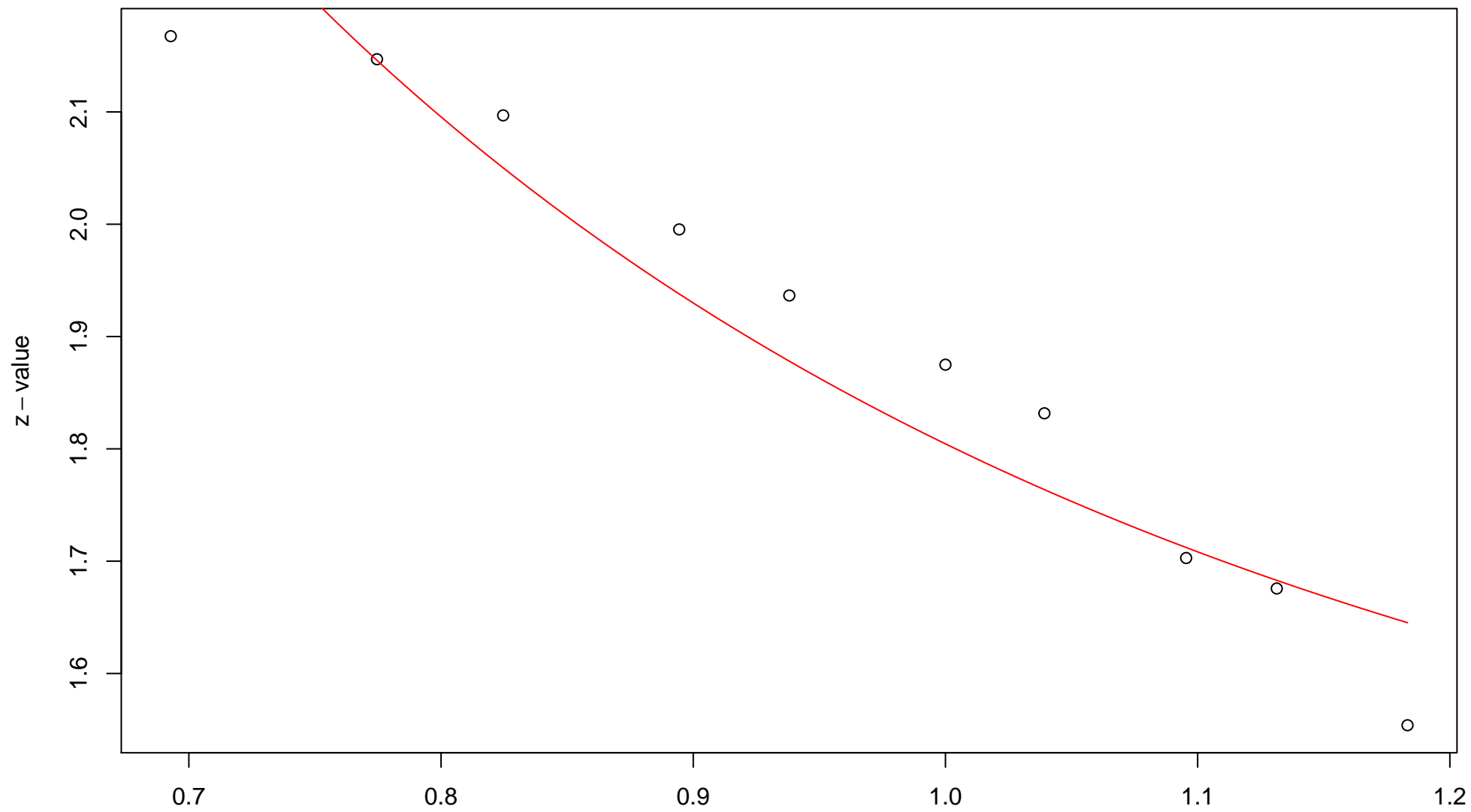
$\sqrt{r}$   
AU = 0.96 , BP = 0.1 ,  $v = -0.23$  ,  $c = 1.51$  ,  $pchi = 0.83$

# 137th edge



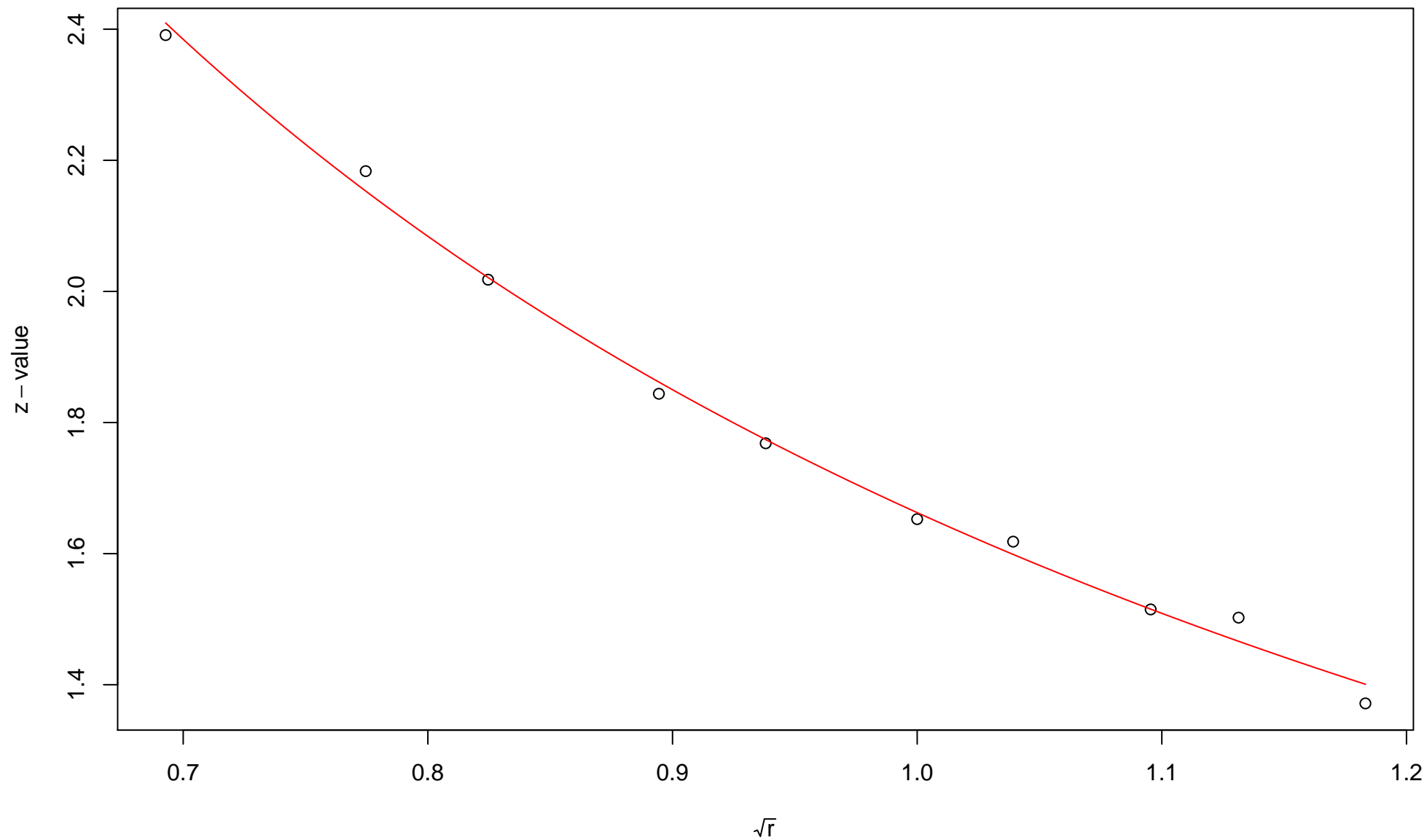
$\sqrt{r}$   
AU = 0.98 , BP = 0.2 ,  $v = -0.6$  ,  $c = 1.45$  ,  $pchi = 0.04$

# 138th edge



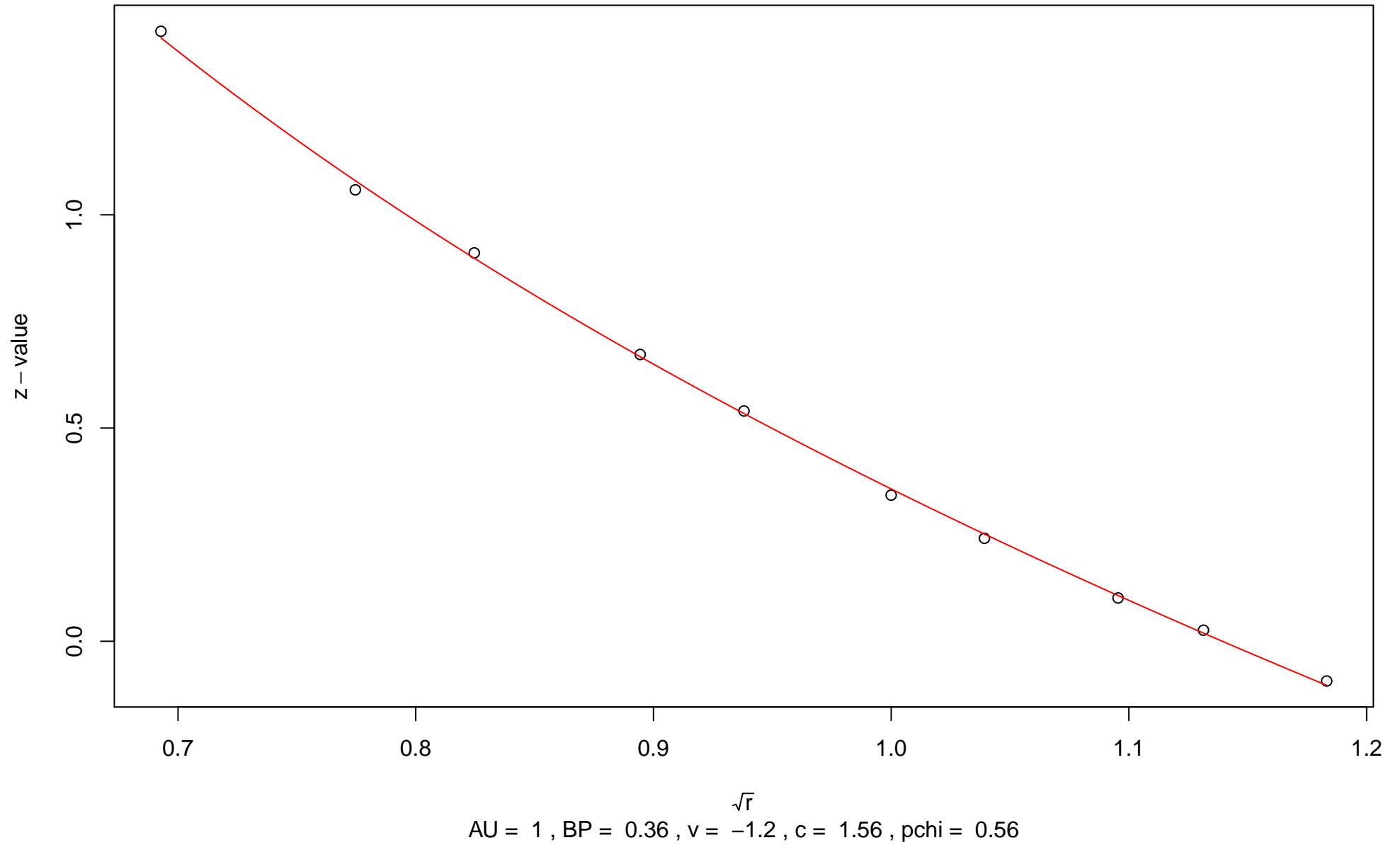
$\sqrt{r}$   
AU = 0.86 , BP = 0.04 ,  $v$  = 0.36 ,  $c$  = 1.45 ,  $pchi$  = 0

# 139th edge

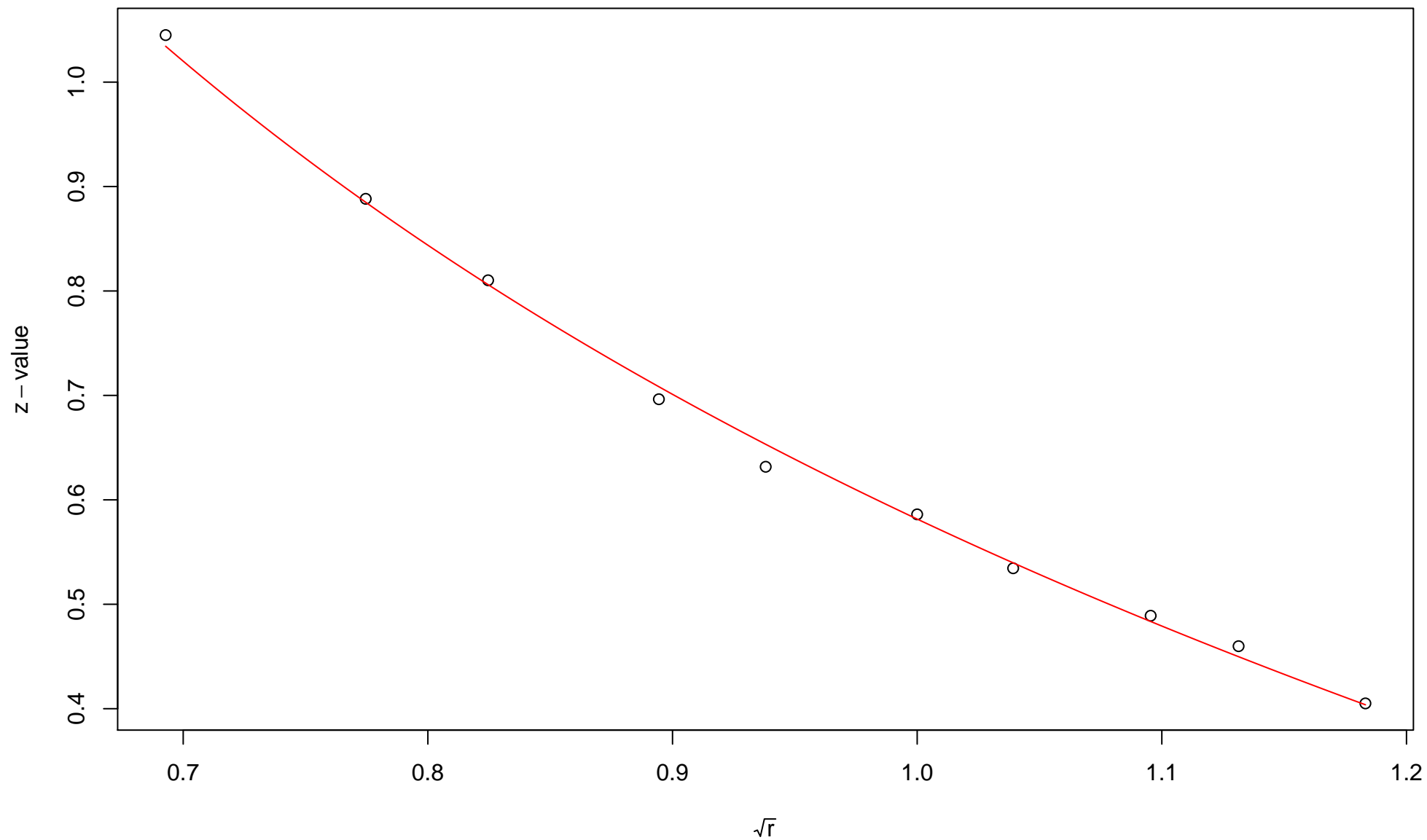


$\sqrt{r}$   
AU = 0.95 , BP = 0.05 ,  $v = -0.01$  ,  $c = 1.68$  ,  $pchi = 0.35$

# 140th edge

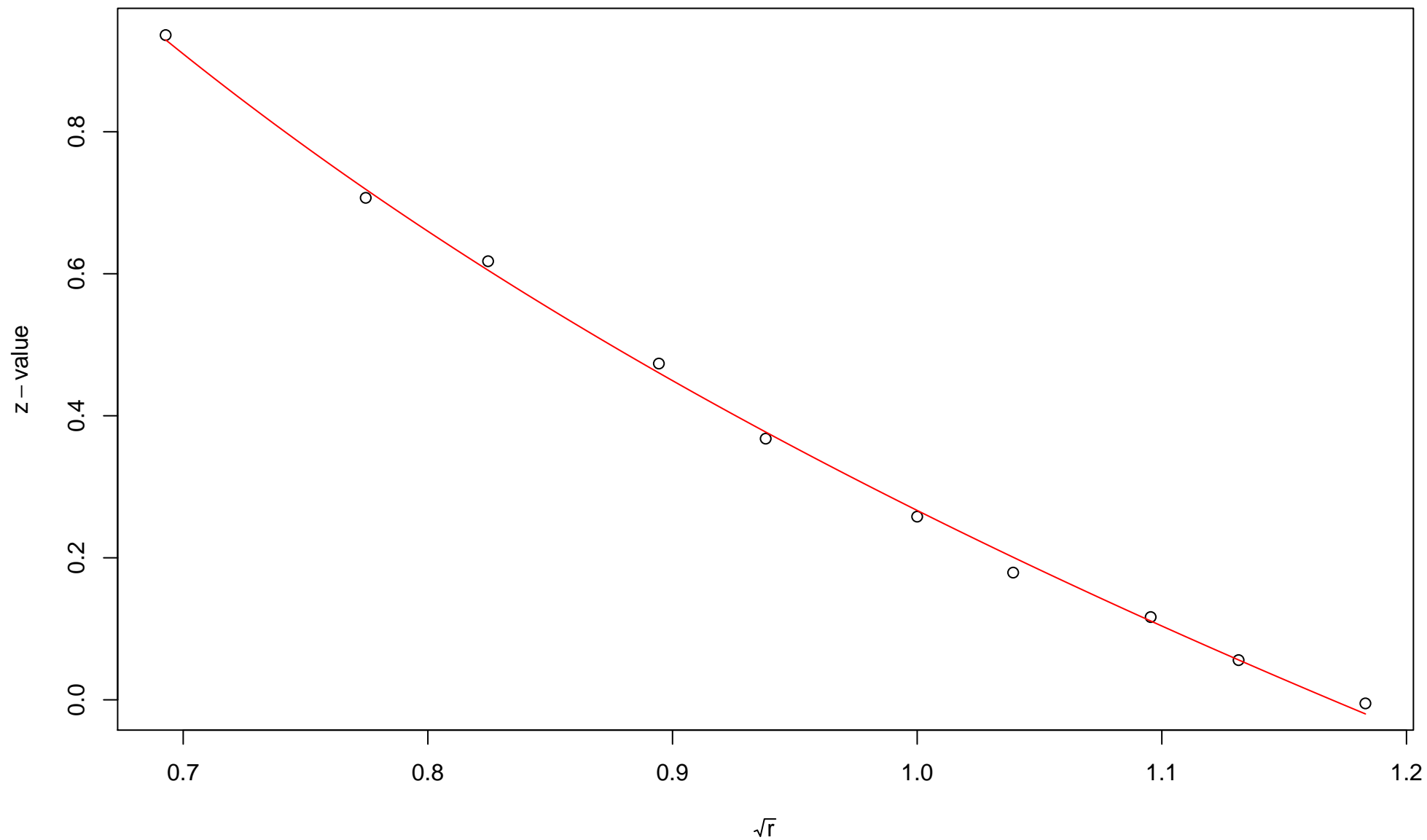


# 141st edge



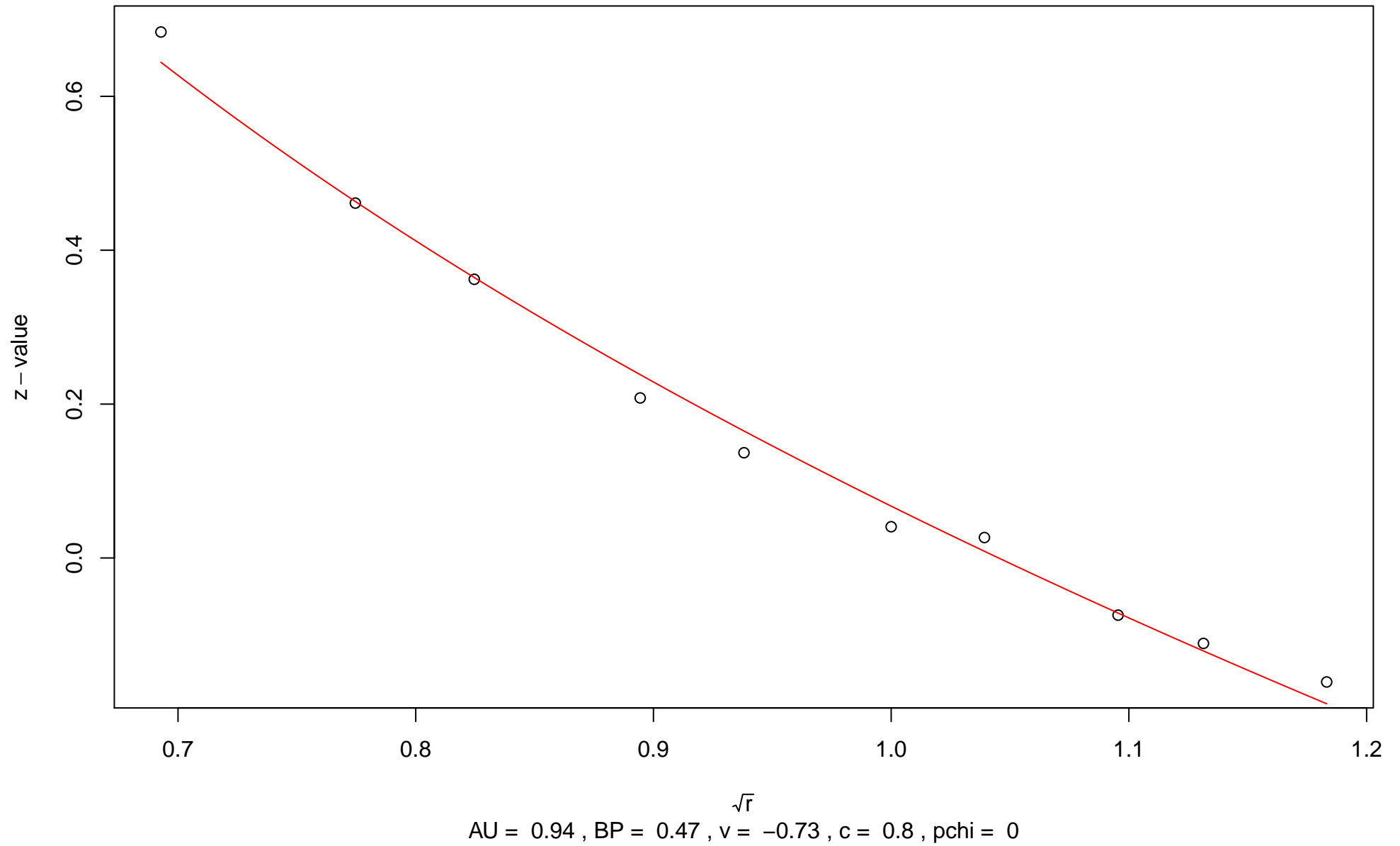
$\sqrt{r}$   
AU = 0.86 , BP = 0.28 ,  $v$  = -0.26 ,  $c$  = 0.84 , pchi = 0.76

# 142nd edge



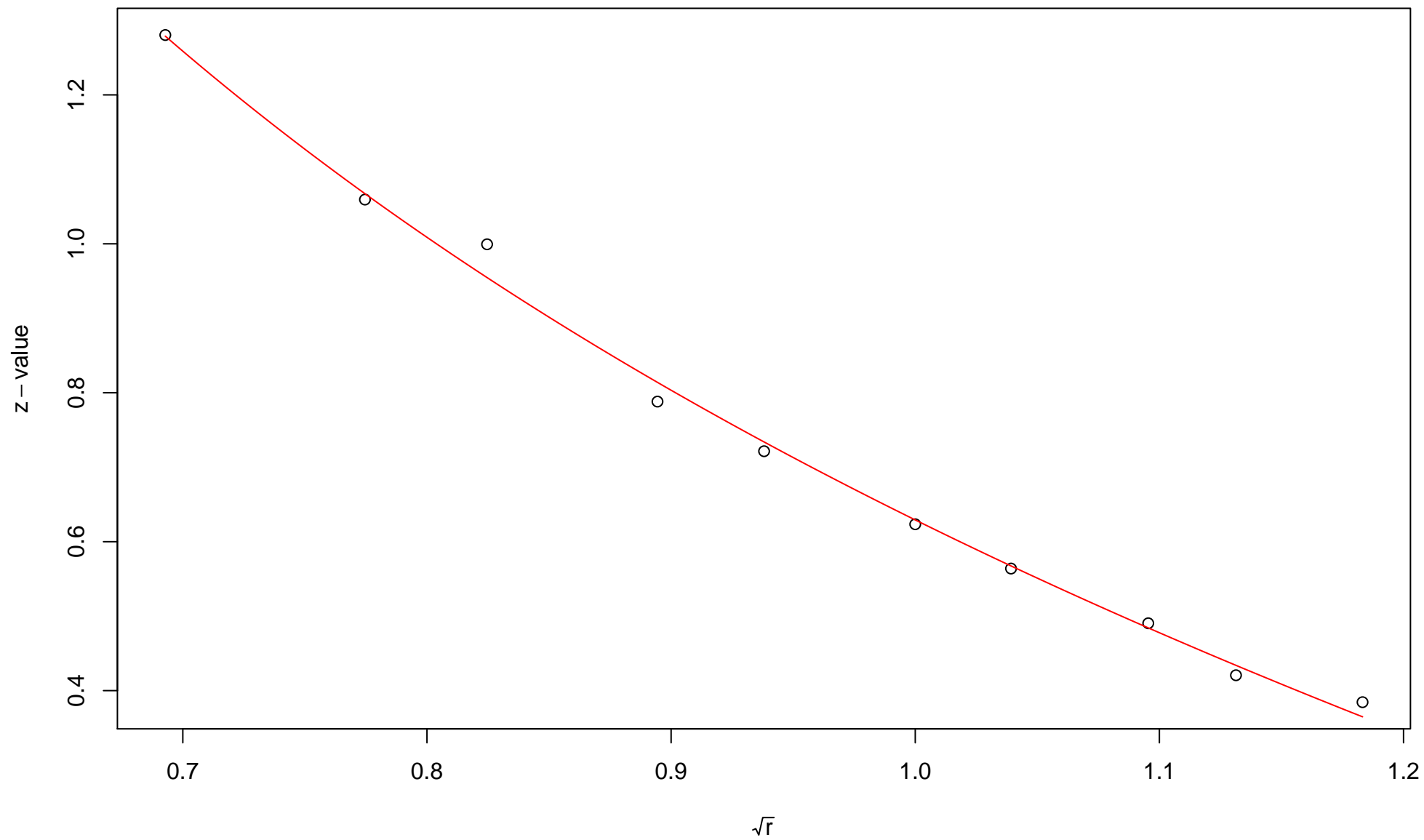
$\sqrt{r}$   
AU = 0.96 , BP = 0.39 ,  $v = -0.73$  ,  $c = 0.99$  , pchi = 0.39

# 143rd edge



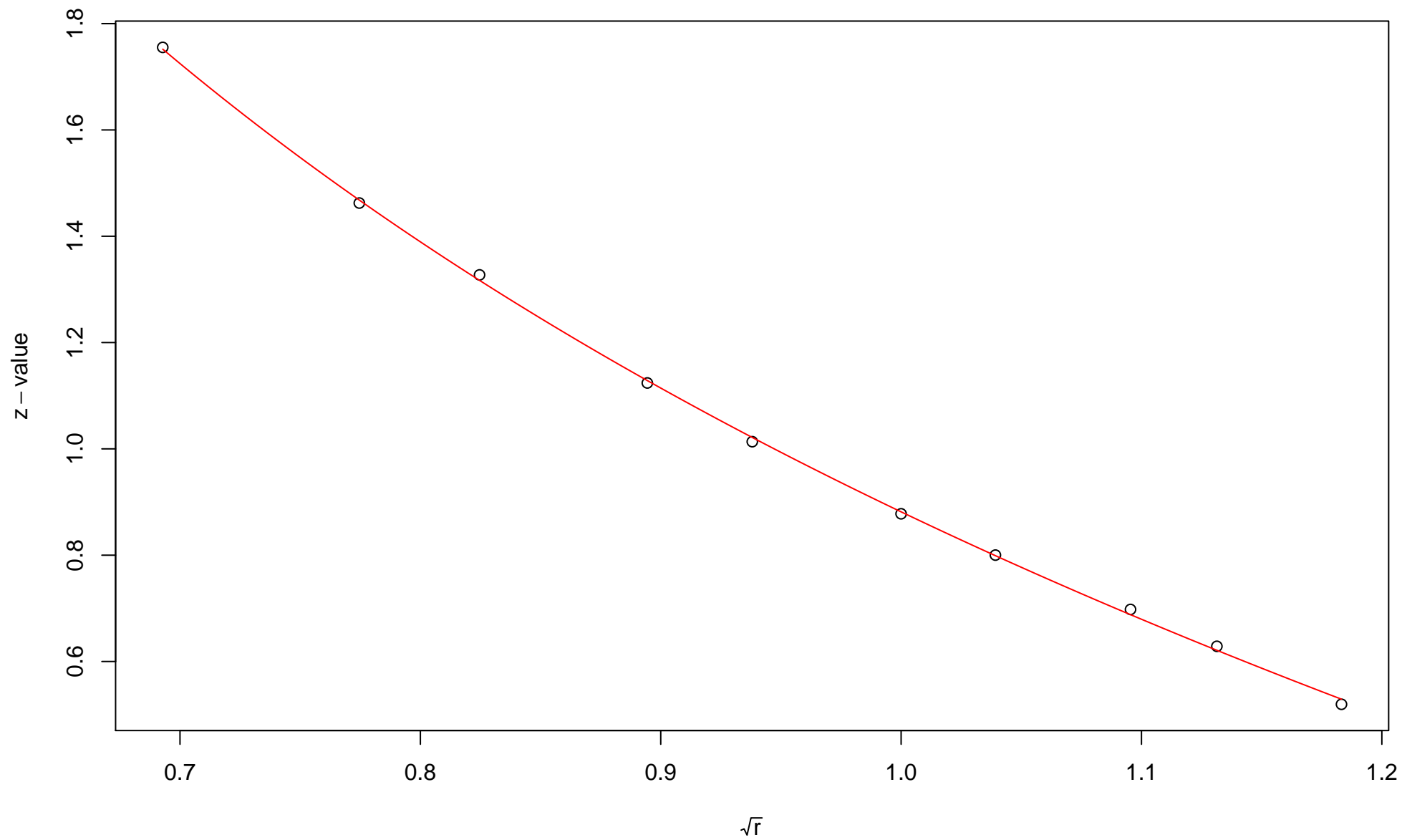


# 144th edge



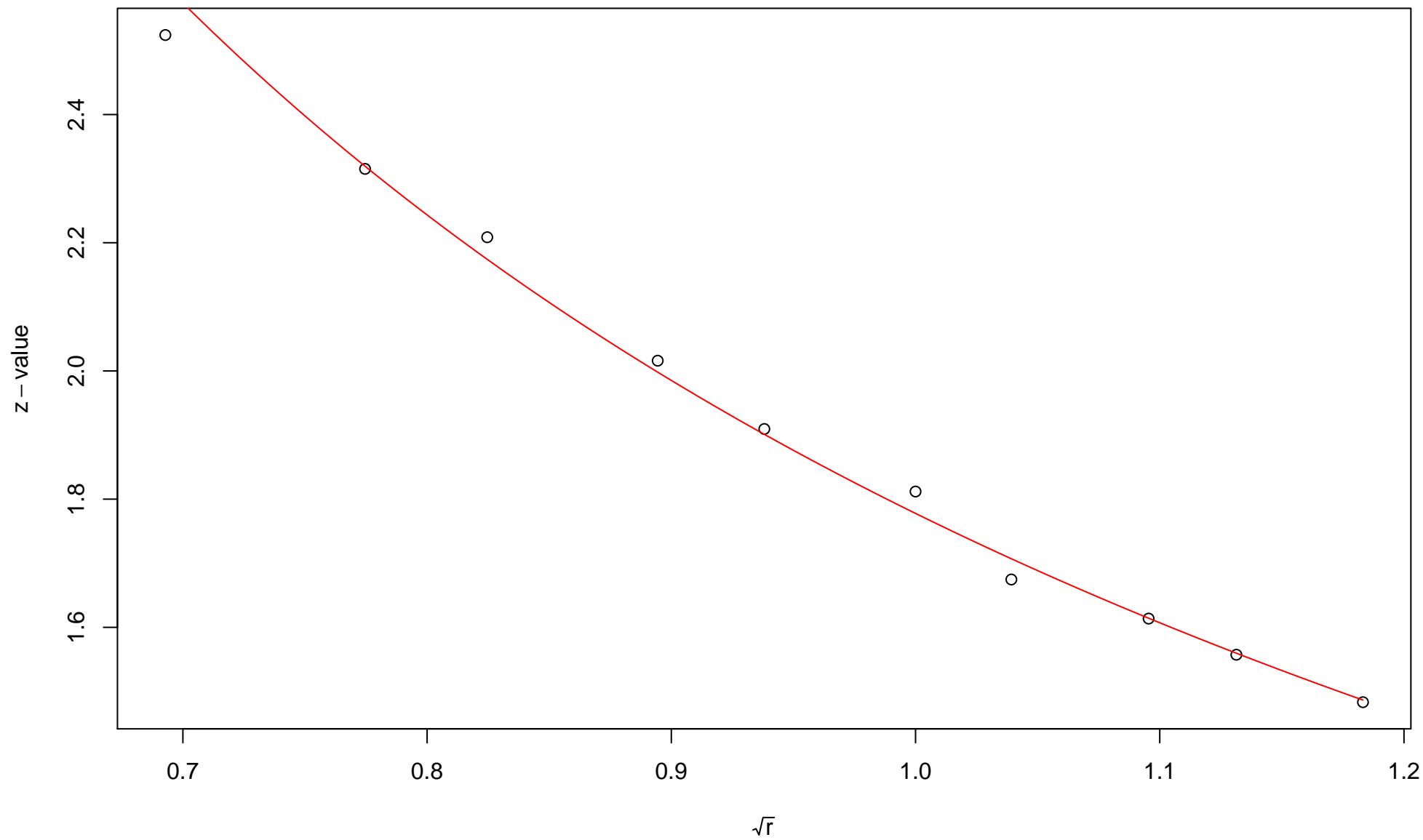
$\sqrt{r}$   
AU = 0.95 , BP = 0.26 ,  $v$  = -0.49 ,  $c$  = 1.12 , pchi = 0.03

# 145th edge



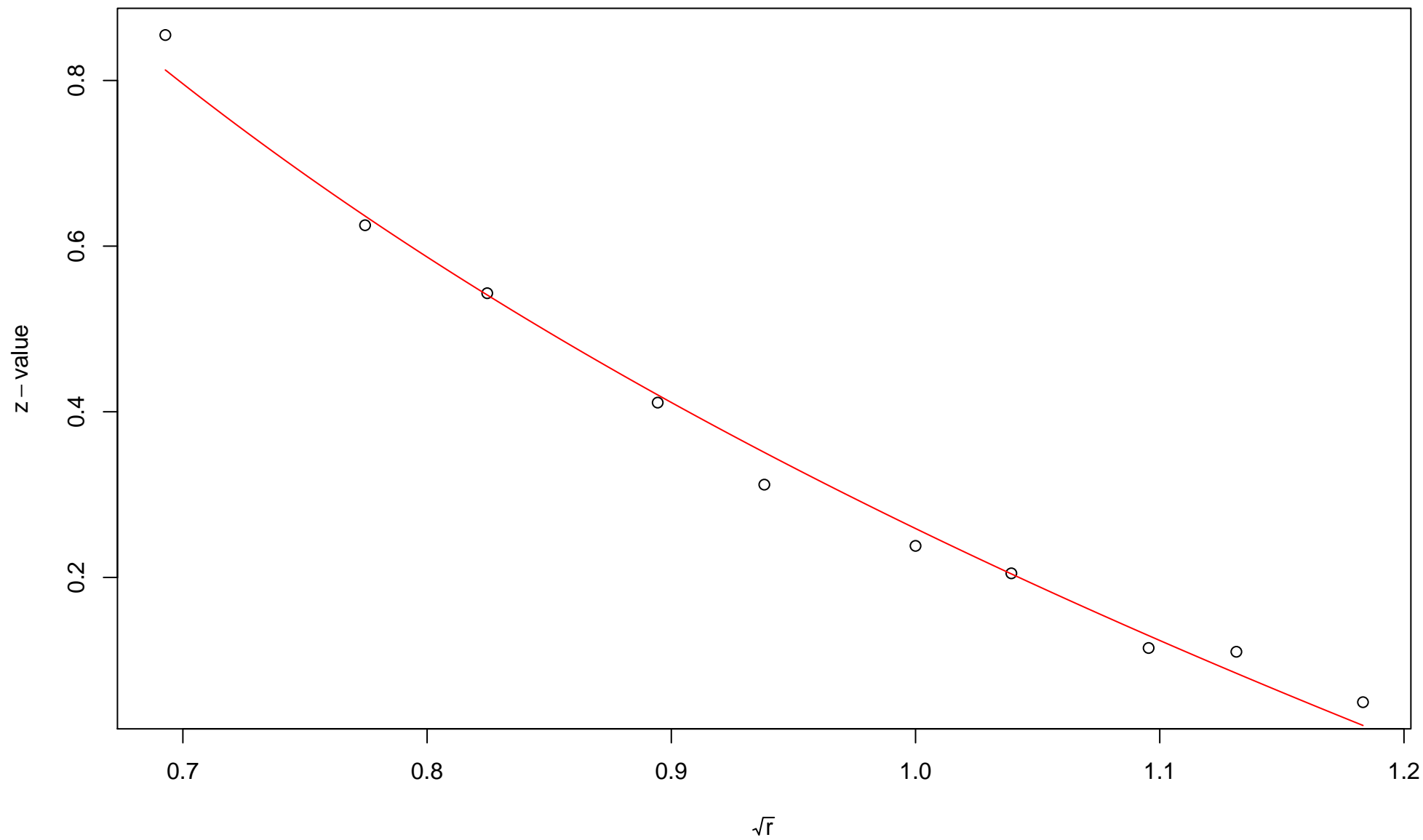
$\sqrt{r}$   
AU = 0.98 , BP = 0.19 ,  $v = -0.64$  ,  $c = 1.52$  ,  $pchi = 0.97$

# 146th edge



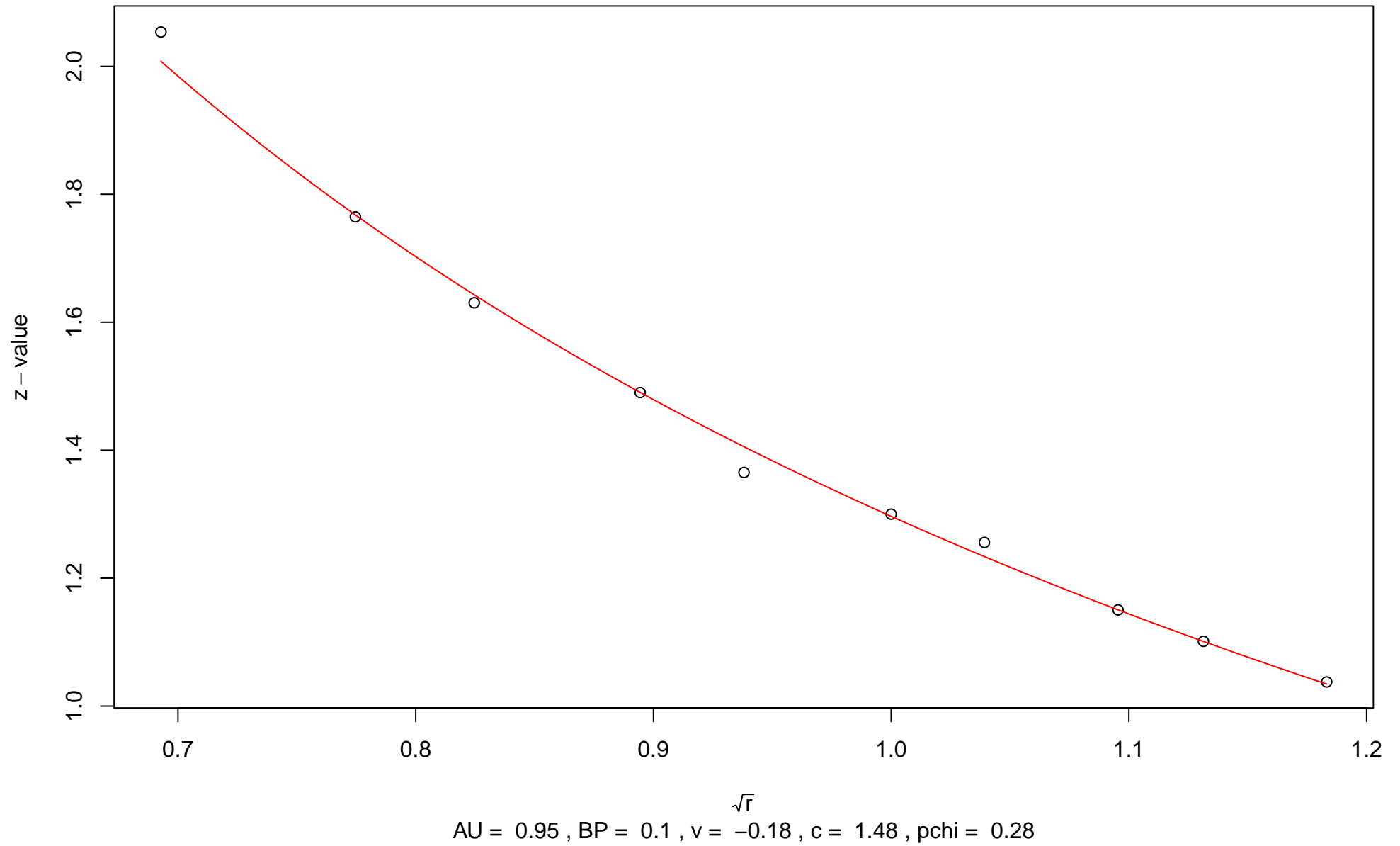
$\sqrt{r}$   
AU = 0.97 , BP = 0.04 ,  $v = -0.05$  , c = 1.82 , pchi = 0.36

# 147th edge

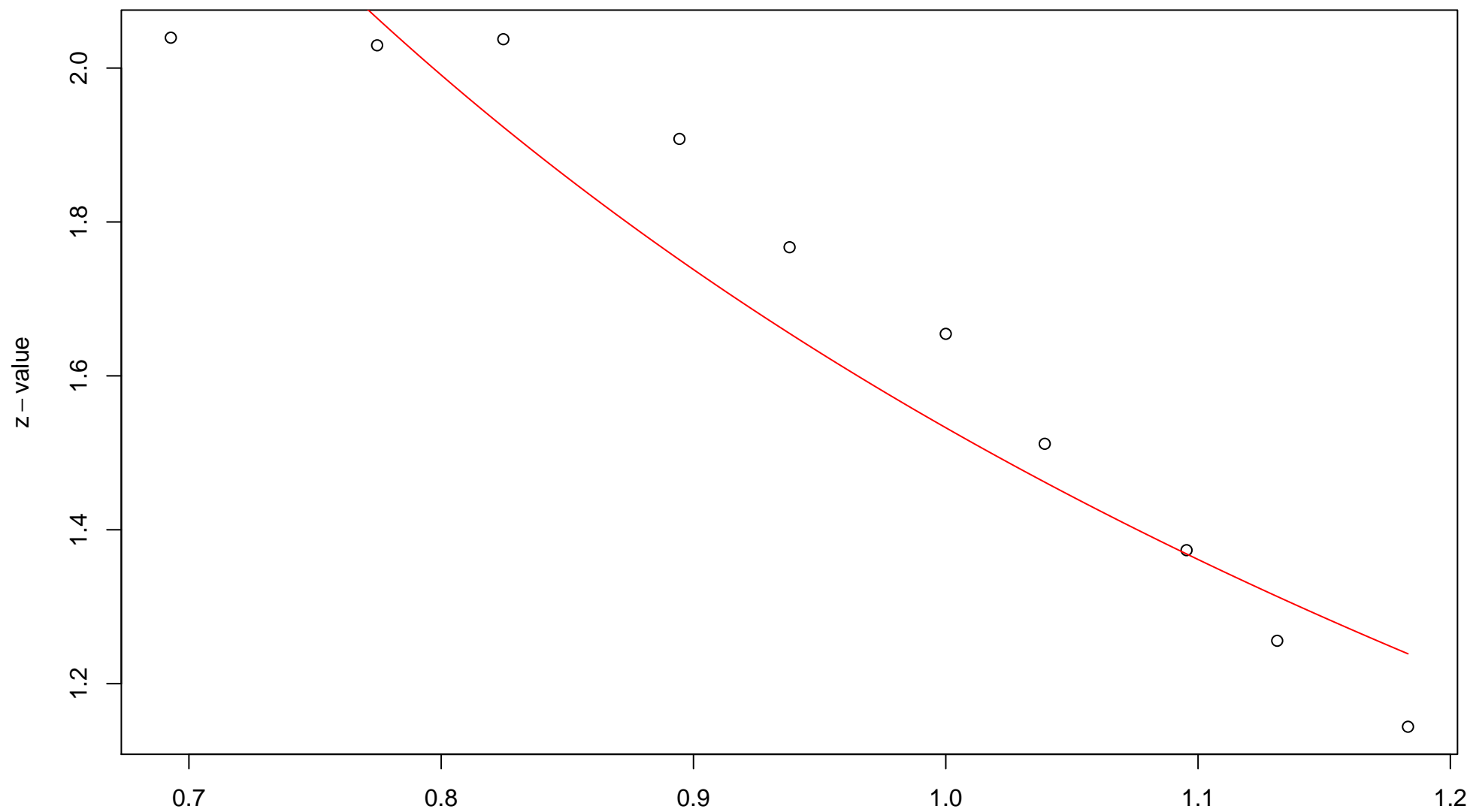


$\sqrt{r}$   
AU = 0.92 , BP = 0.4 ,  $v = -0.58$  ,  $c = 0.84$  ,  $pchi = 0$

# 148th edge

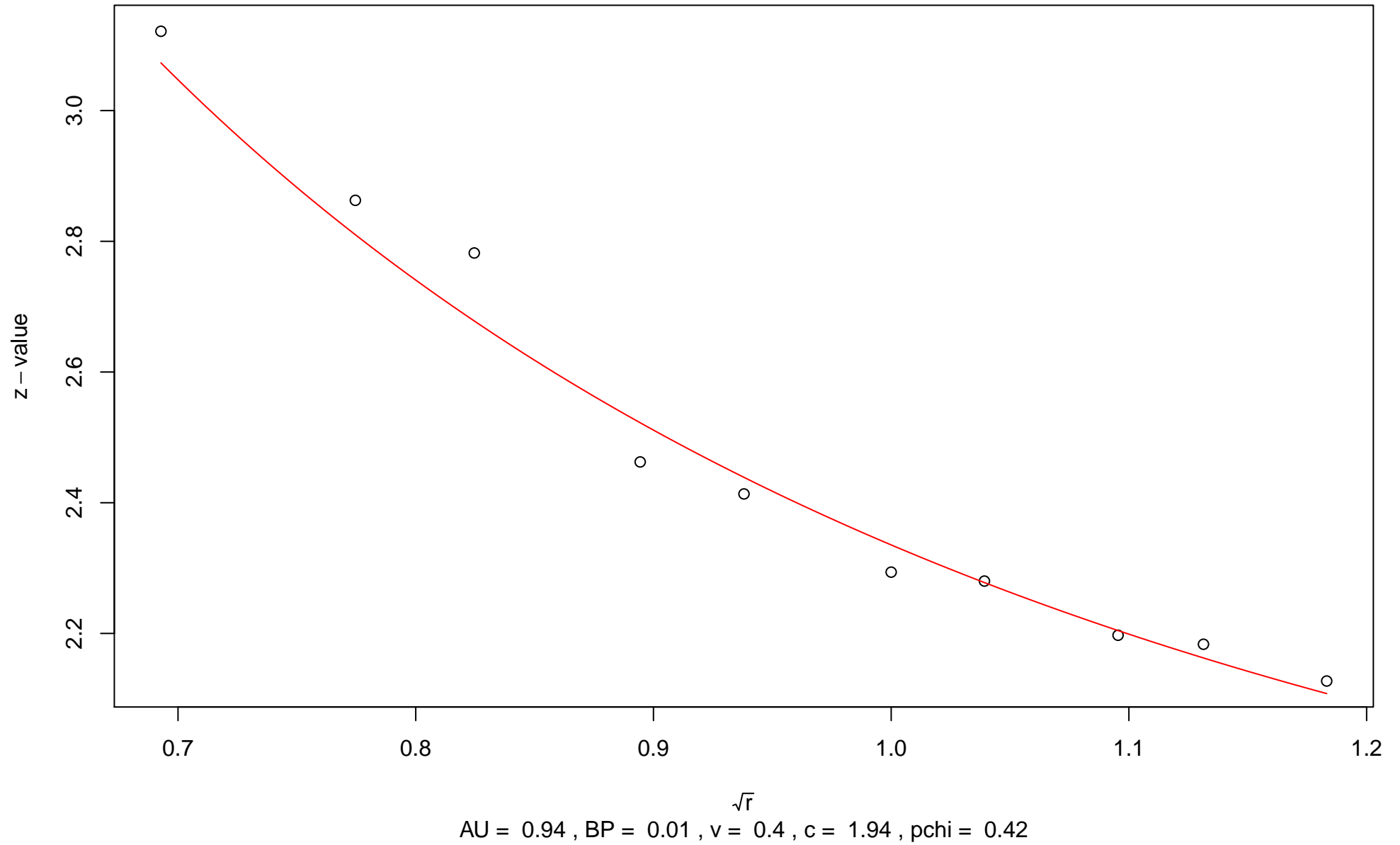


# 149th edge

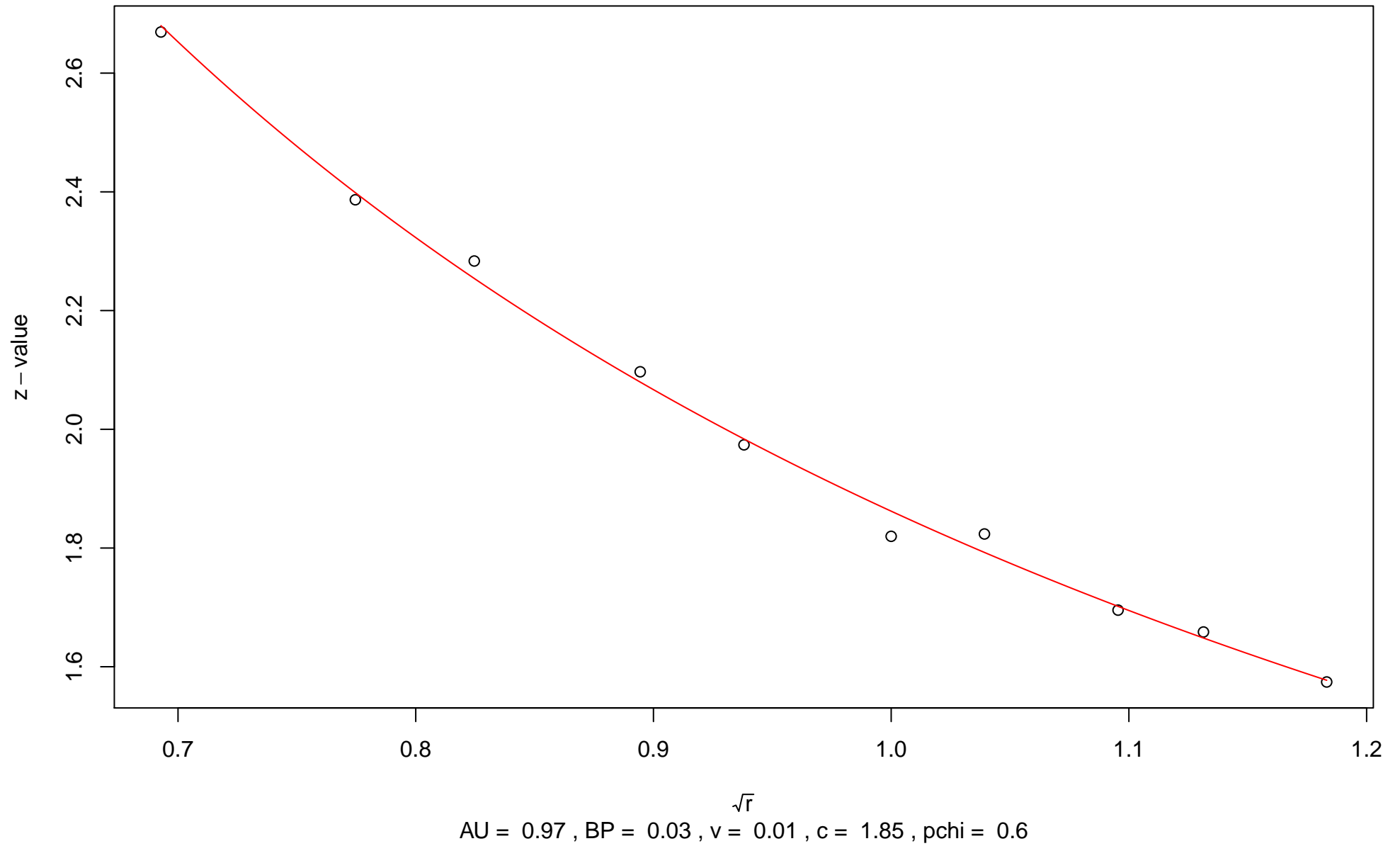


$\sqrt{r}$   
AU = 0.97 , BP = 0.06 ,  $v = -0.17$  , c = 1.7 , pchi = 0

# 150th edge

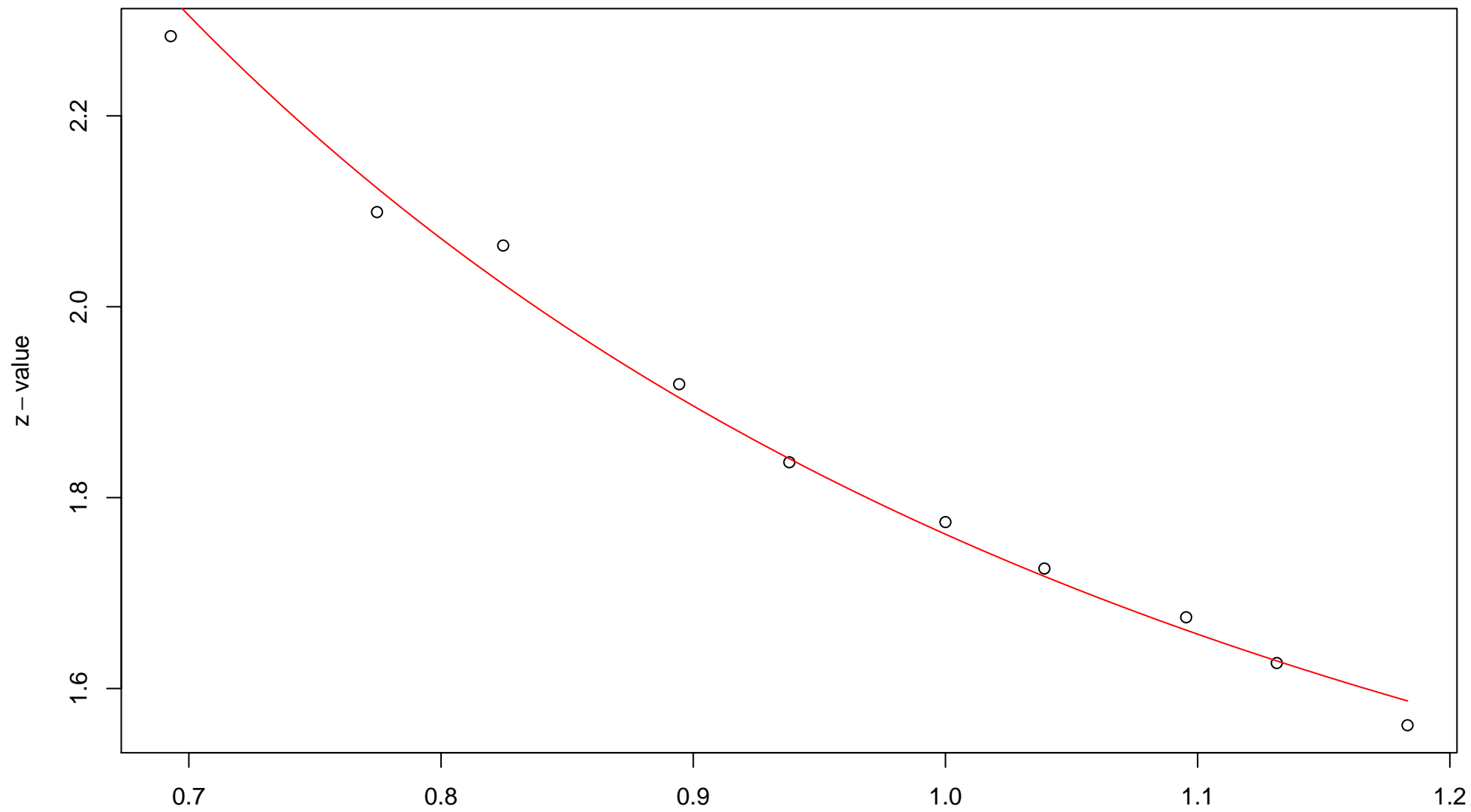


# 151st edge



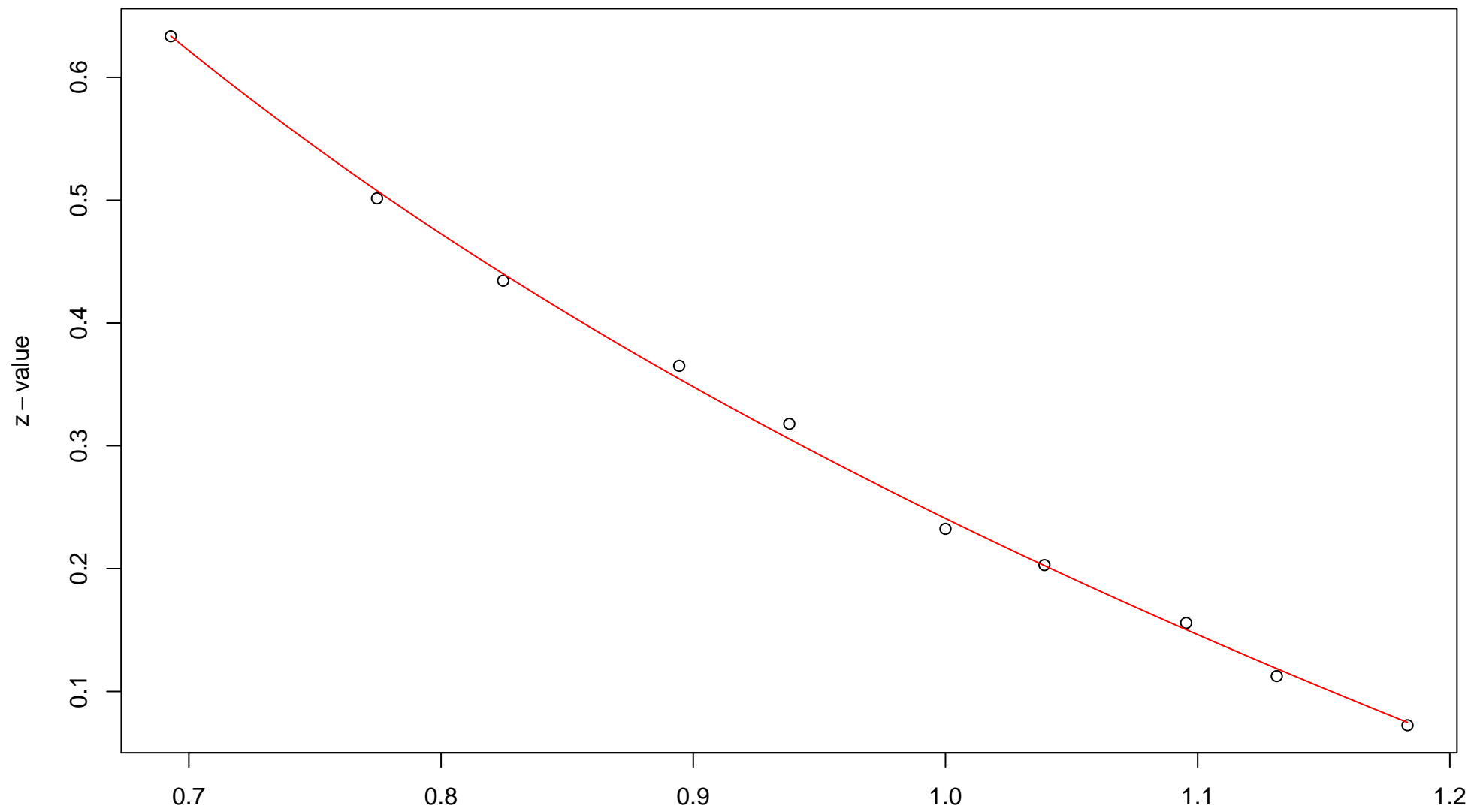


# 152nd edge



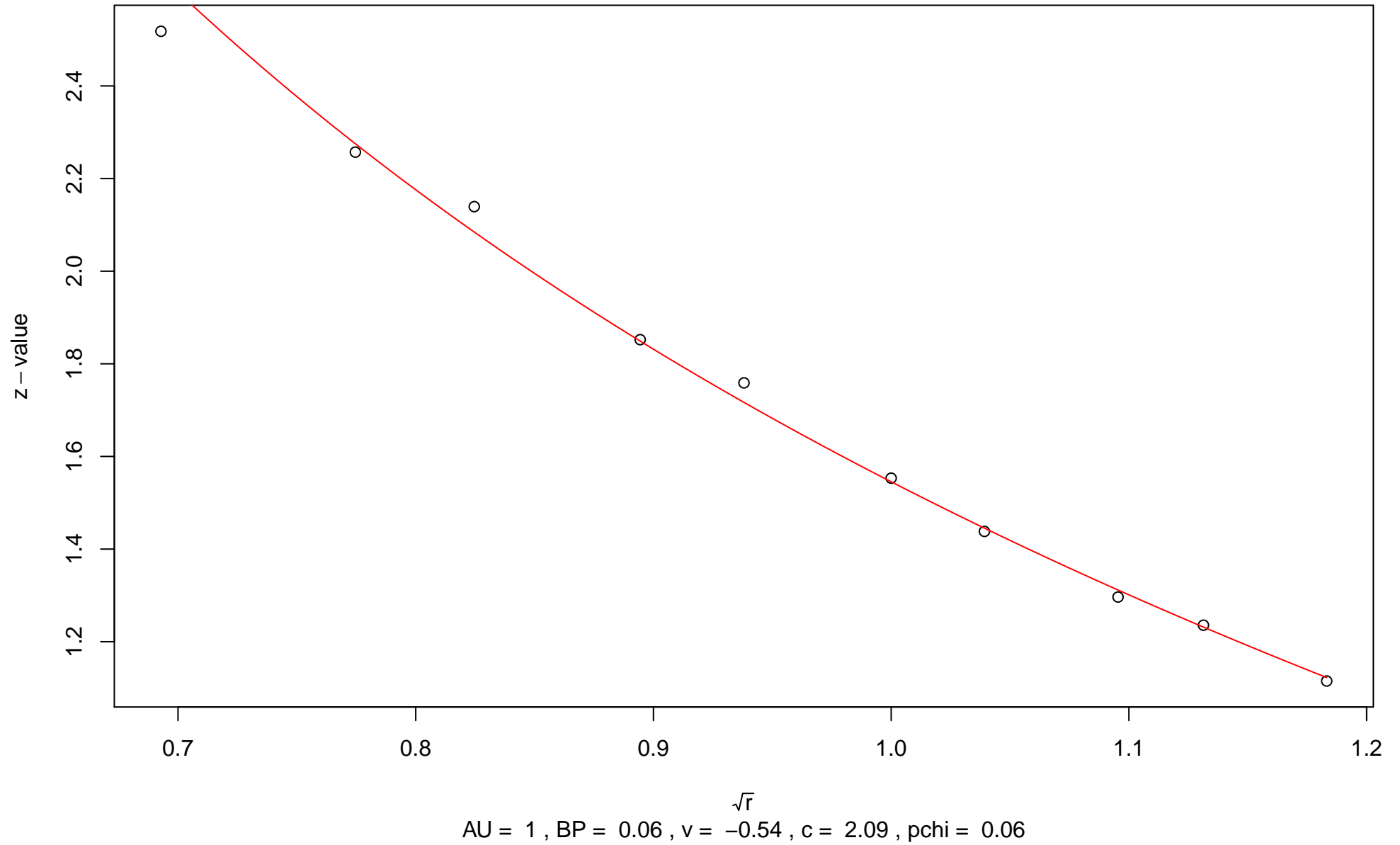
$\sqrt{r}$   
AU = 0.88 , BP = 0.04 ,  $v = 0.29$  , c = 1.47 , pchi = 0.56

### 153rd edge

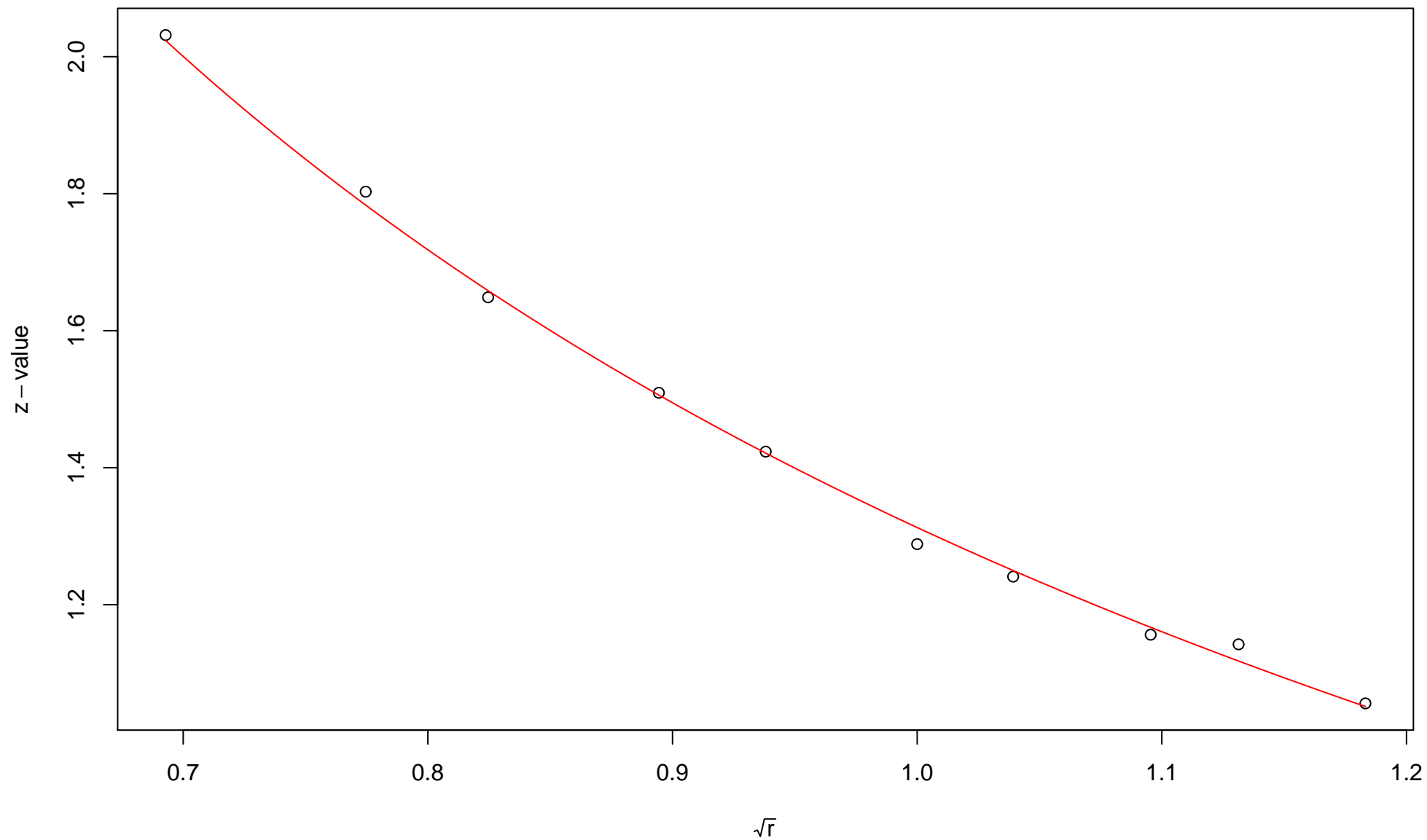


$\sqrt{r}$   
AU = 0.84 , BP = 0.4 , v = -0.38 , c = 0.62 , pchi = 0.94

# 154th edge

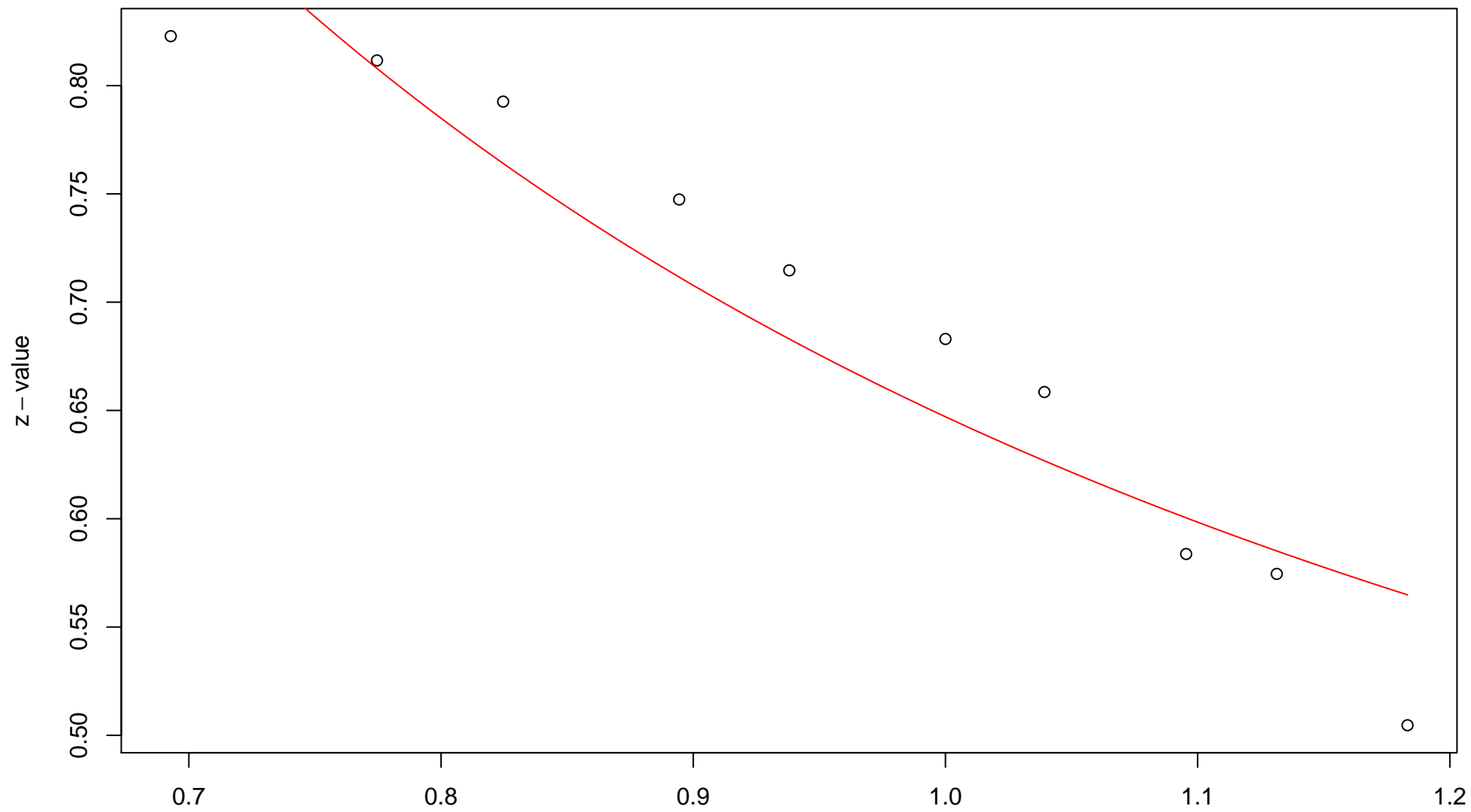


### 155th edge



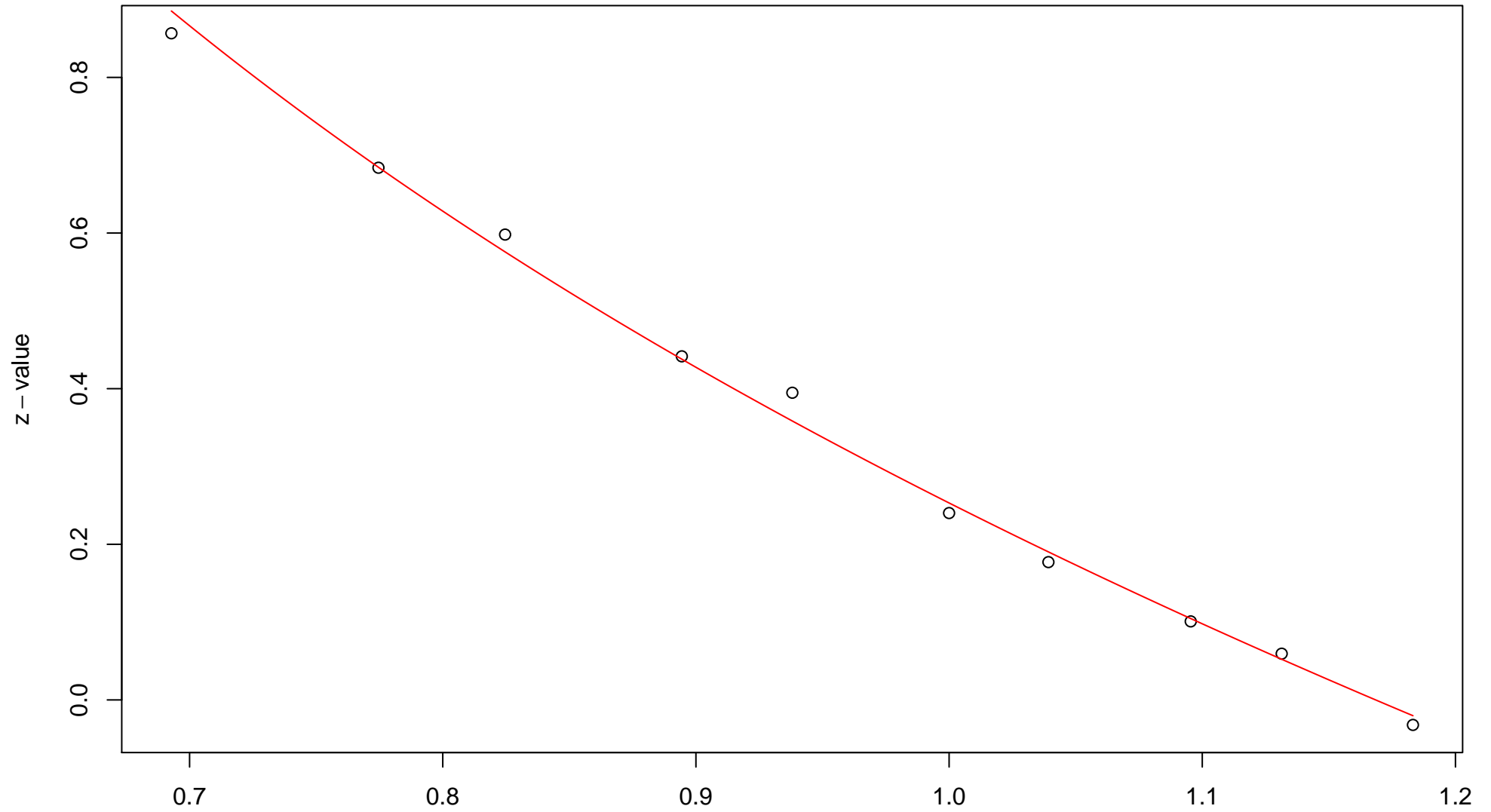
$\sqrt{r}$   
AU = 0.95 , BP = 0.09 ,  $v = -0.17$  ,  $c = 1.48$  ,  $pchi = 0.63$

# 156th edge



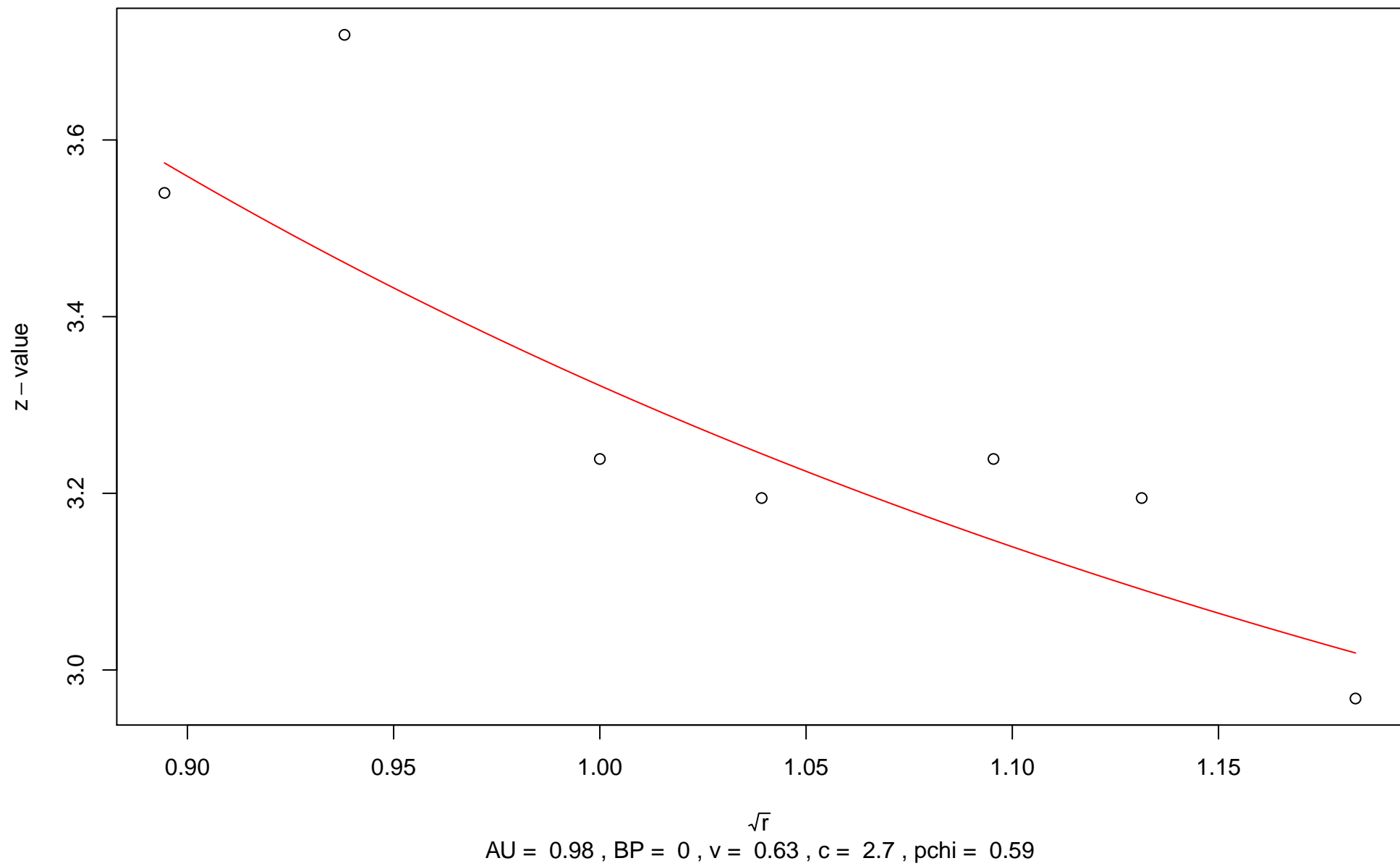
$\sqrt{r}$   
AU = 0.71 , BP = 0.26 ,  $v$  = 0.05 ,  $c$  = 0.59 ,  $pchi$  = 0

# 157th edge

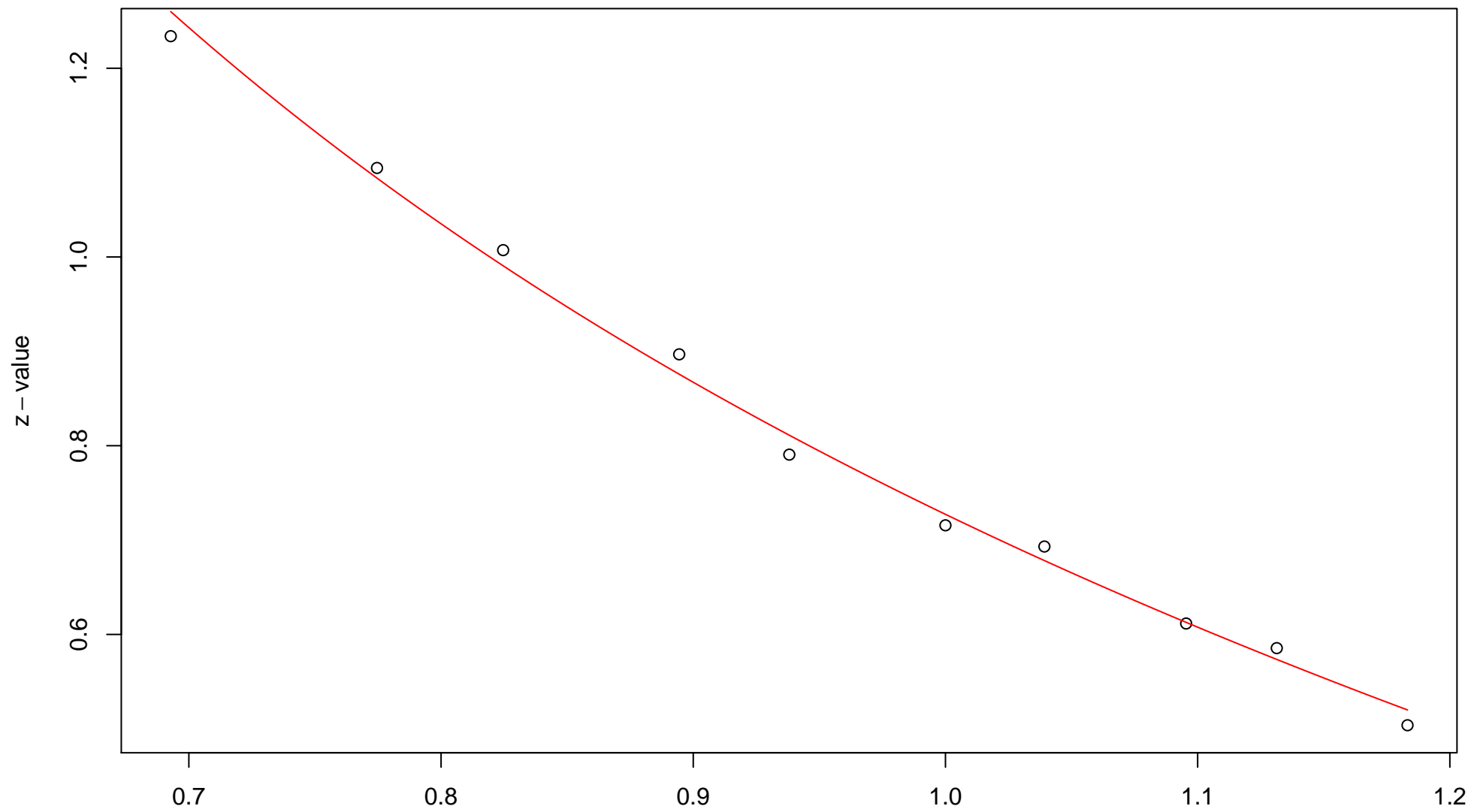


$\sqrt{r}$   
AU = 0.95 , BP = 0.4 , v = -0.69 , c = 0.95 , pchi = 0.02

# 158th edge



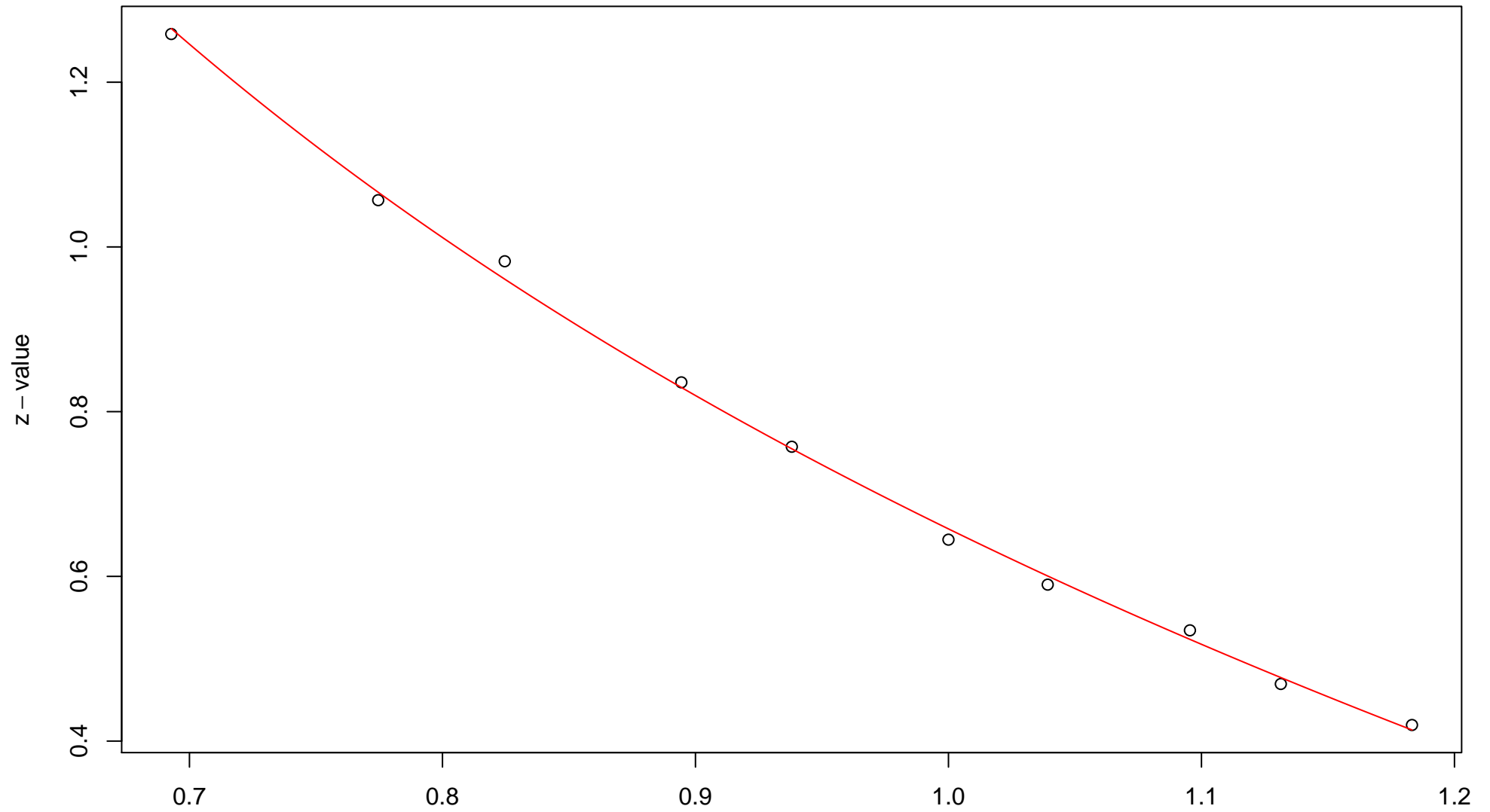
# 159th edge



$\sqrt{r}$   
AU = 0.9 , BP = 0.23 , v = -0.28 , c = 1.01 , pchi = 0.13

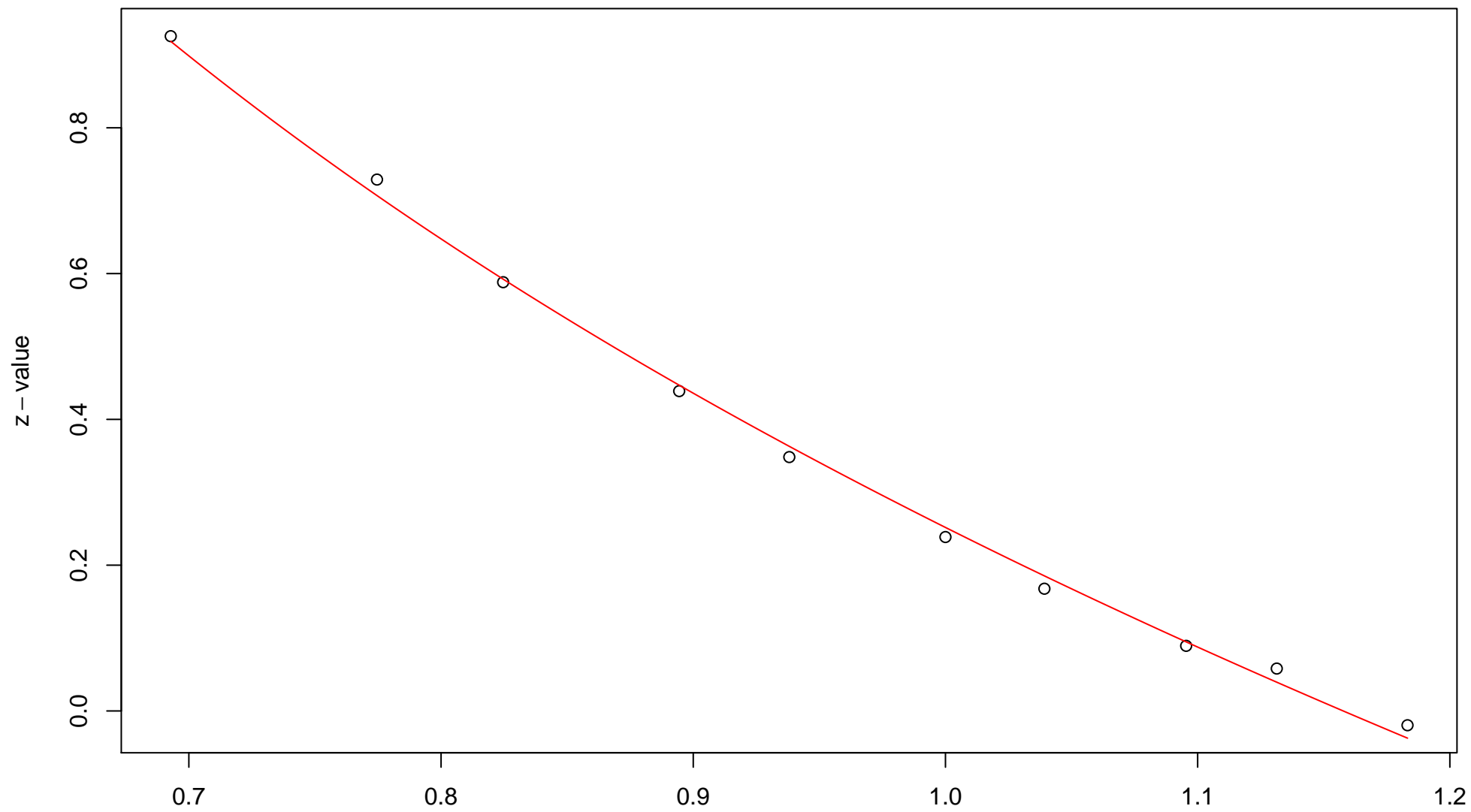


# 160th edge



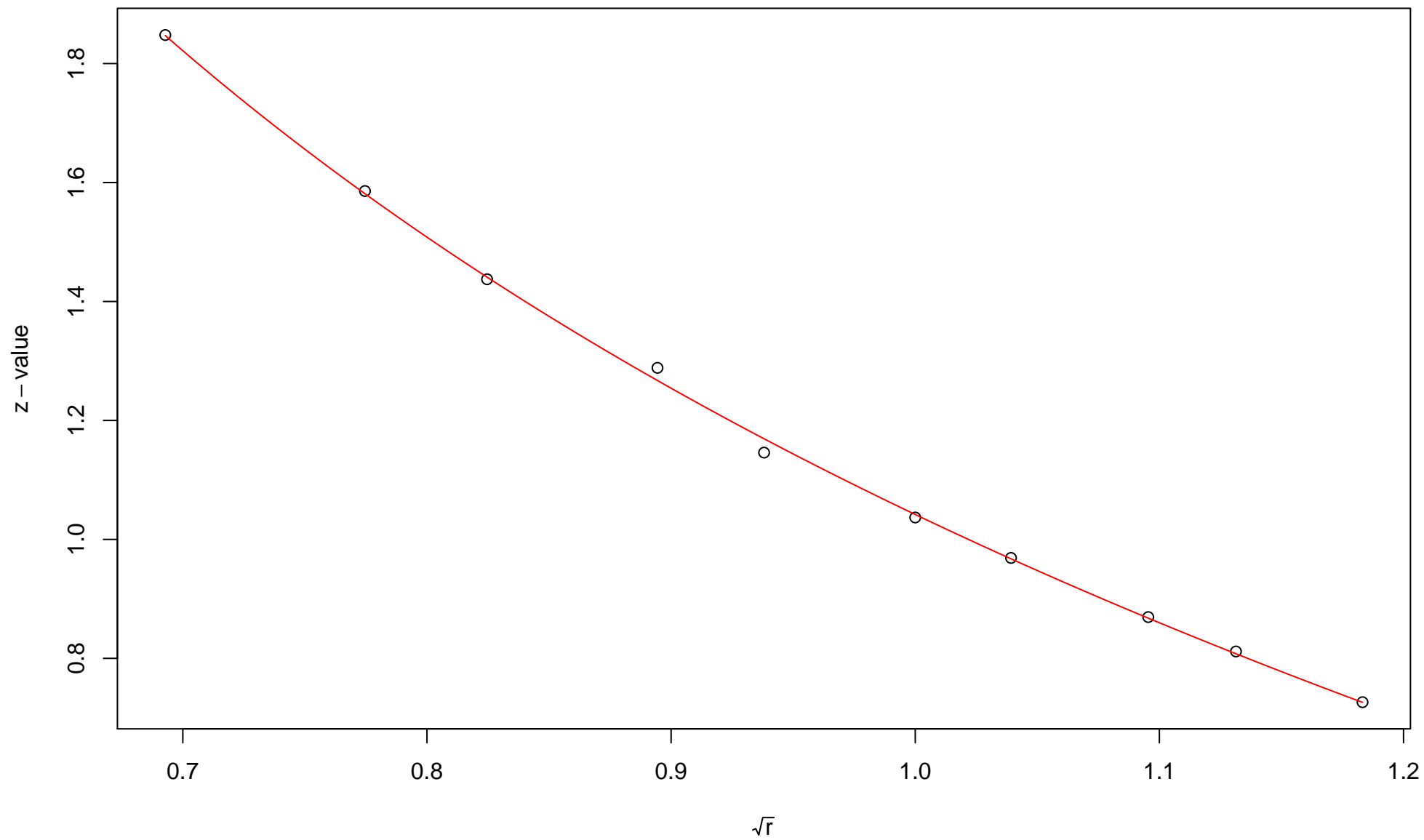
$\sqrt{r}$   
AU = 0.93 , BP = 0.26 ,  $v = -0.42$  ,  $c = 1.08$  ,  $pchi = 0.68$

# 161st edge



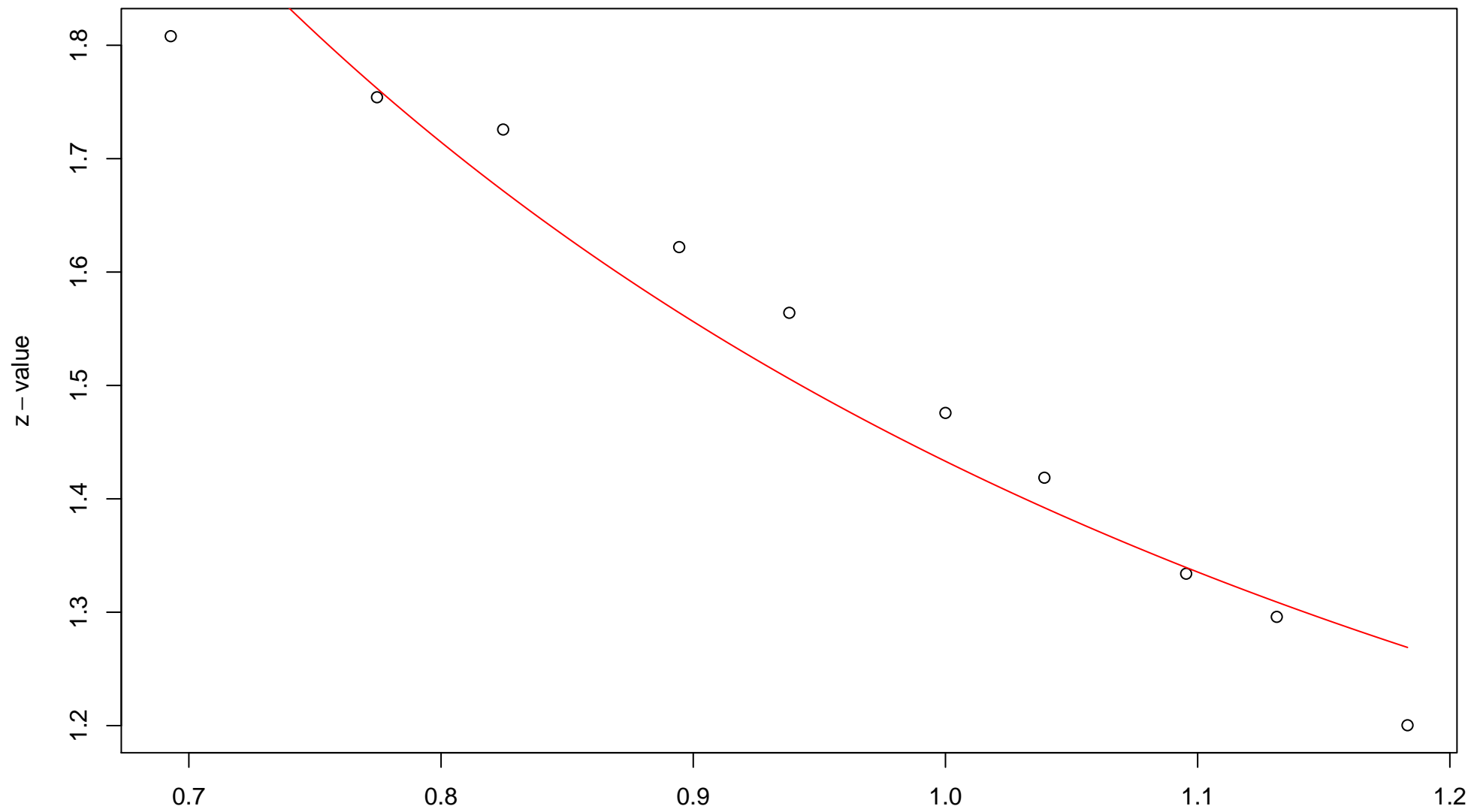
$\sqrt{r}$   
AU = 0.96 , BP = 0.4 ,  $v = -0.74$  ,  $c = 0.99$  ,  $pchi = 0.15$

# 162nd edge



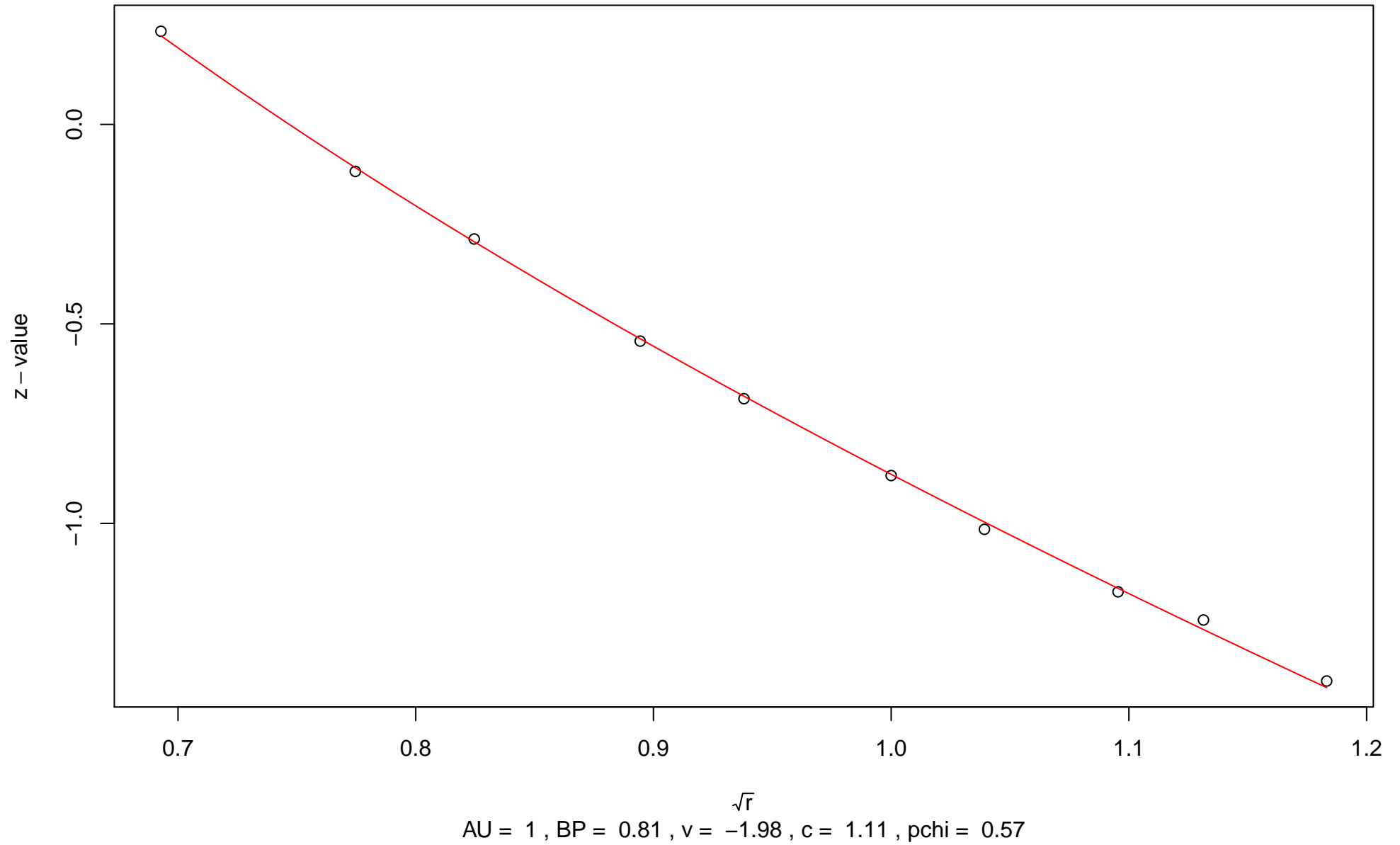
$\sqrt{r}$   
AU = 0.97 , BP = 0.15 ,  $v = -0.46$  , c = 1.5 , pchi = 0.86

# 163rd edge

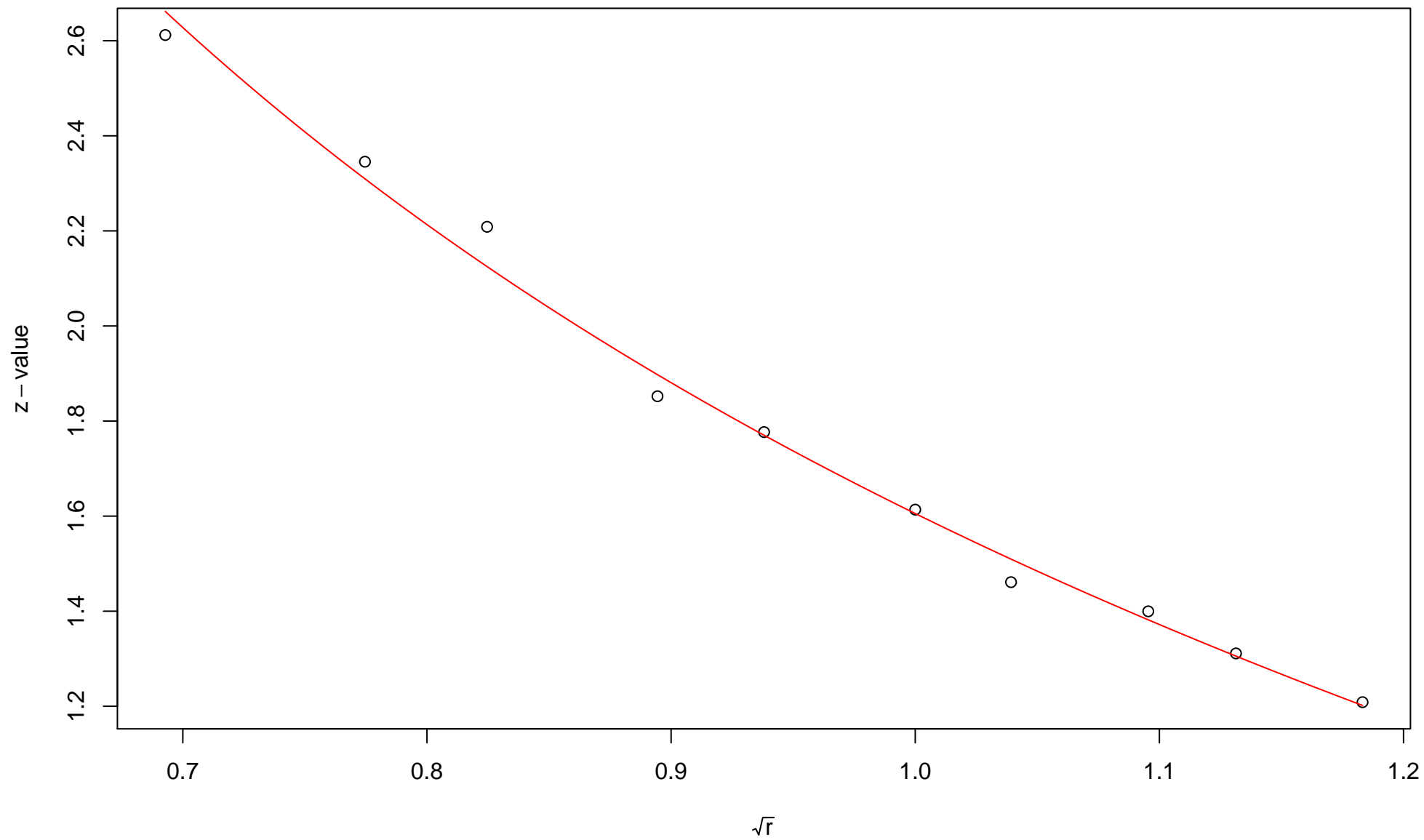


$\sqrt{r}$   
AU = 0.86 , BP = 0.08 ,  $v$  = 0.17 ,  $c$  = 1.26 ,  $pchi$  = 0

### 164th edge

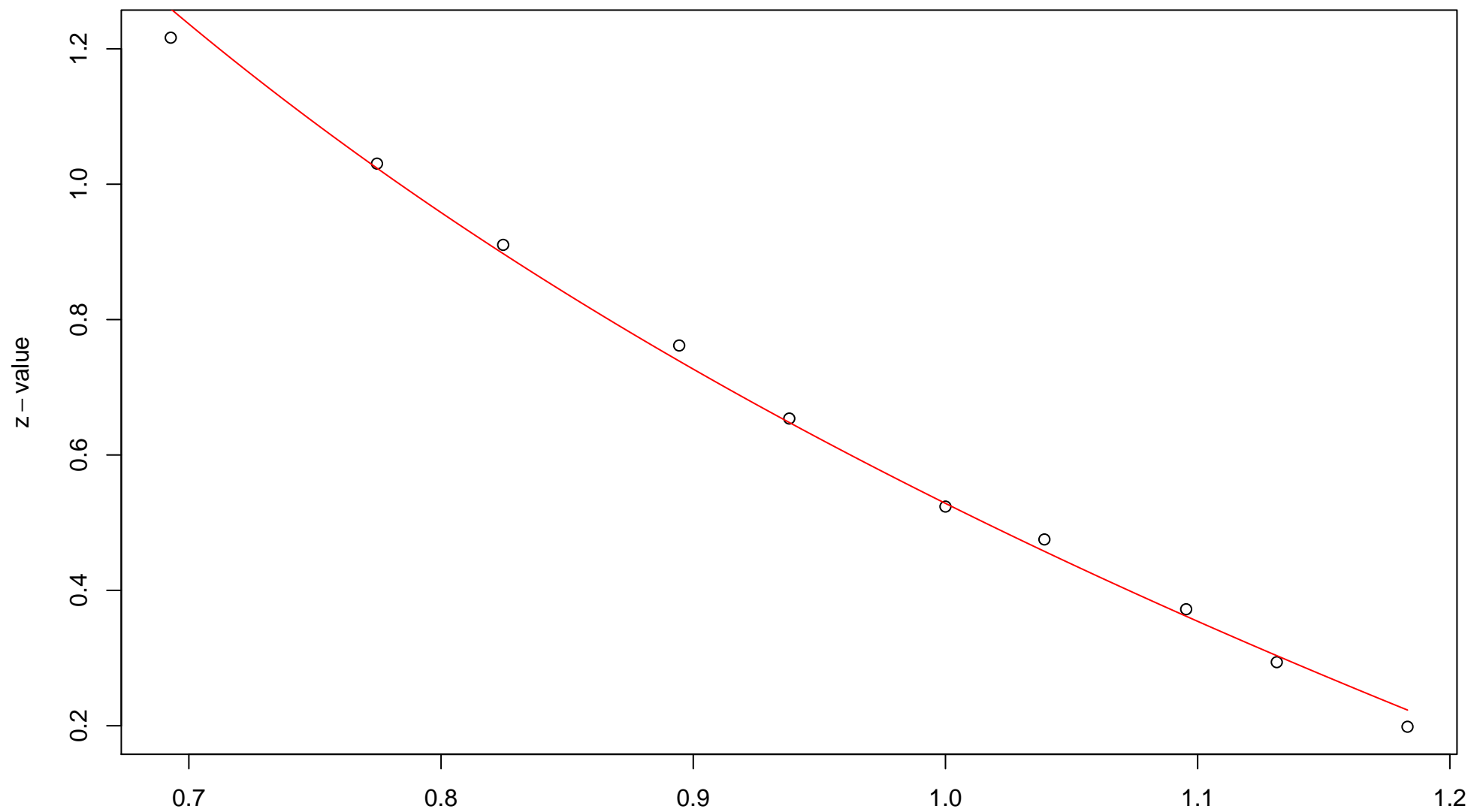


# 165th edge



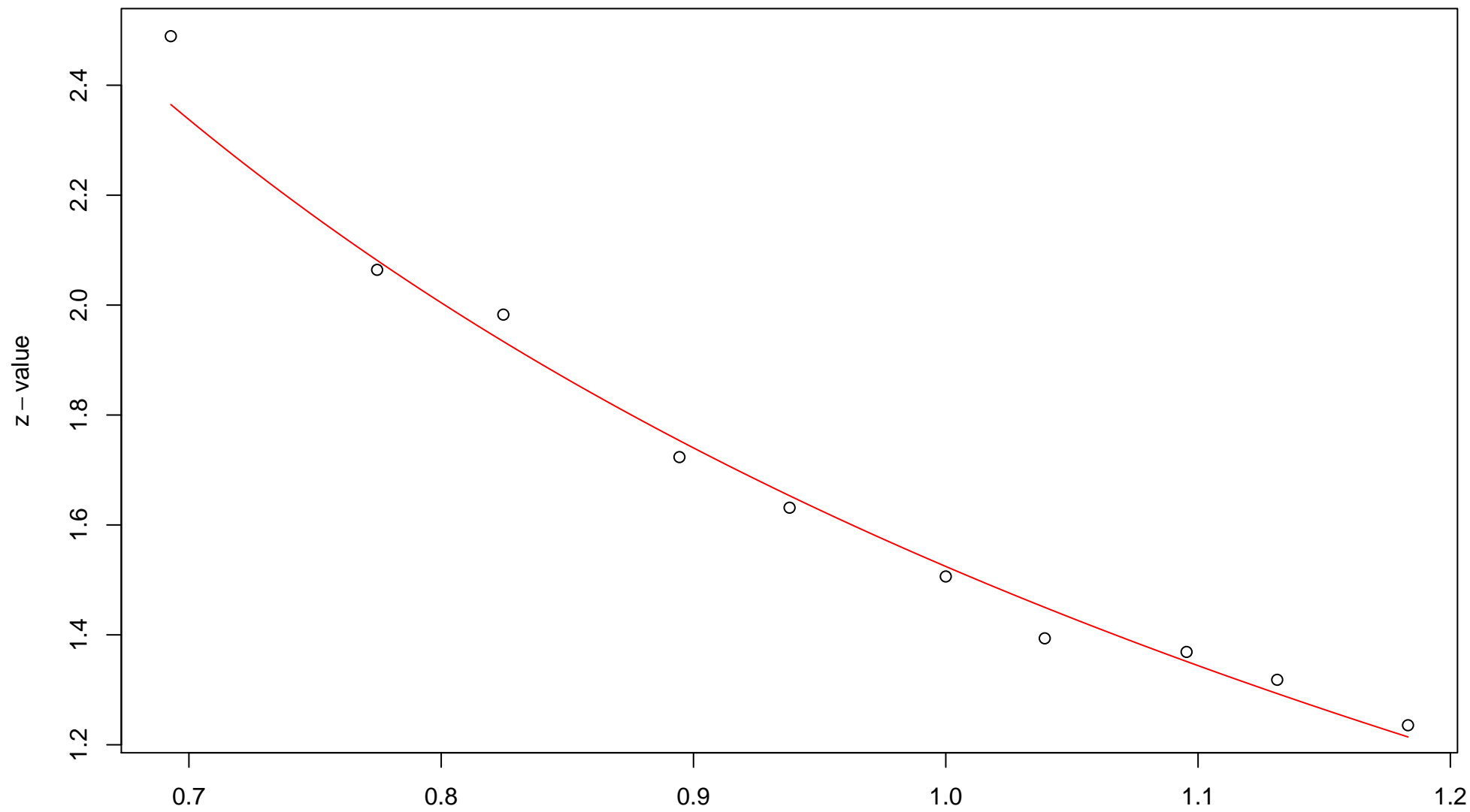
$\sqrt{r}$   
AU = 0.99 , BP = 0.05 ,  $v = -0.46$  ,  $c = 2.06$  , pchi = 0.01

# 166th edge



$\sqrt{r}$   
AU = 0.97 , BP = 0.3 , v = -0.66 , c = 1.19 , pchi = 0.03

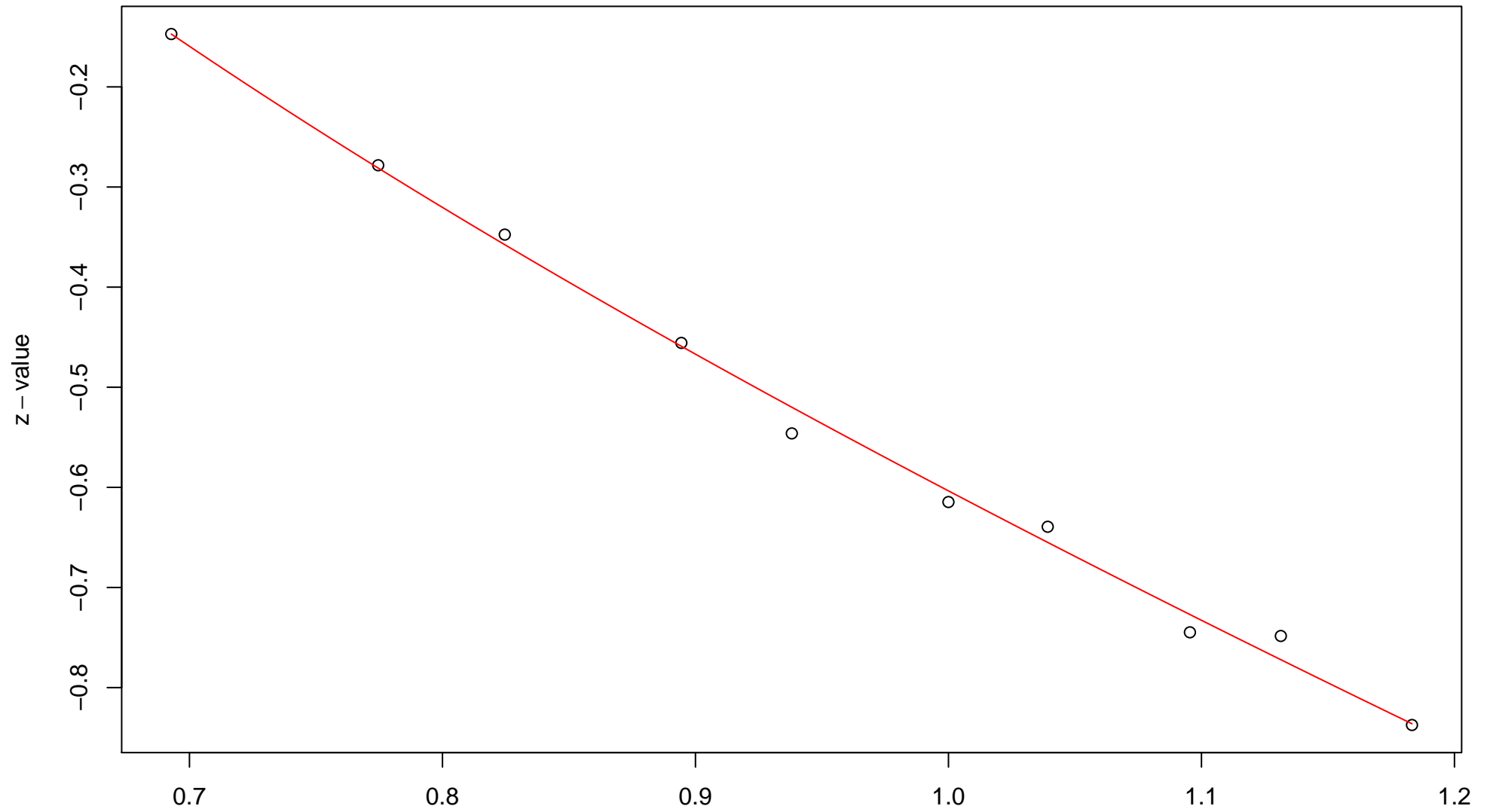
# 167th edge



$\sqrt{r}$   
AU = 0.98 , BP = 0.06 , v = -0.22 , c = 1.74 , pchi = 0

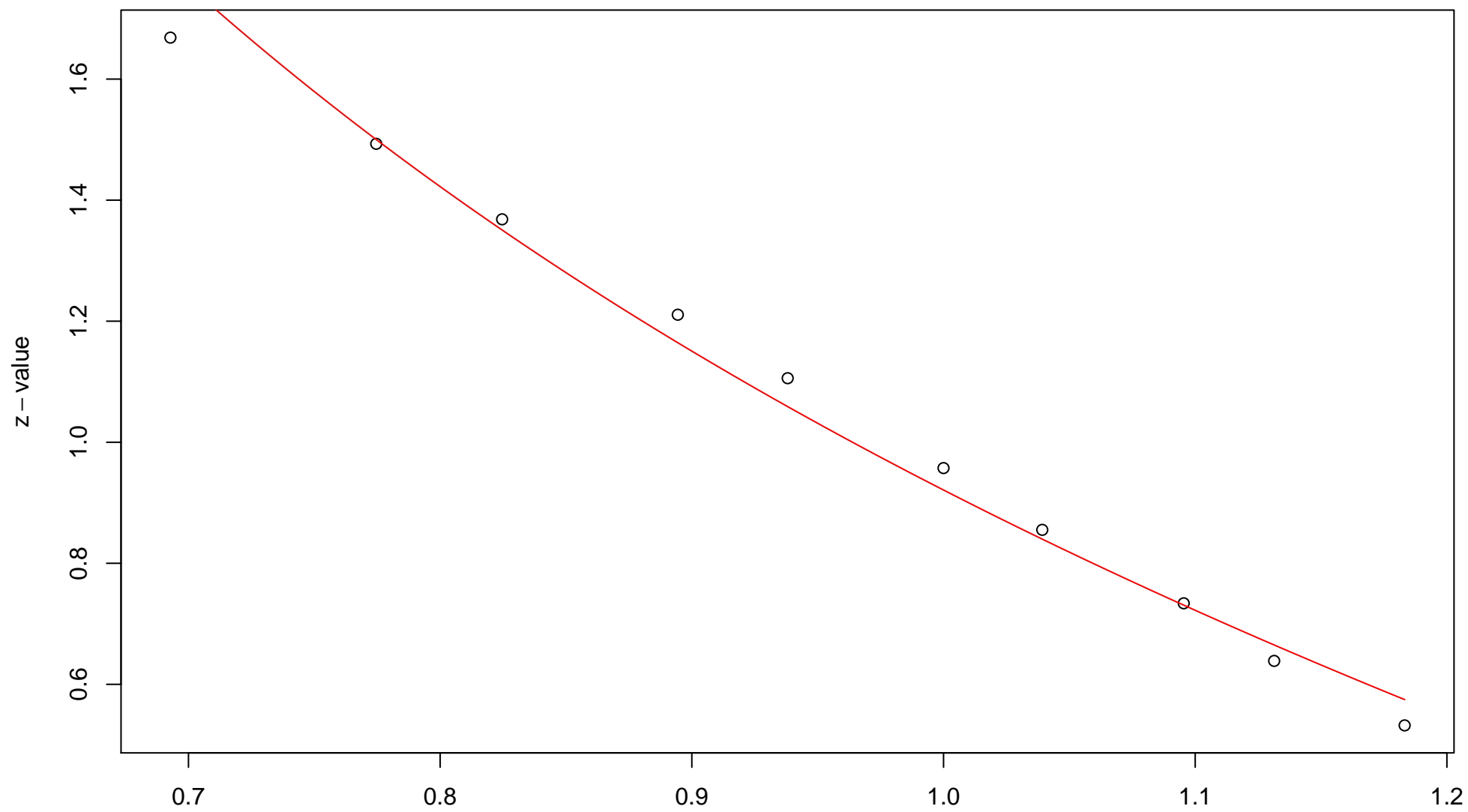


# 168th edge



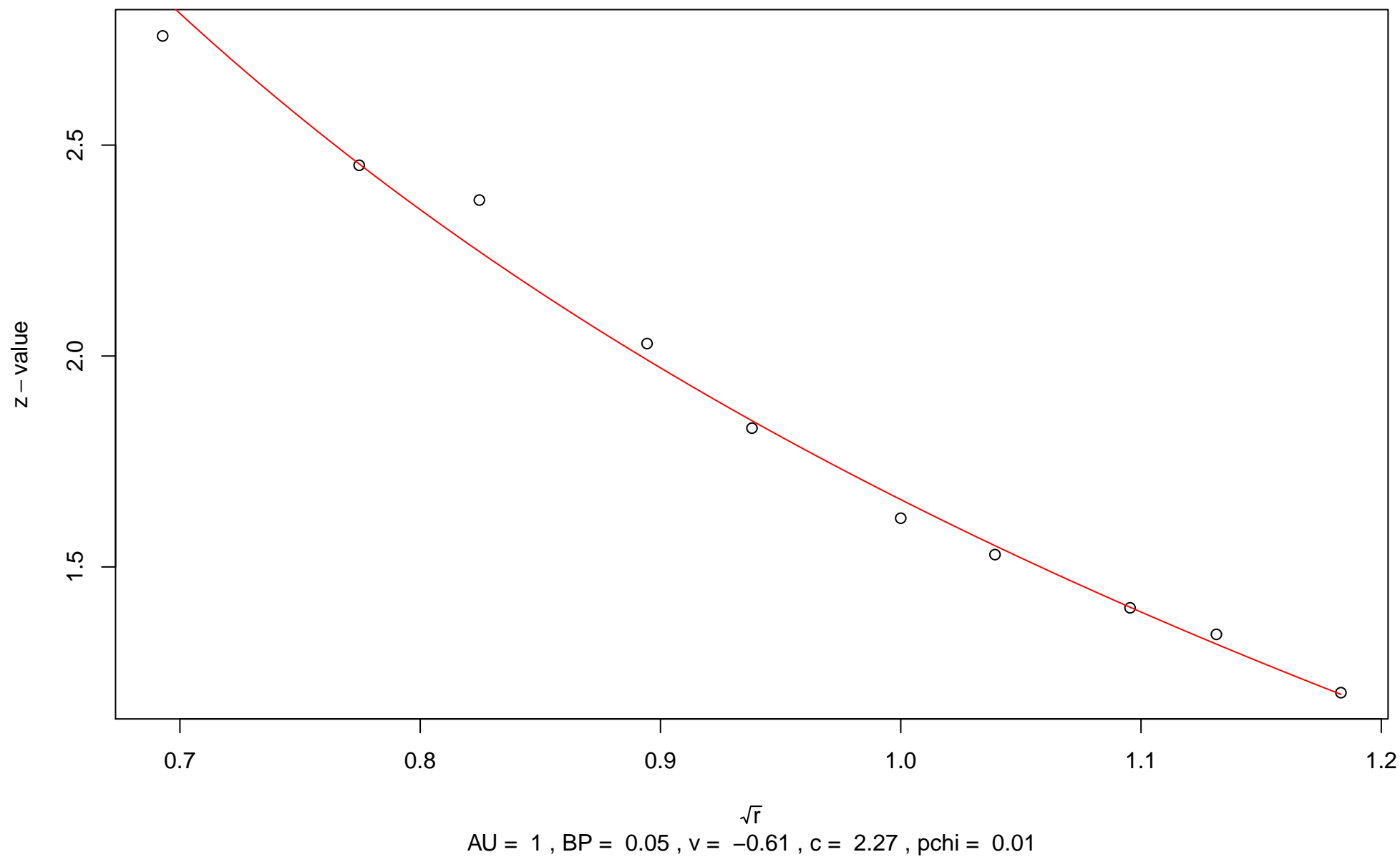
$\sqrt{r}$   
AU = 0.91 , BP = 0.73 ,  $v = -0.96$  ,  $c = 0.36$  ,  $pchi = 0.19$

# 169th edge

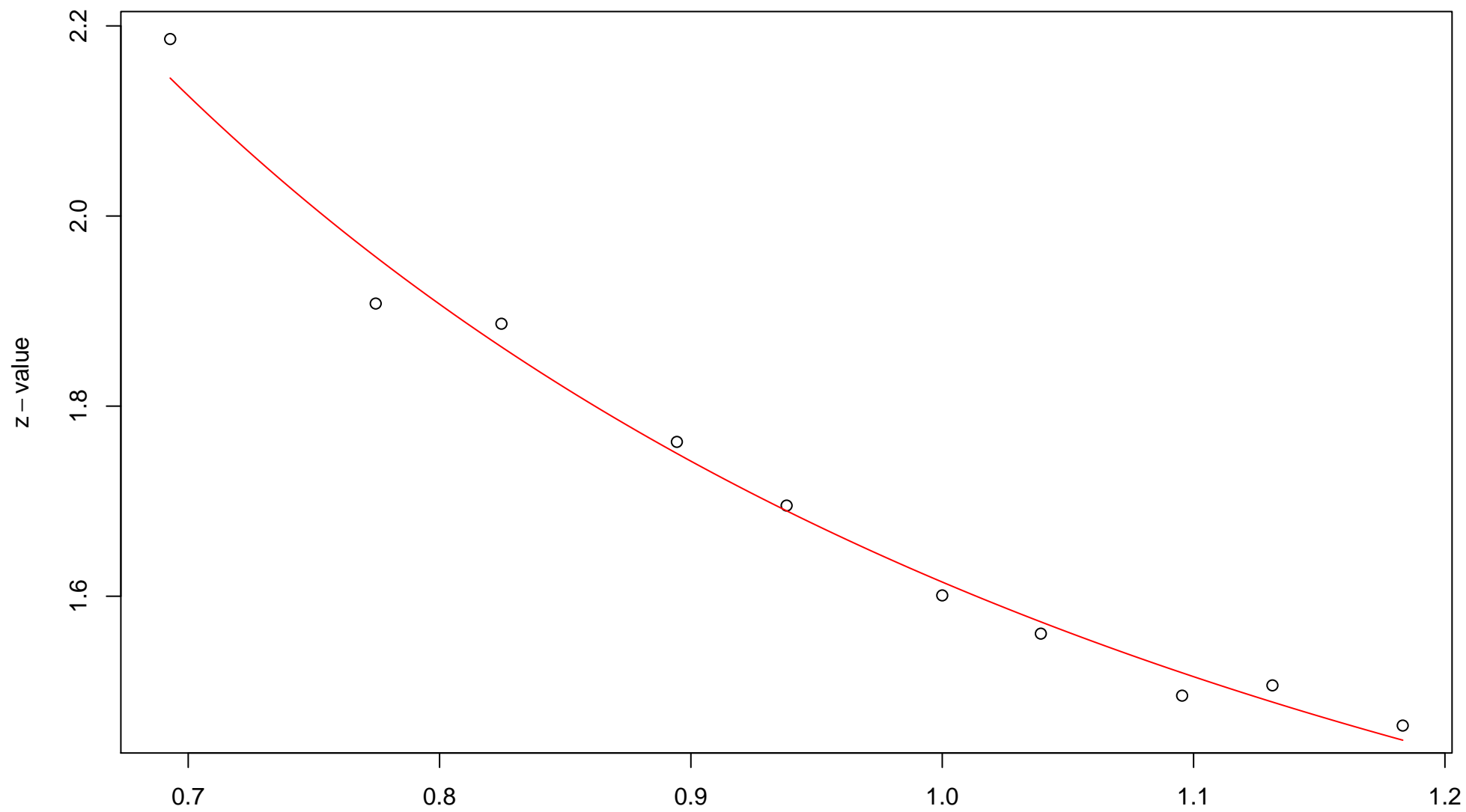


$\sqrt{r}$   
AU = 0.98 , BP = 0.18 ,  $v = -0.6$  ,  $c = 1.52$  ,  $pchi = 0$

# 170th edge

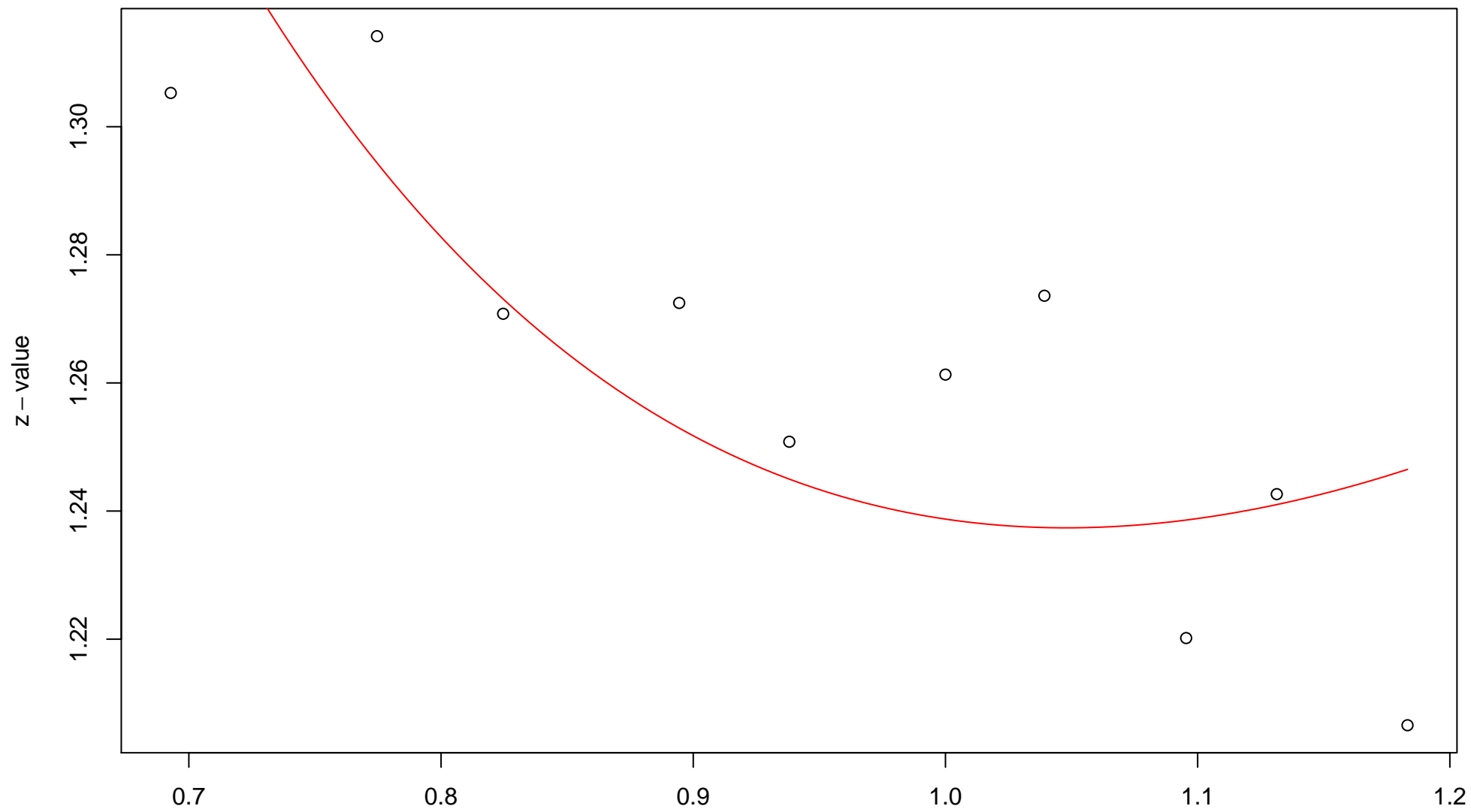


# 171st edge



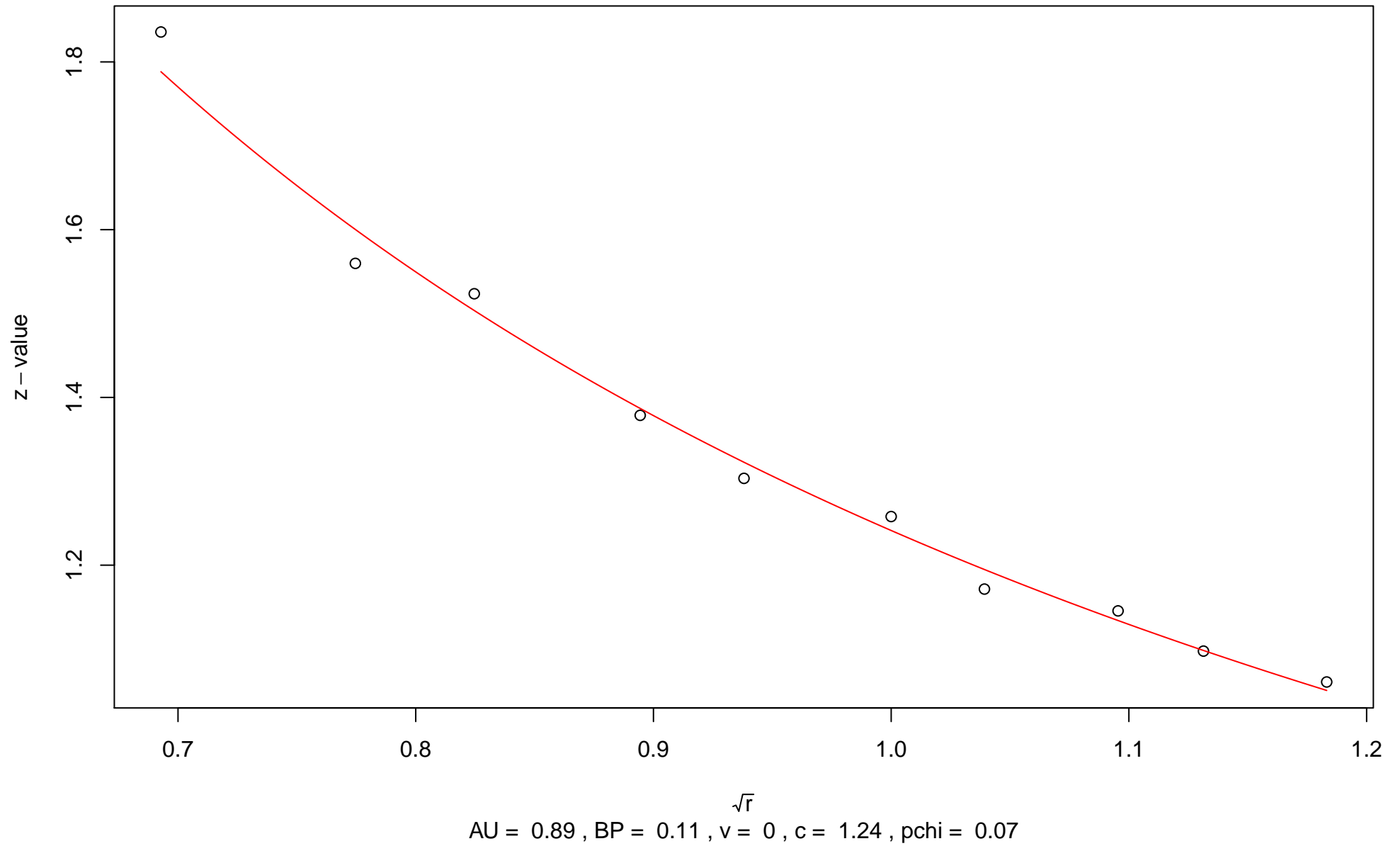
$\sqrt{r}$   
AU = 0.87 , BP = 0.05 ,  $v$  = 0.25 ,  $c$  = 1.37 , pchi = 0.24

# 172nd edge

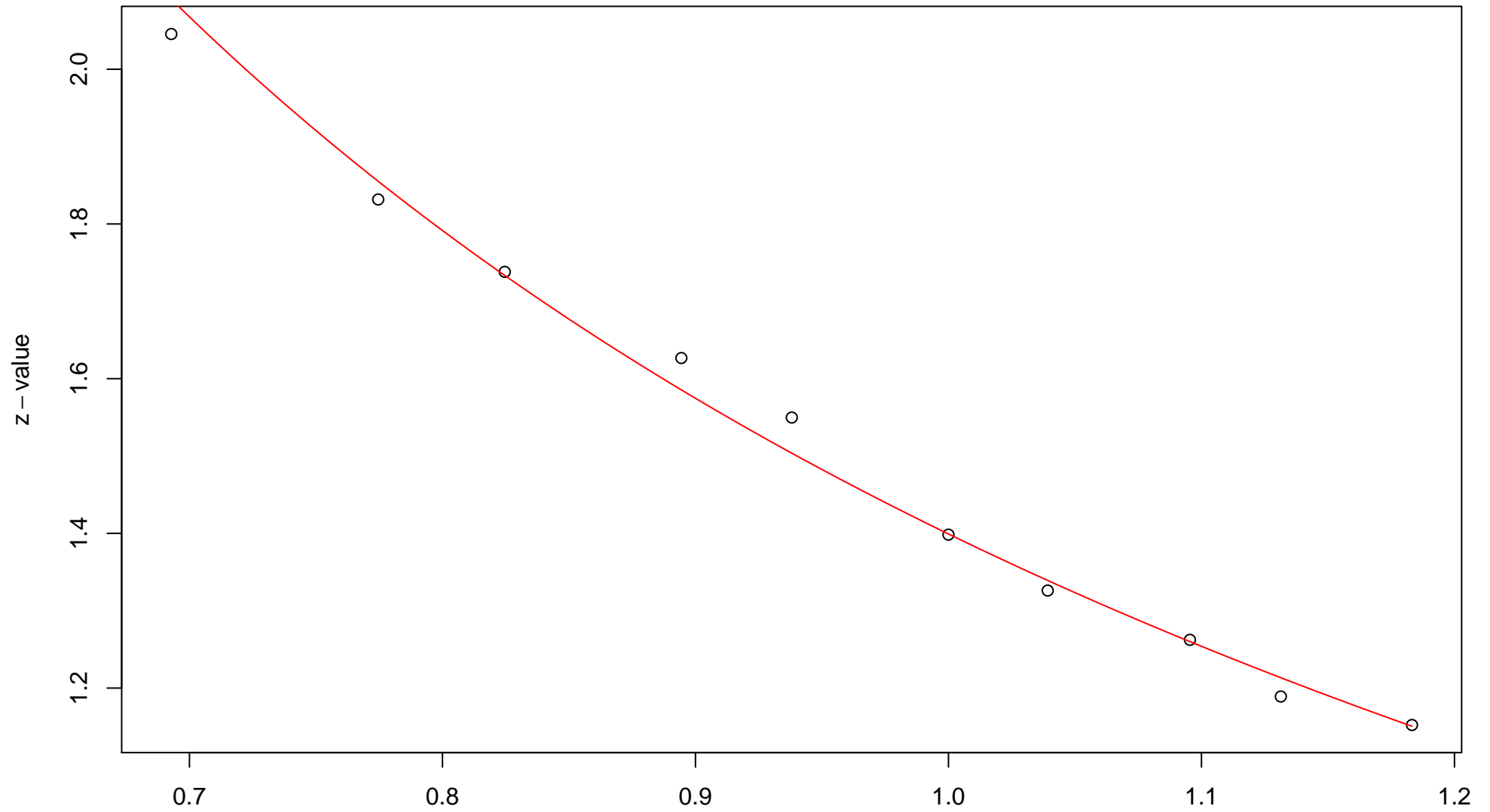


$\sqrt{r}$   
AU = 0.52 , BP = 0.11 ,  $v = 0.59$  ,  $c = 0.65$  ,  $pchi = 0.01$

# 173rd edge

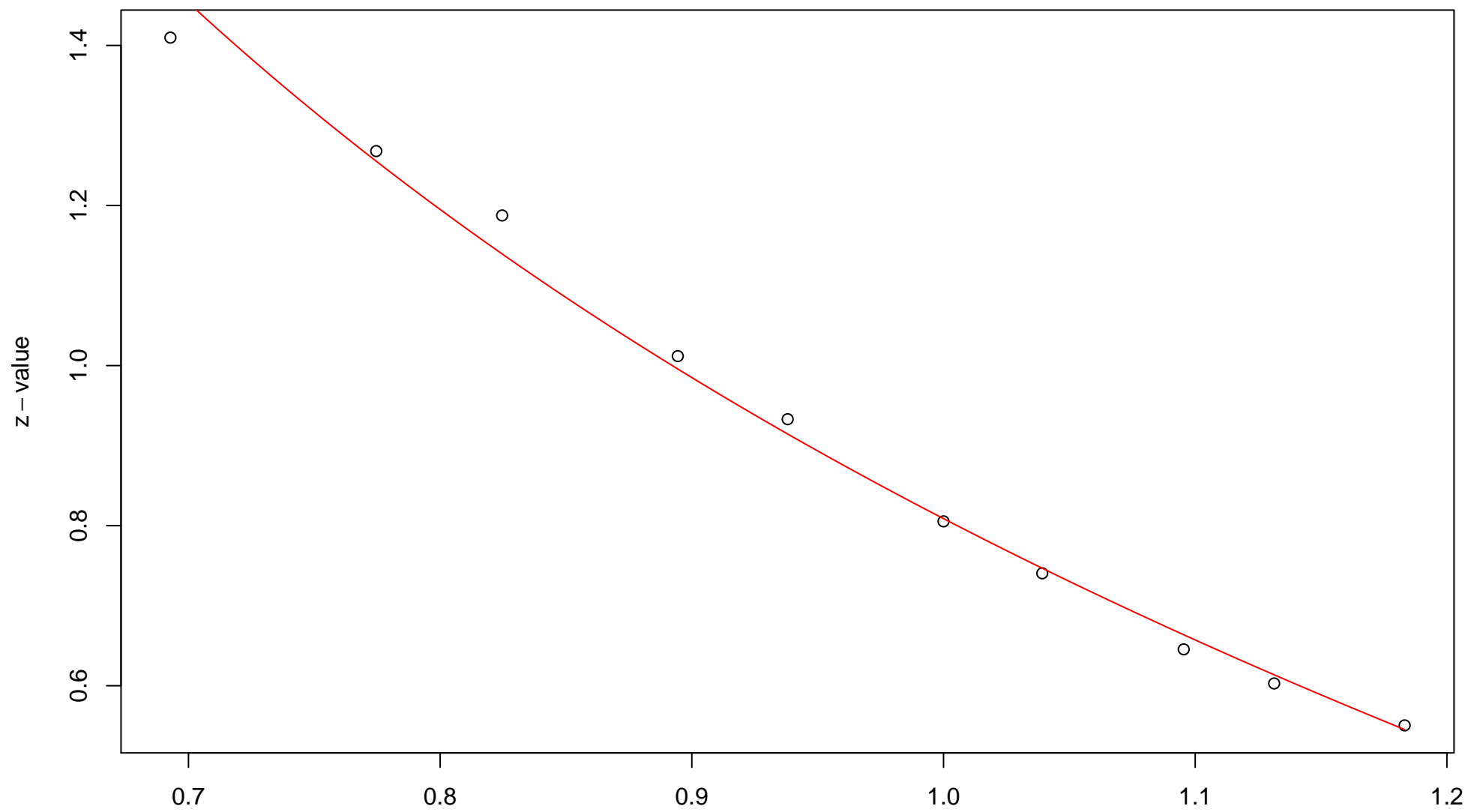


# 174th edge



$\sqrt{r}$   
AU = 0.94 , BP = 0.08 ,  $v = -0.09$  ,  $c = 1.49$  , pchi = 0.05

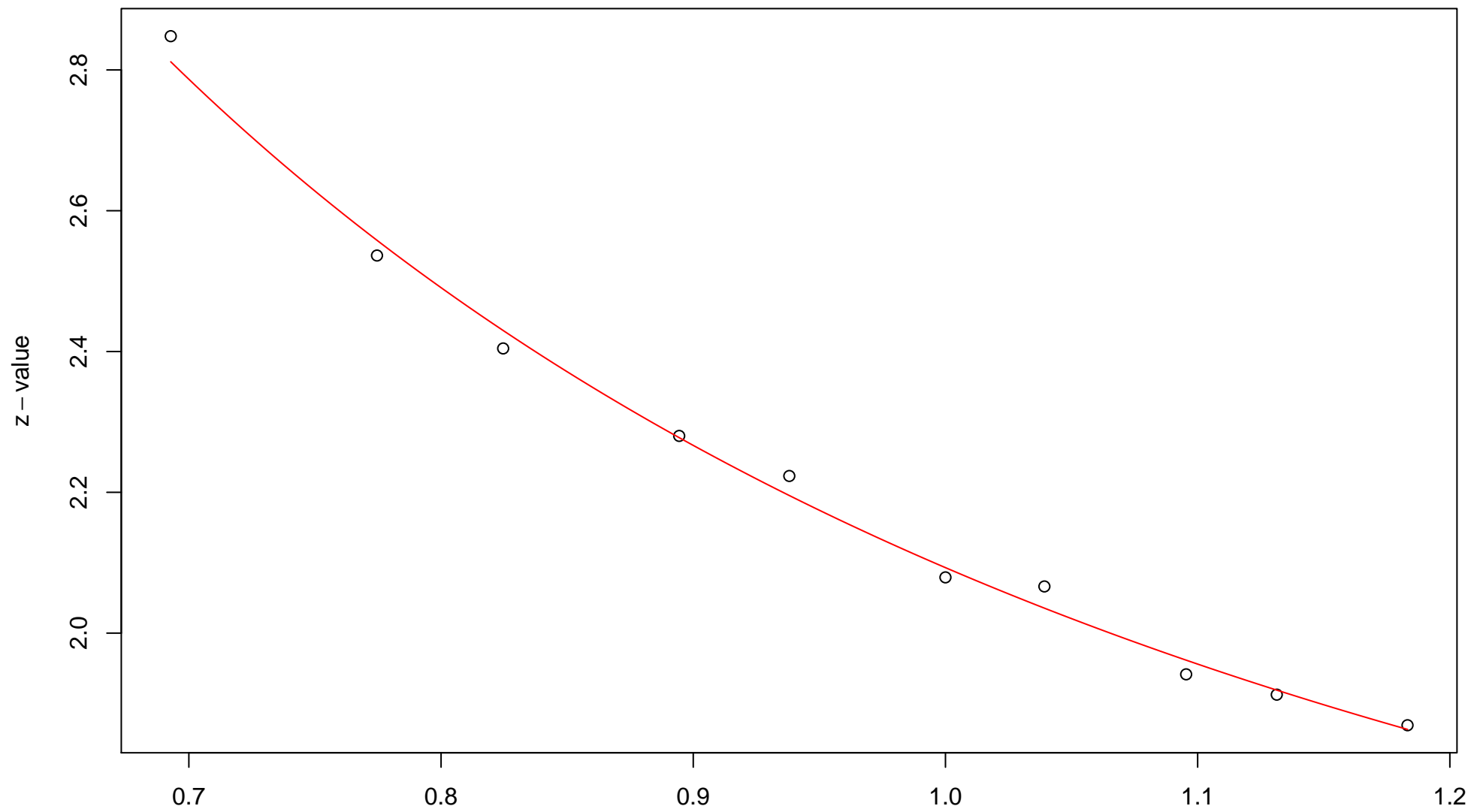
# 175th edge



$\sqrt{r}$   
AU = 0.95 , BP = 0.21 , v = -0.41 , c = 1.22 , pchi = 0

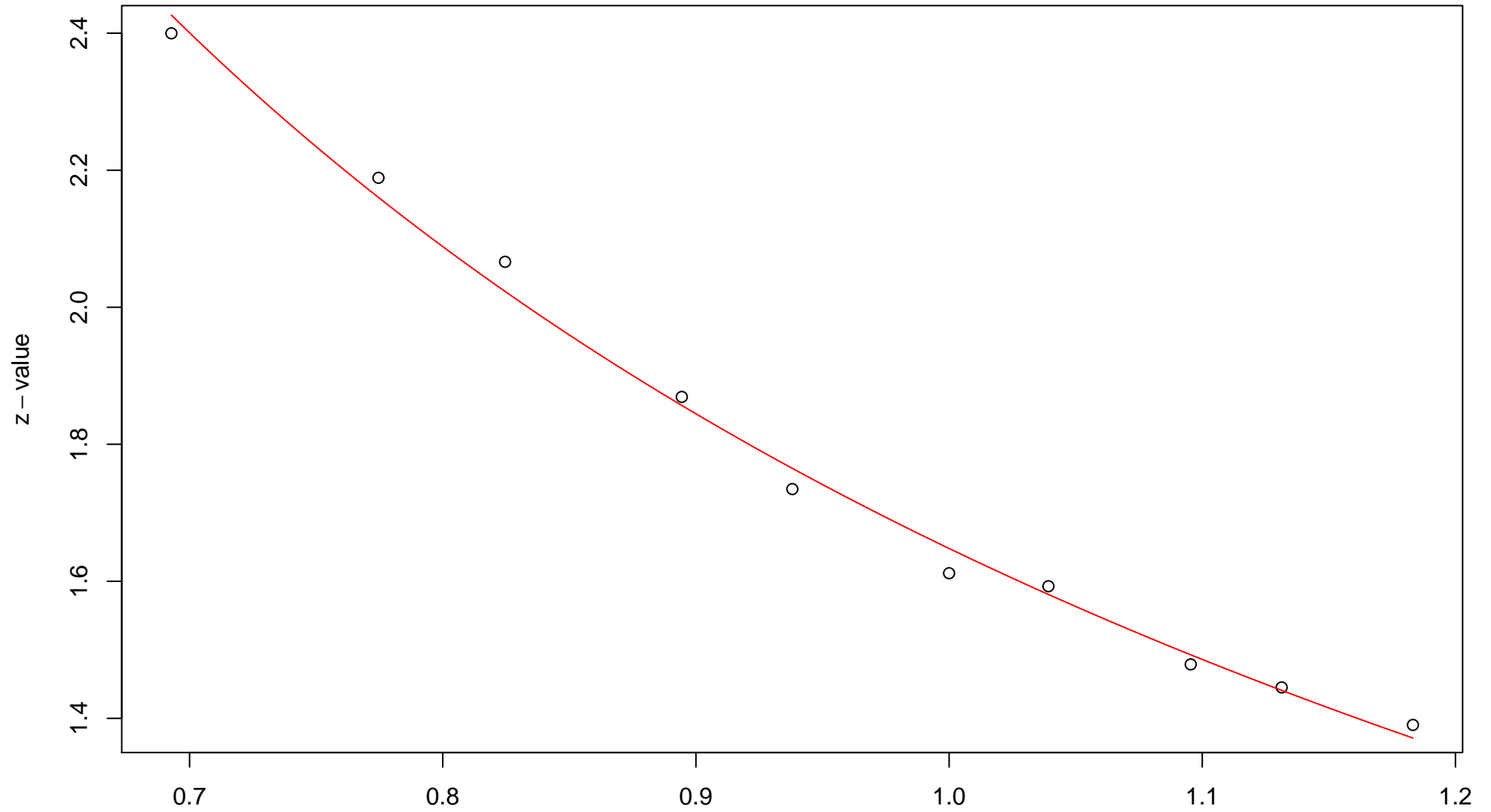


# 176th edge



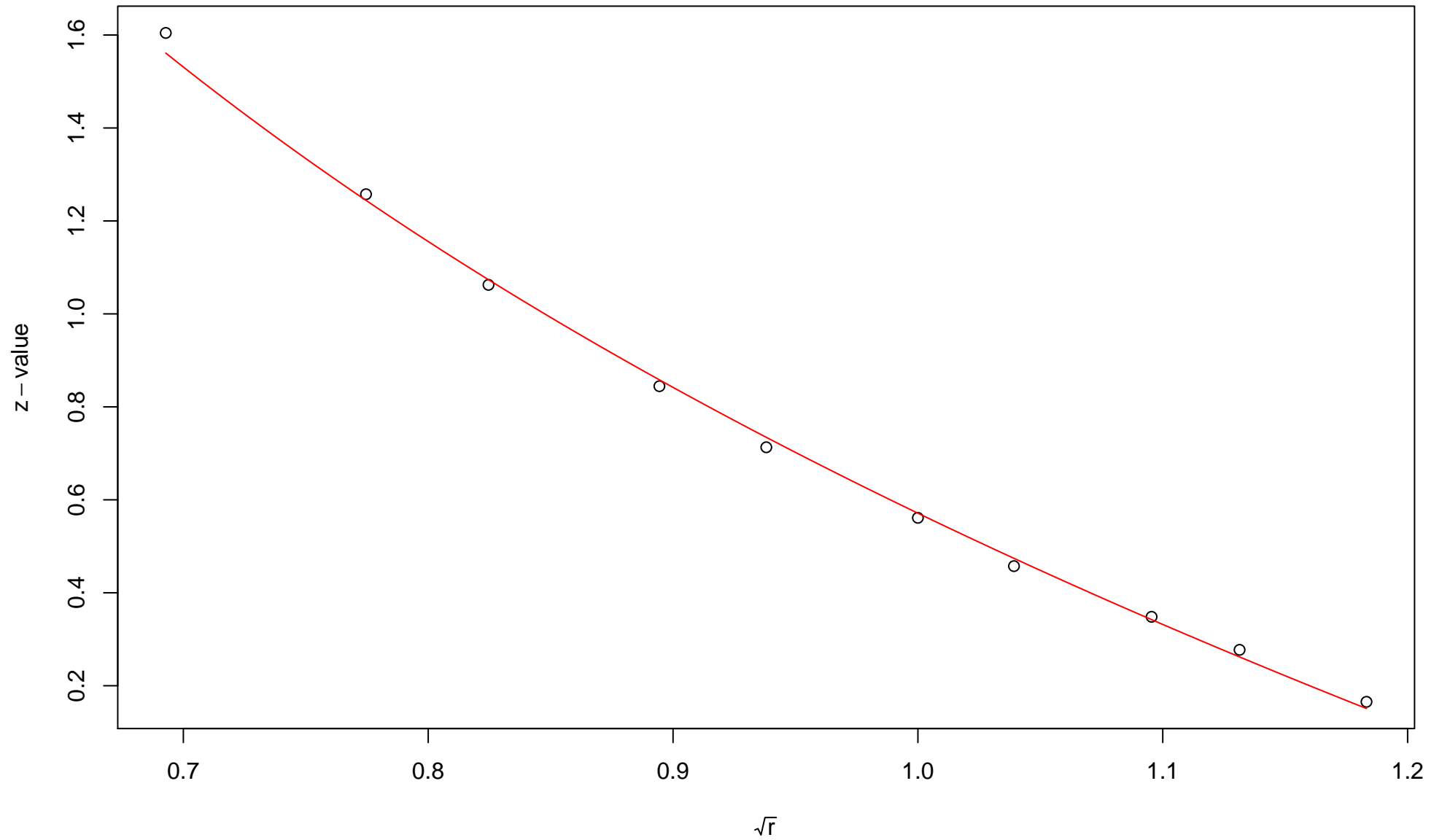
$\sqrt{r}$   
AU = 0.94 , BP = 0.02 , v = 0.28 , c = 1.81 , pchi = 0.89

# 177th edge



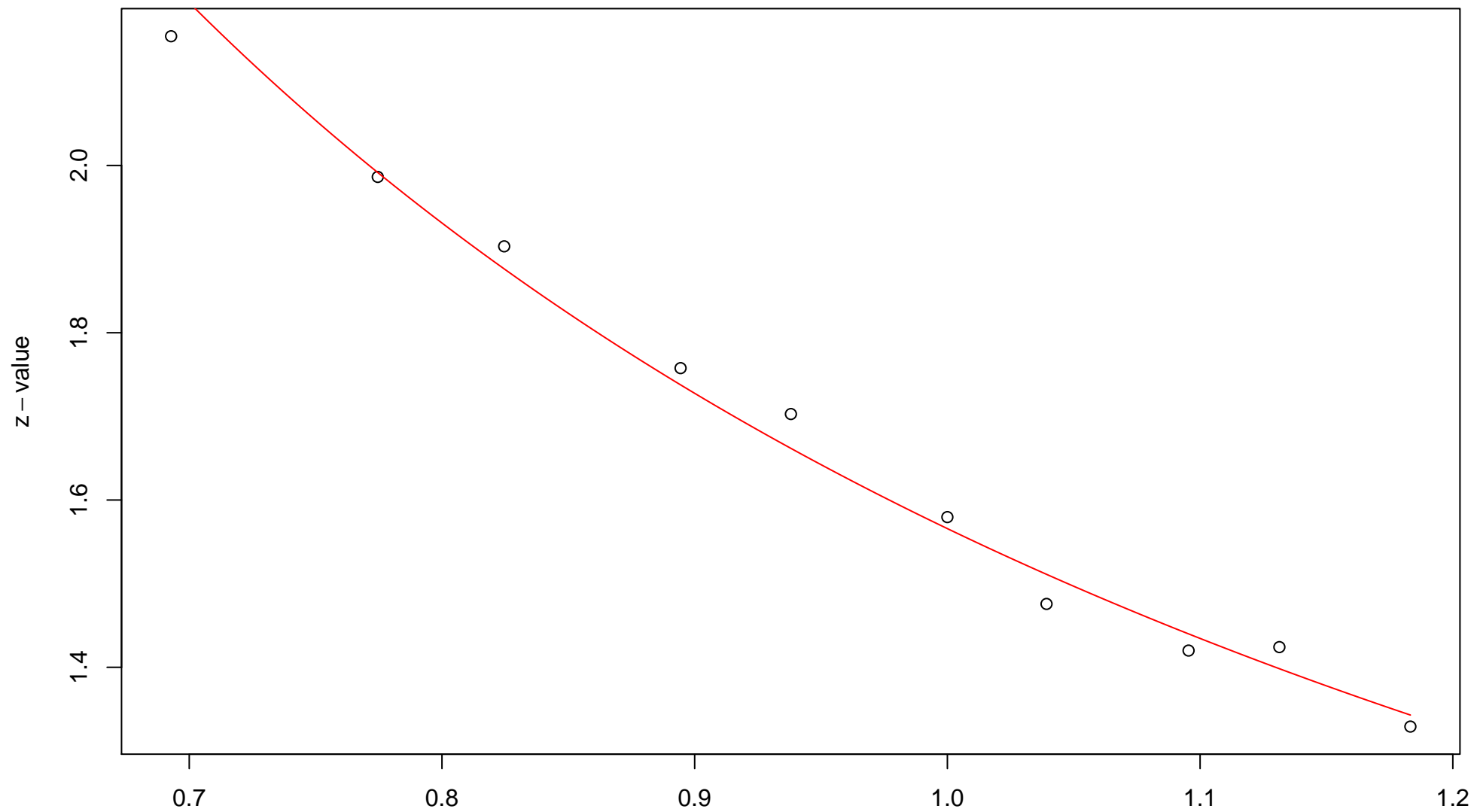
$\sqrt{r}$   
AU = 0.96 , BP = 0.05 ,  $v = -0.06$  , c = 1.71 , pchi = 0.23

# 178th edge



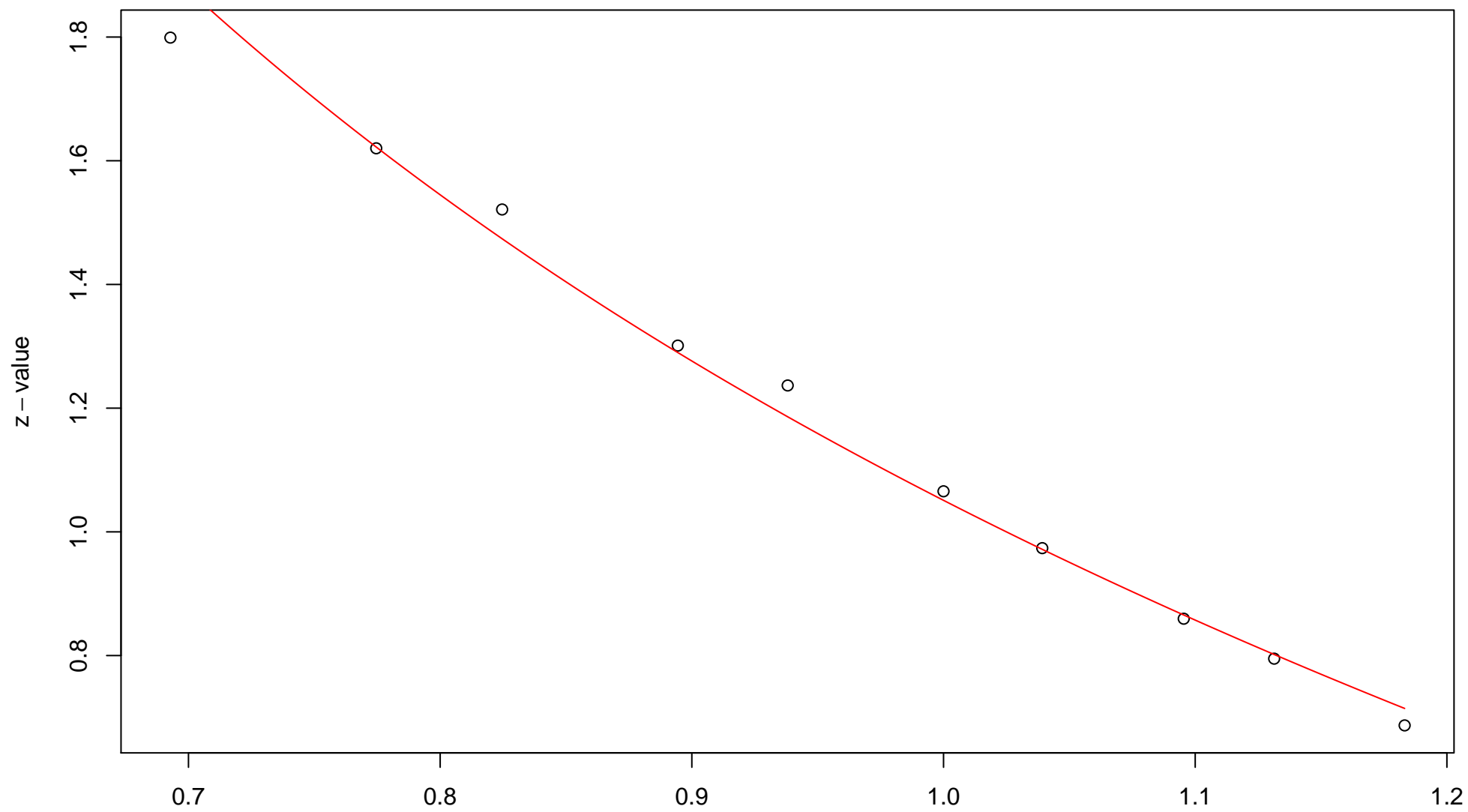
$\sqrt{r}$   
AU = 0.99 , BP = 0.28 ,  $v = -0.98$  ,  $c = 1.55$  ,  $pchi = 0.08$

# 179th edge



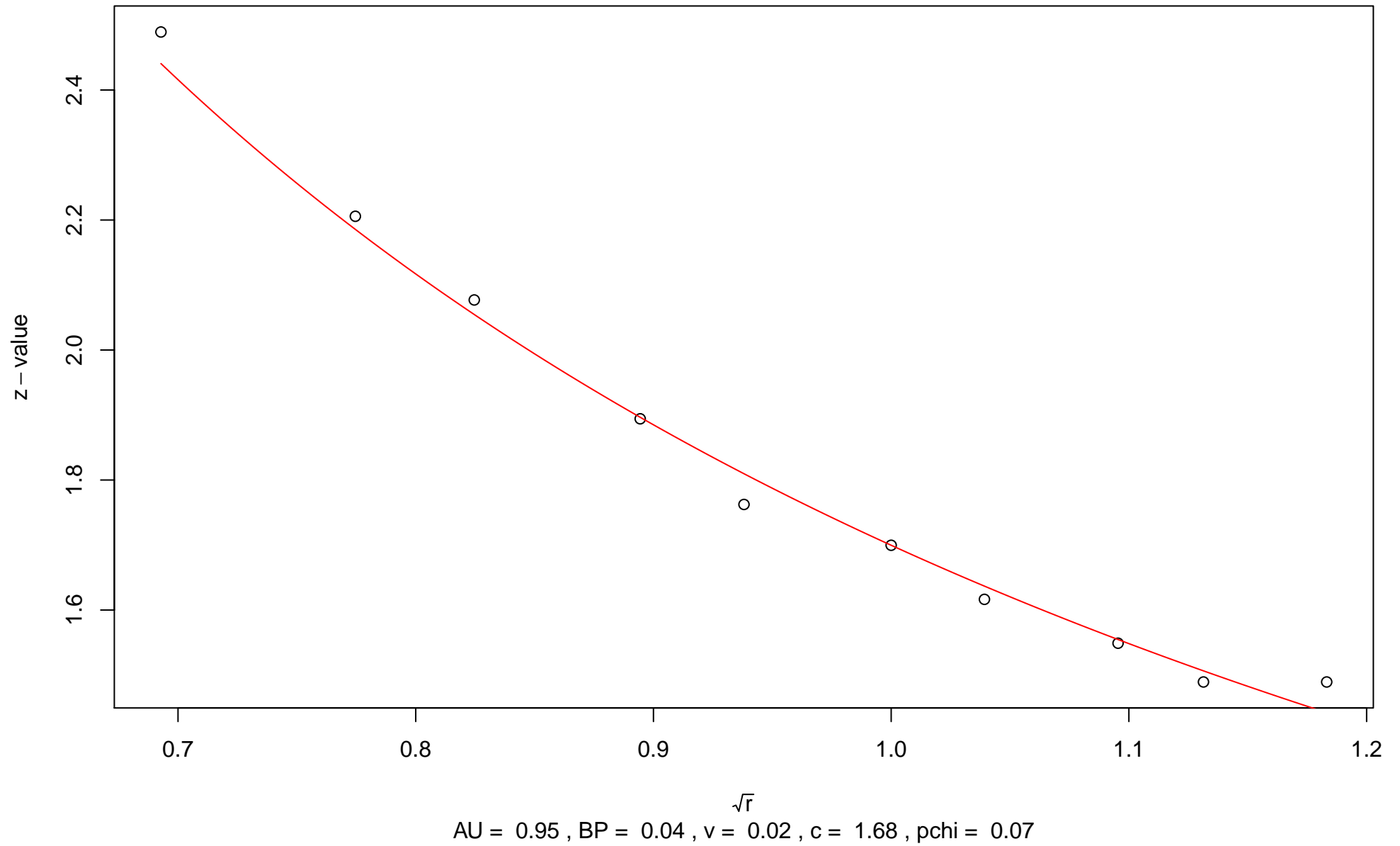
$\sqrt{r}$   
AU = 0.93 , BP = 0.06 , v = 0.06 , c = 1.51 , pchi = 0.03

# 180th edge

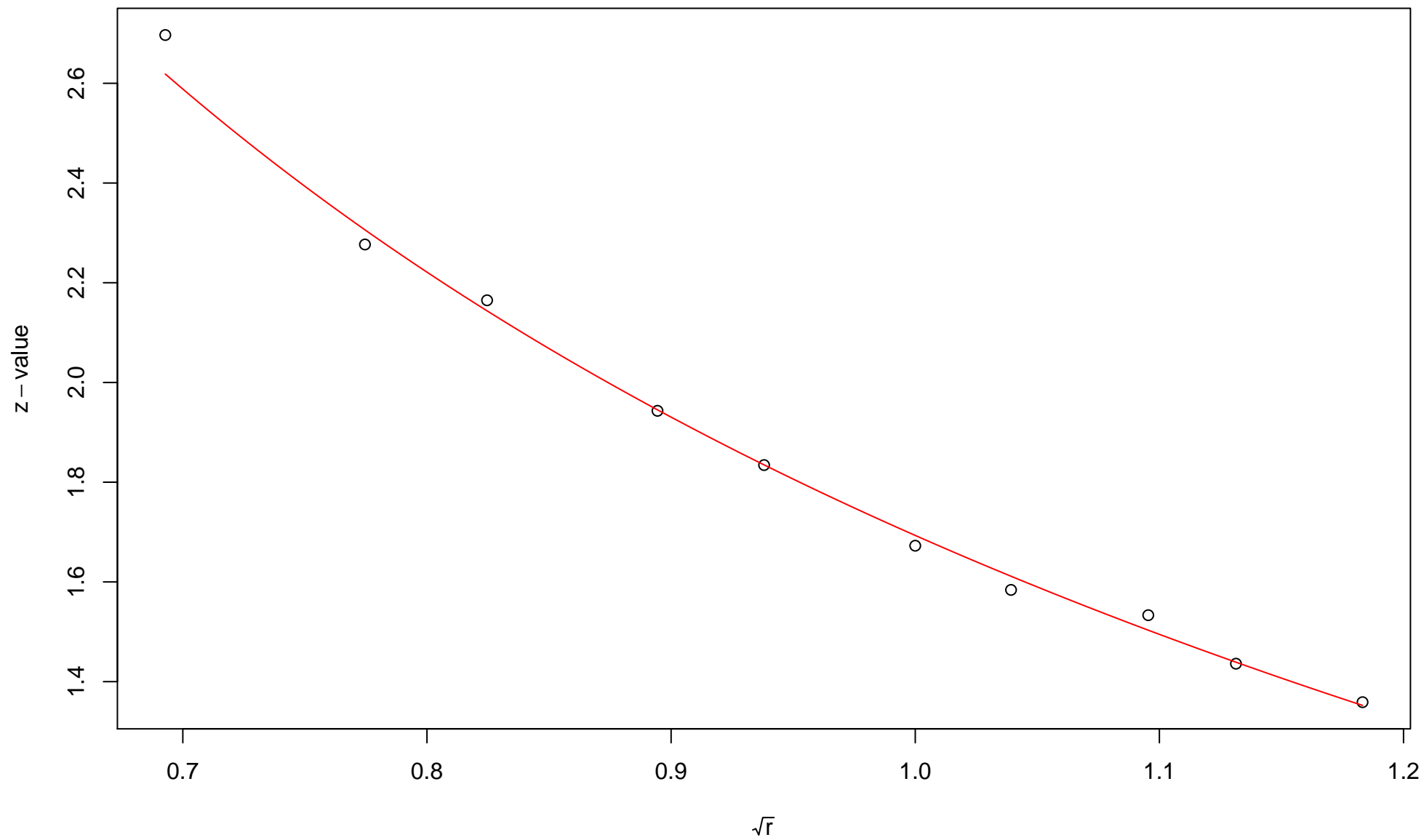


$\sqrt{r}$   
AU = 0.98 , BP = 0.15 , v = -0.51 , c = 1.56 , pchi = 0

# 181st edge

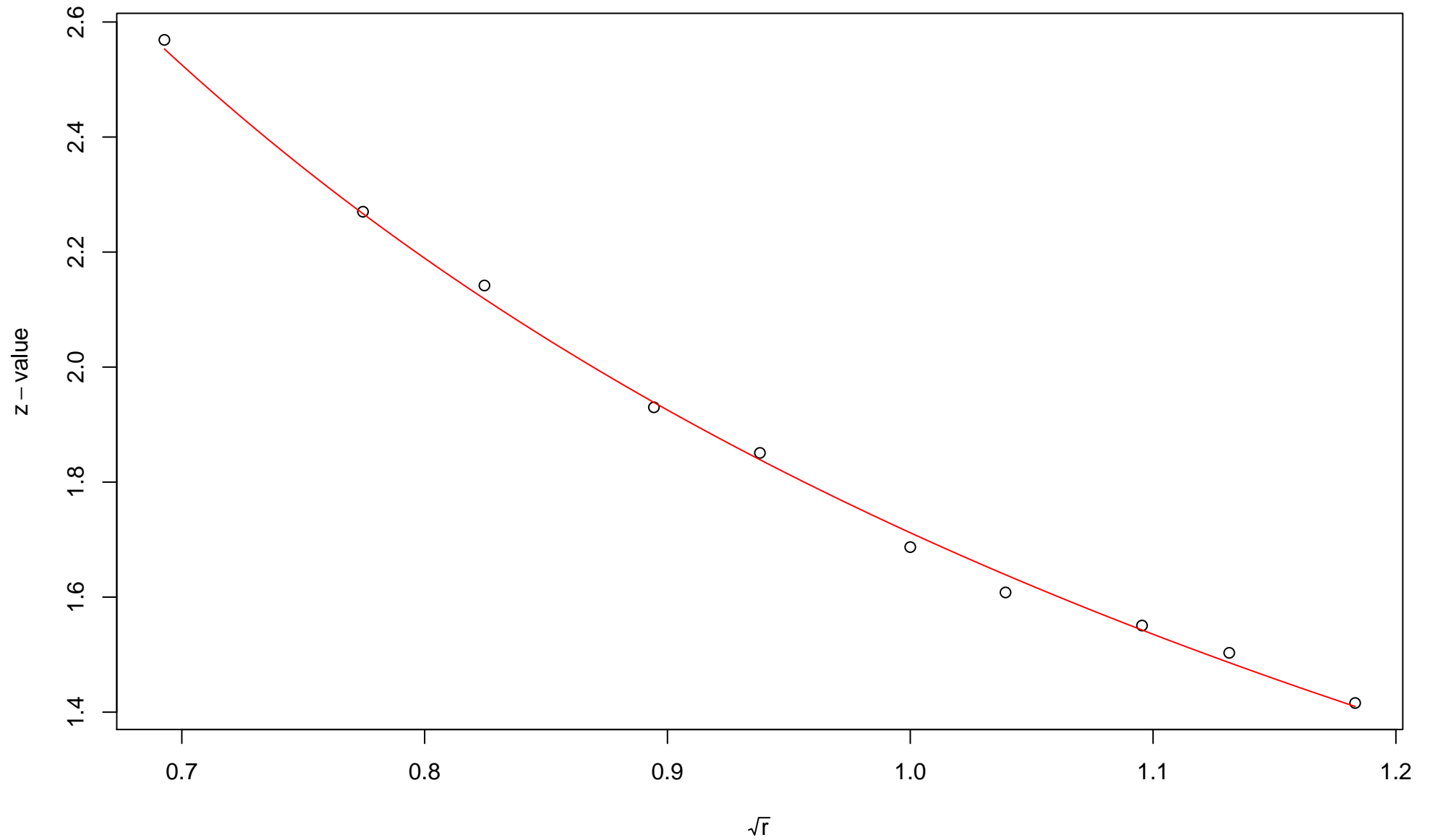


# 182nd edge



$\sqrt{r}$   
AU = 0.98 , BP = 0.05 ,  $v = -0.23$  ,  $c = 1.93$  ,  $pchi = 0.4$

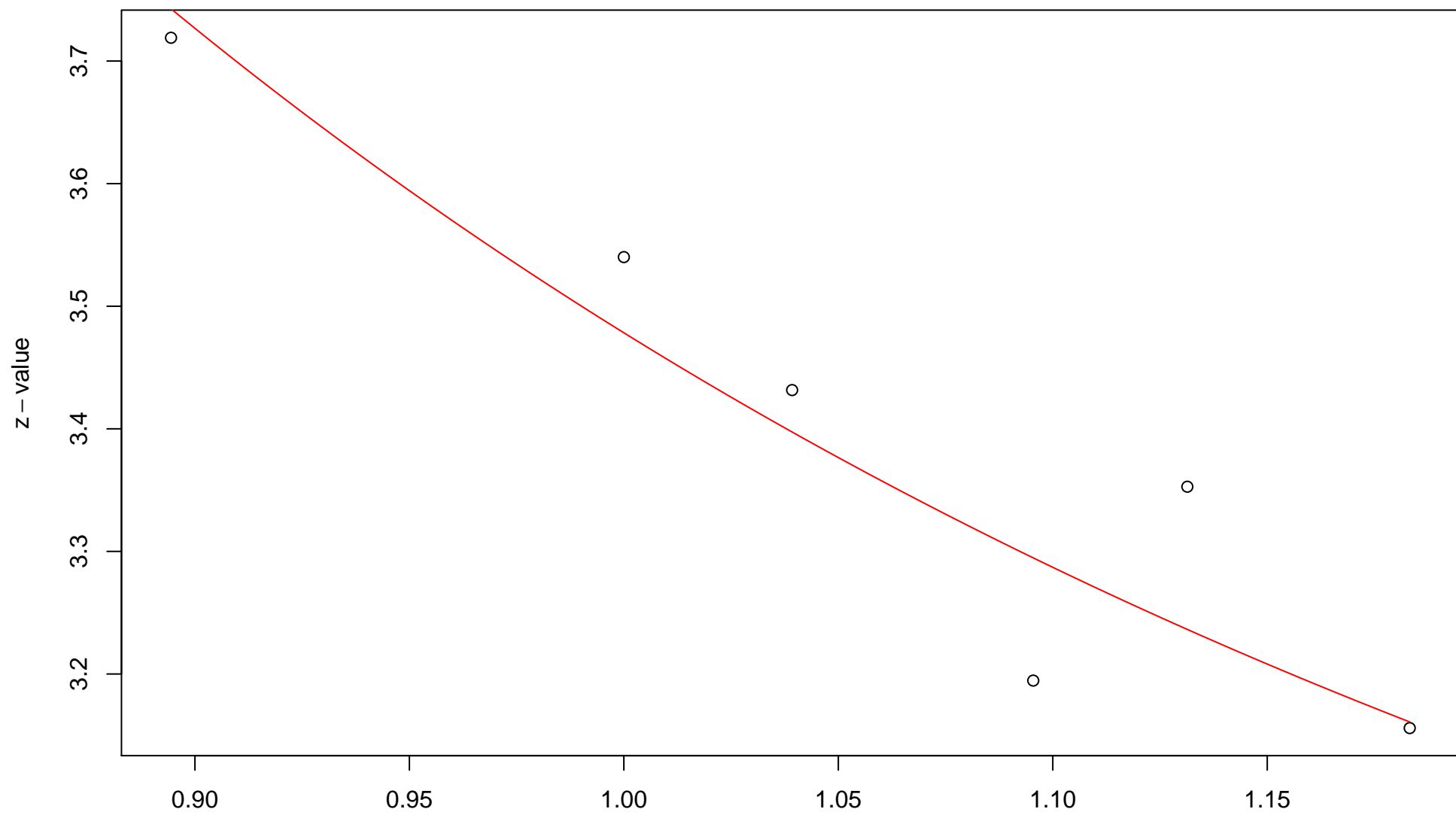
# 183rd edge



$\sqrt{r}$   
AU = 0.97 , BP = 0.04 ,  $v$  = -0.11 ,  $c$  = 1.82 , pchi = 0.69

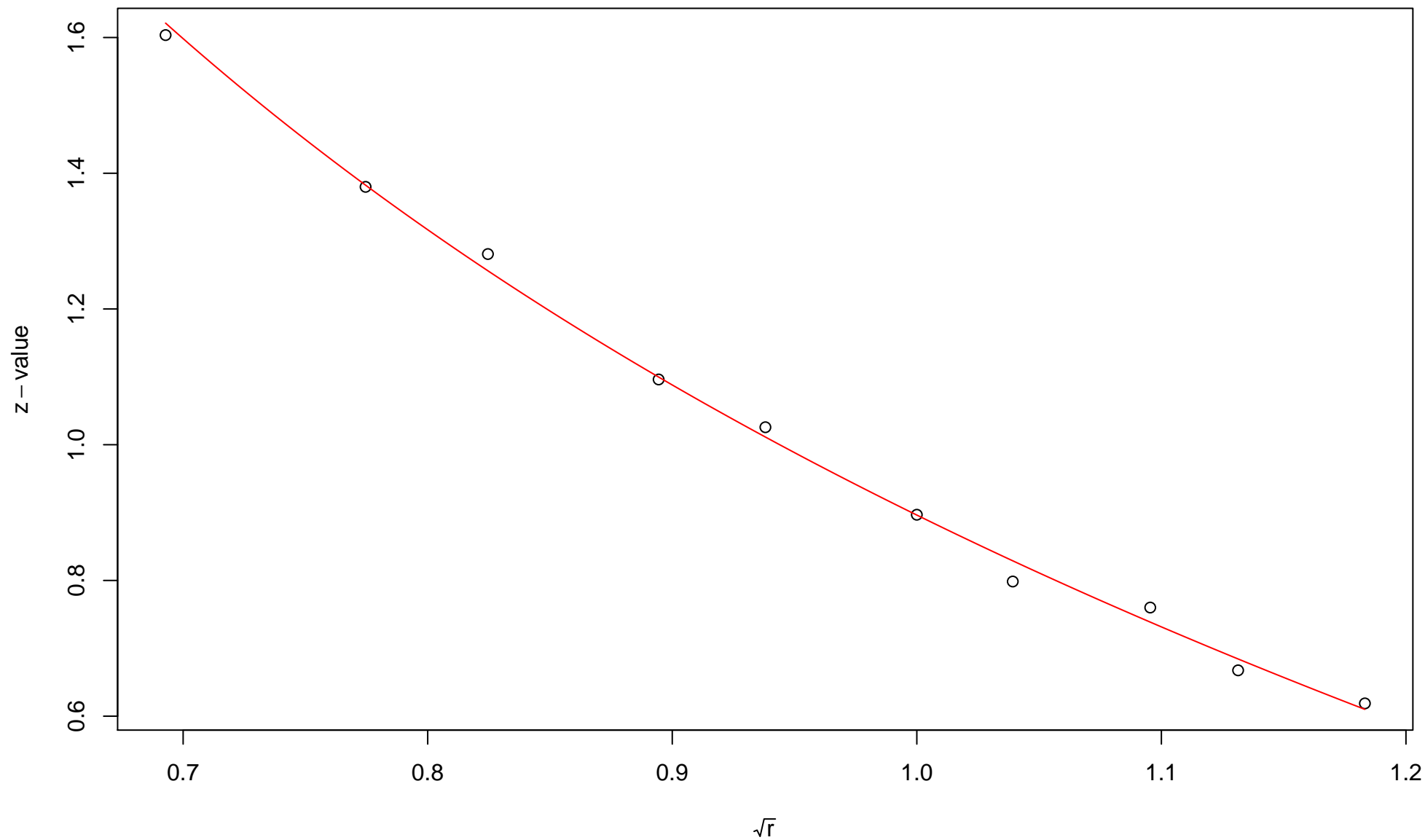


# 184th edge



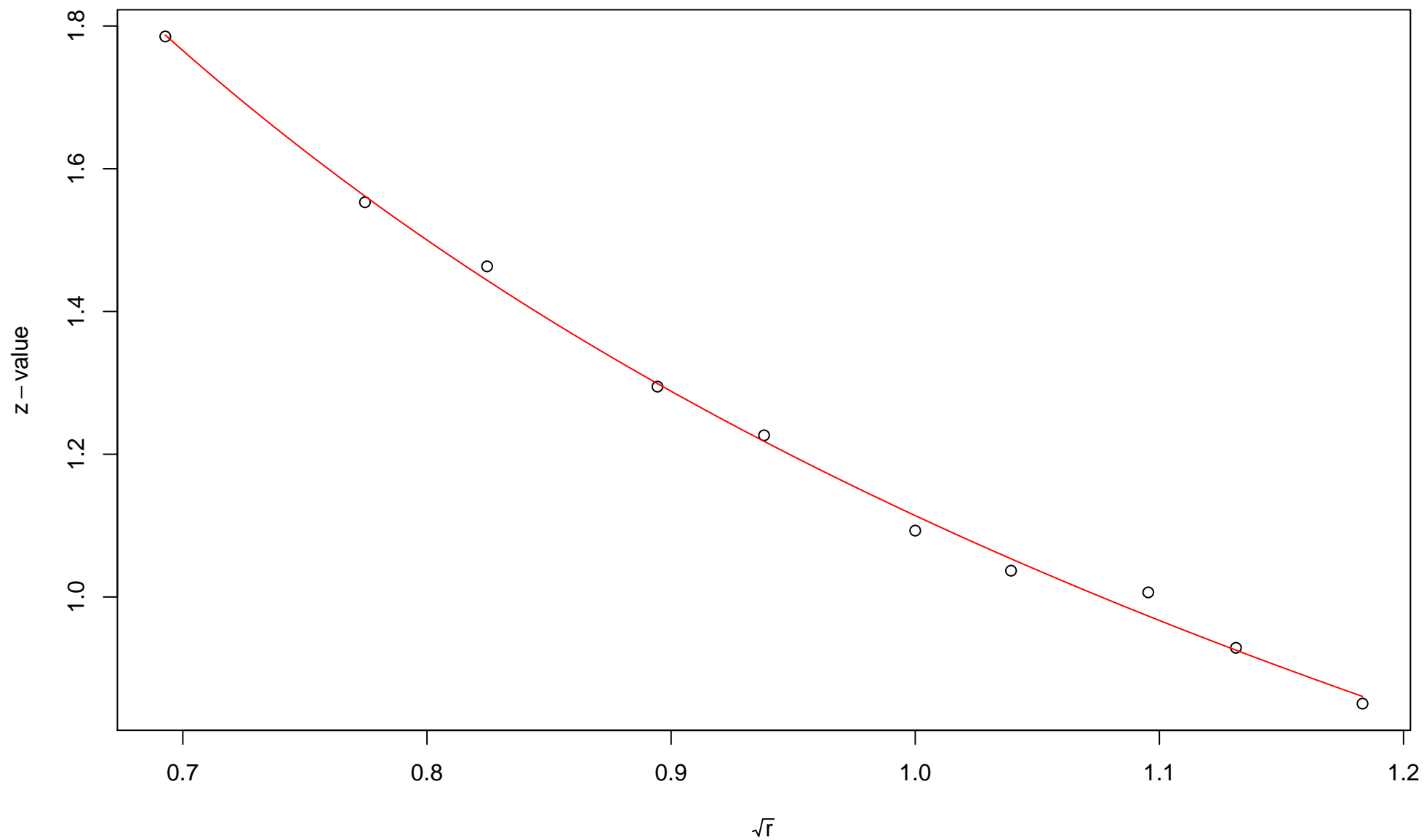
$\sqrt{r}$   
AU = 0.98 , BP = 0 , v = 0.65 , c = 2.82 , pchi = 0.79

# 185th edge



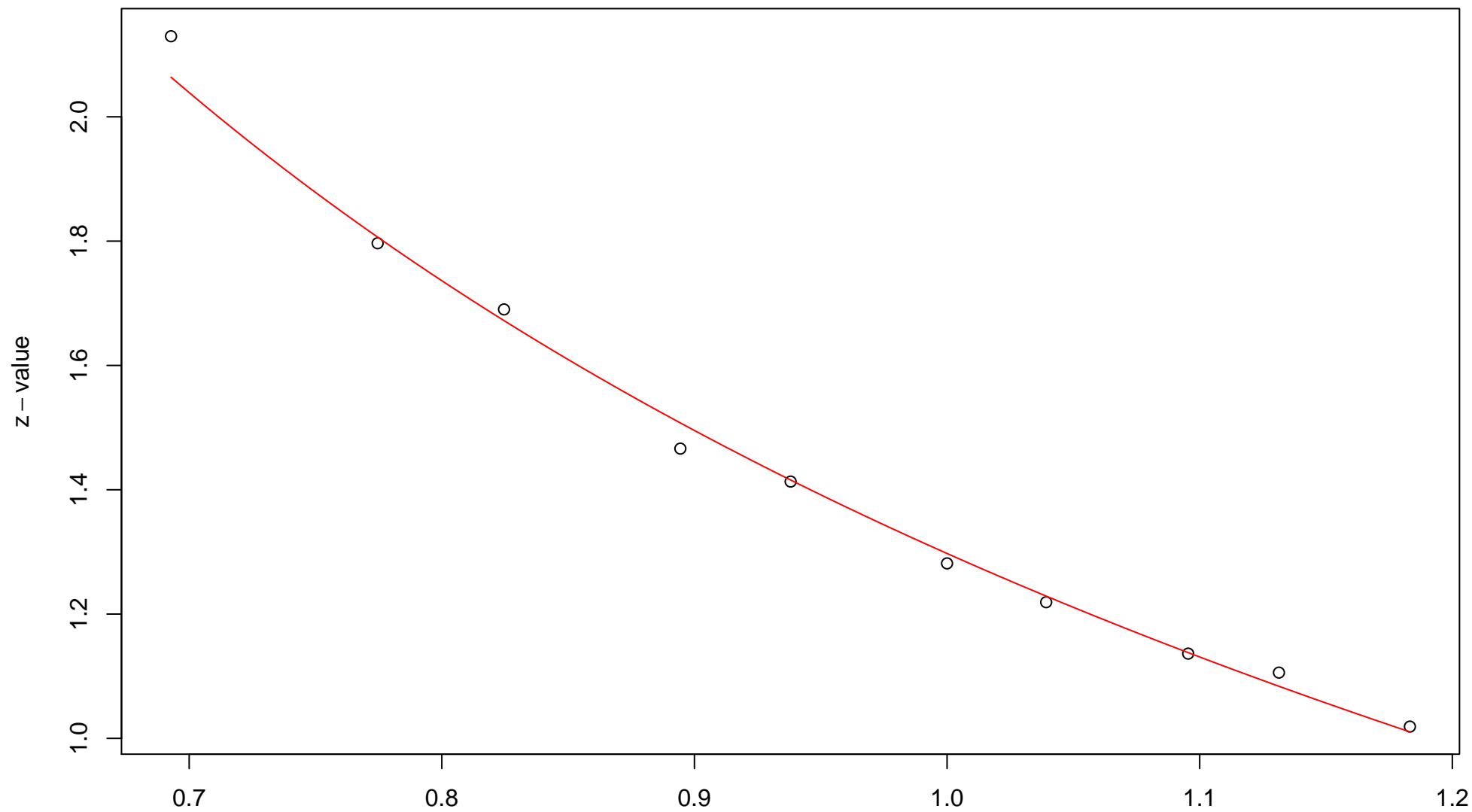
$\sqrt{r}$   
AU = 0.96 , BP = 0.19 ,  $v = -0.44$  ,  $c = 1.33$  ,  $pchi = 0.12$

# 186th edge



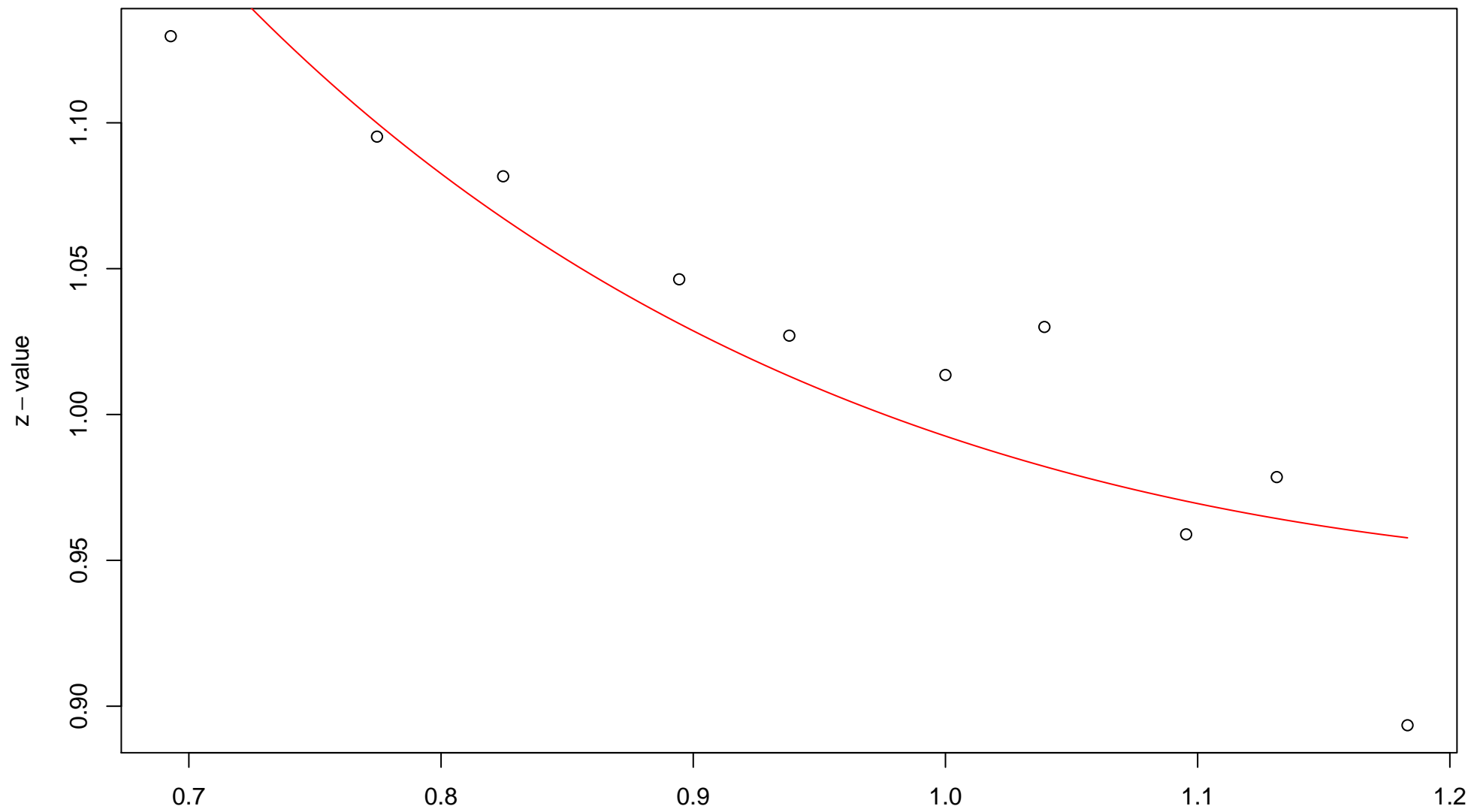
$\sqrt{r}$   
AU = 0.94 , BP = 0.13 ,  $v = -0.24$  ,  $c = 1.35$  ,  $pchi = 0.27$

# 187th edge



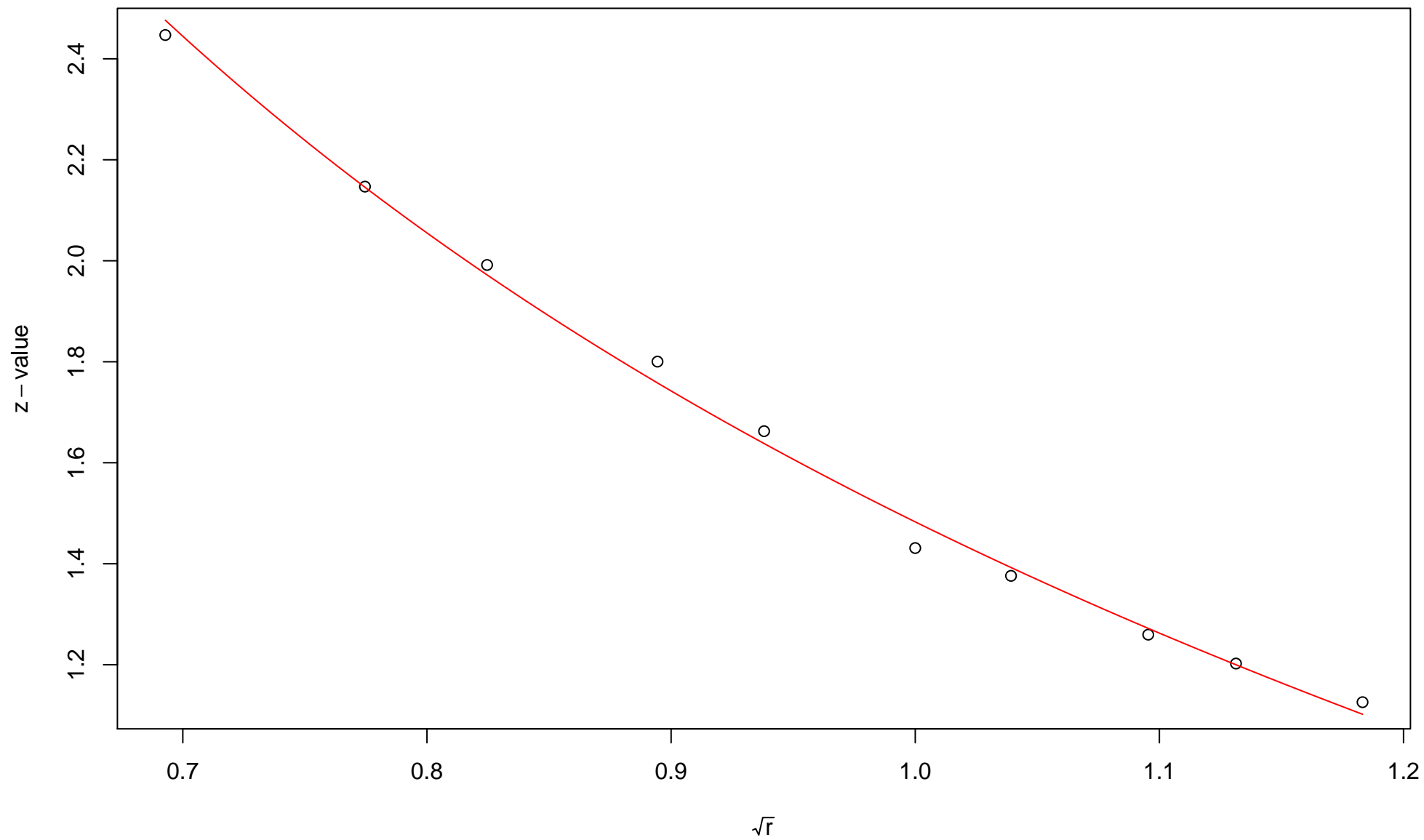
$\sqrt{r}$   
AU = 0.96 , BP = 0.1 , v = -0.25 , c = 1.55 , pchi = 0.09

# 188th edge



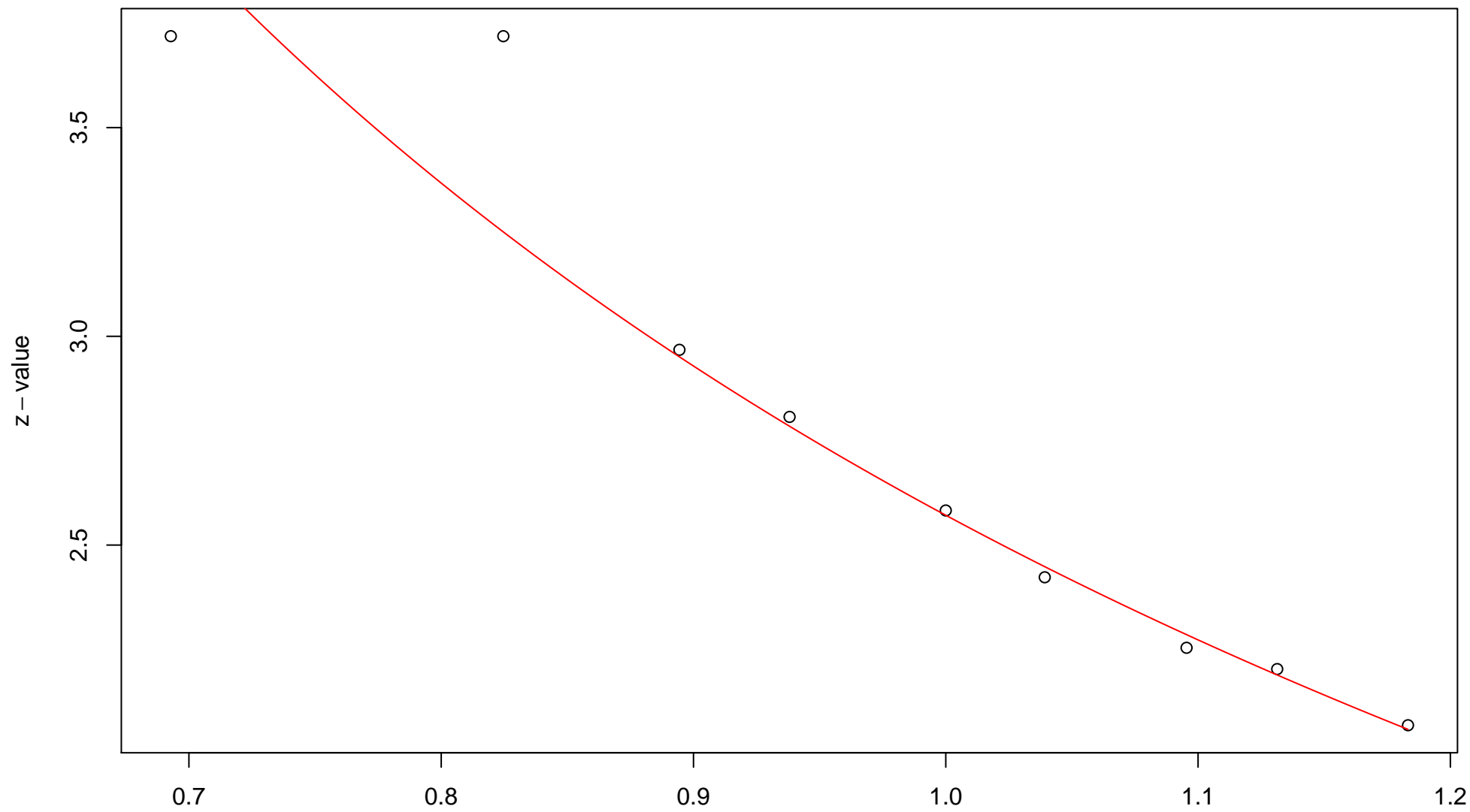
$\sqrt{r}$   
AU = 0.61 , BP = 0.16 ,  $v$  = 0.35 , c = 0.64 , pchi = 0

# 189th edge



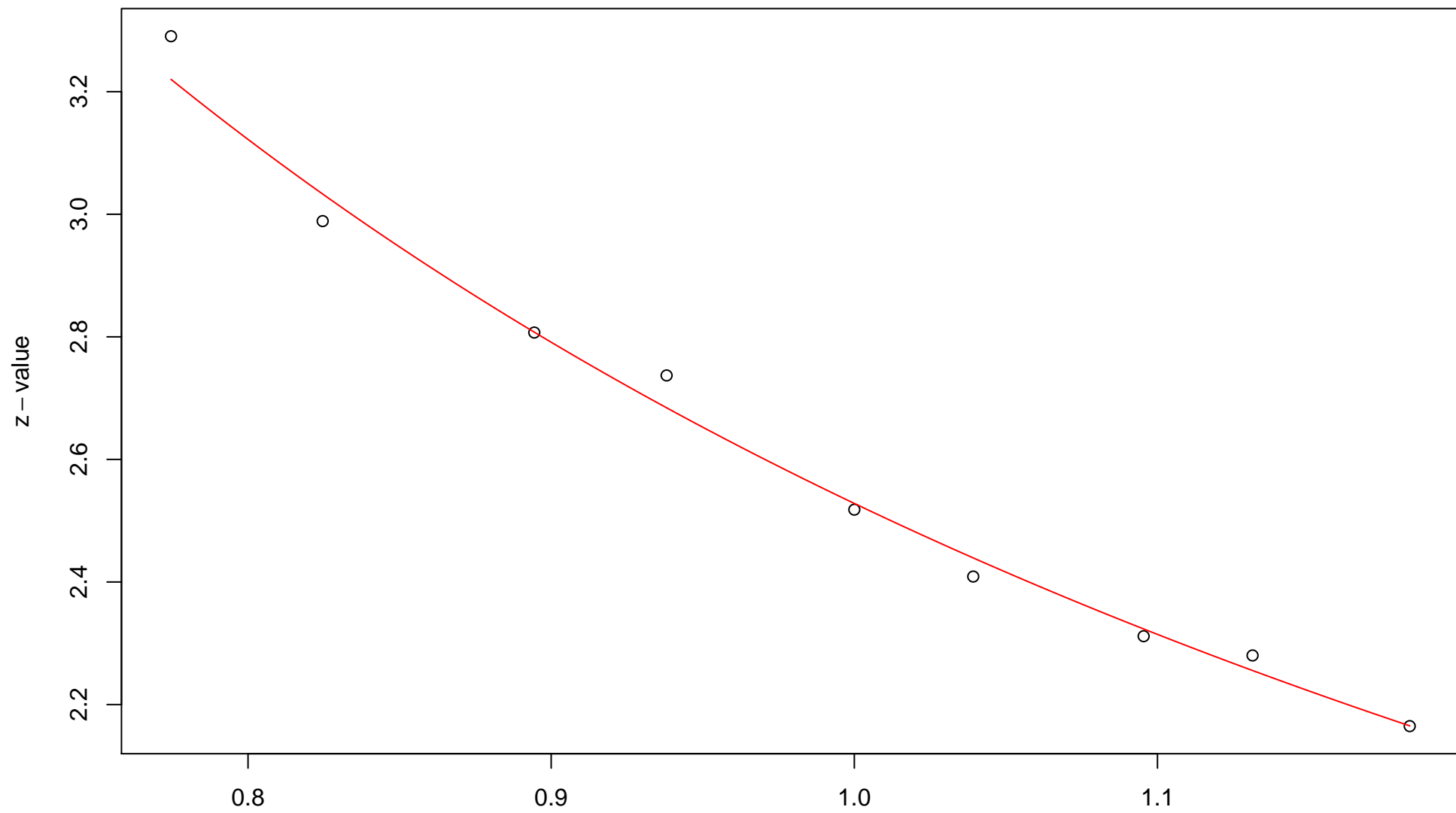
$\sqrt{r}$   
AU = 0.99 , BP = 0.07 ,  $v = -0.45$  ,  $c = 1.93$  ,  $pchi = 0.03$

# 190th edge



$\sqrt{r}$   
AU = 1 , BP = 0.01 ,  $v = -0.34$  ,  $c = 2.91$  , pchi = 0.53

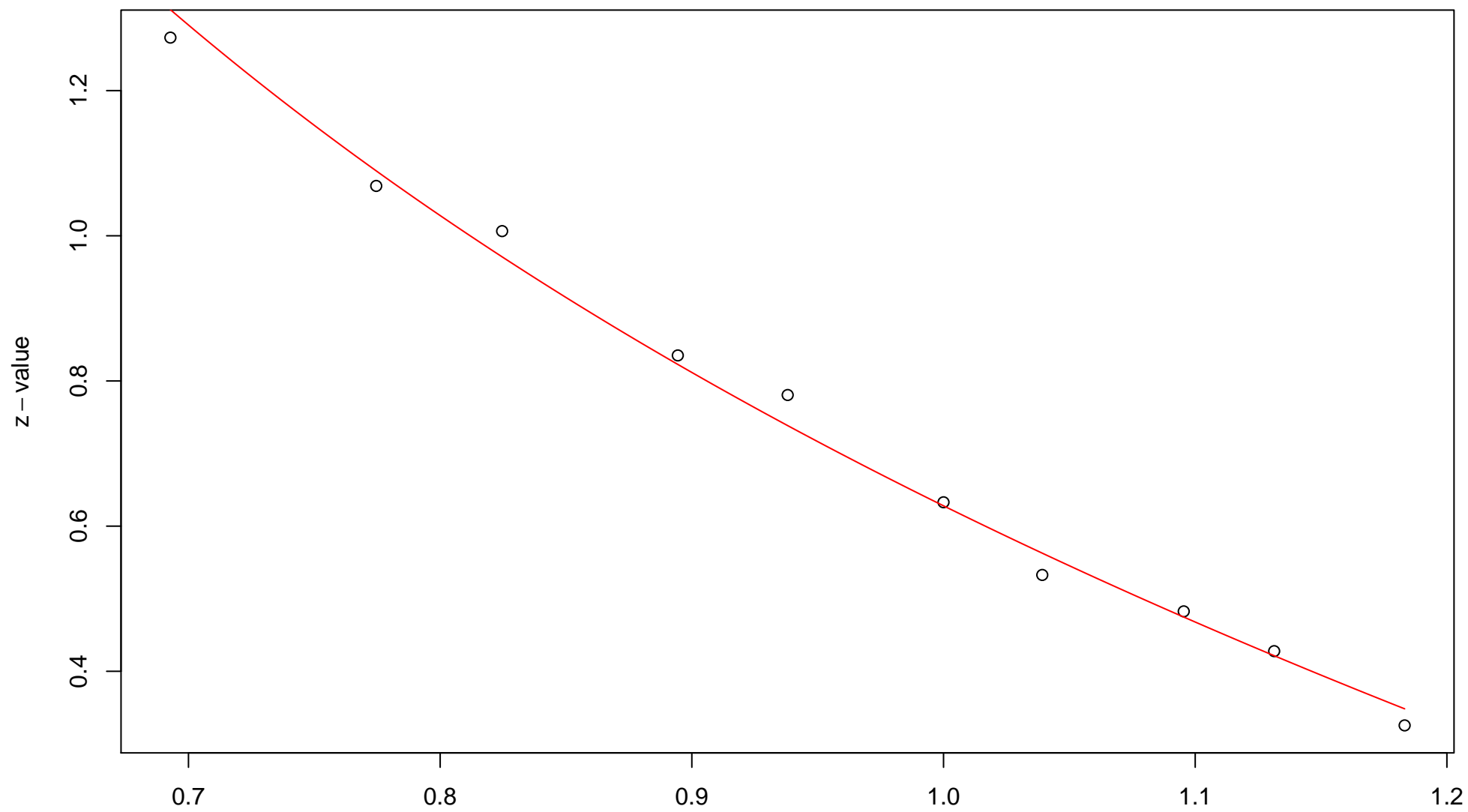
# 191st edge



$\sqrt{r}$   
AU = 0.99 , BP = 0.01 ,  $v$  = 0.08 ,  $c$  = 2.44 , pchi = 0.92

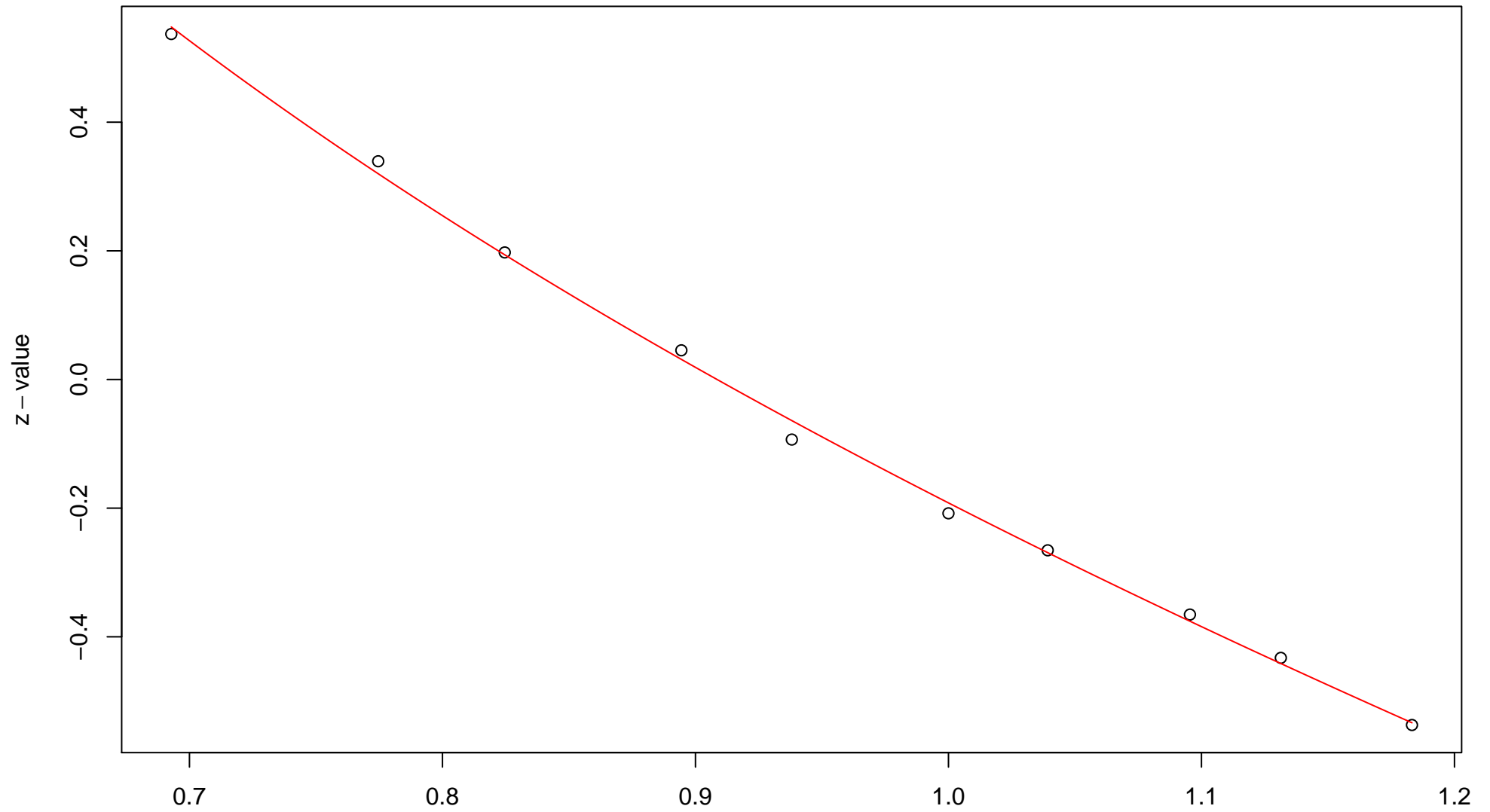


# 192nd edge



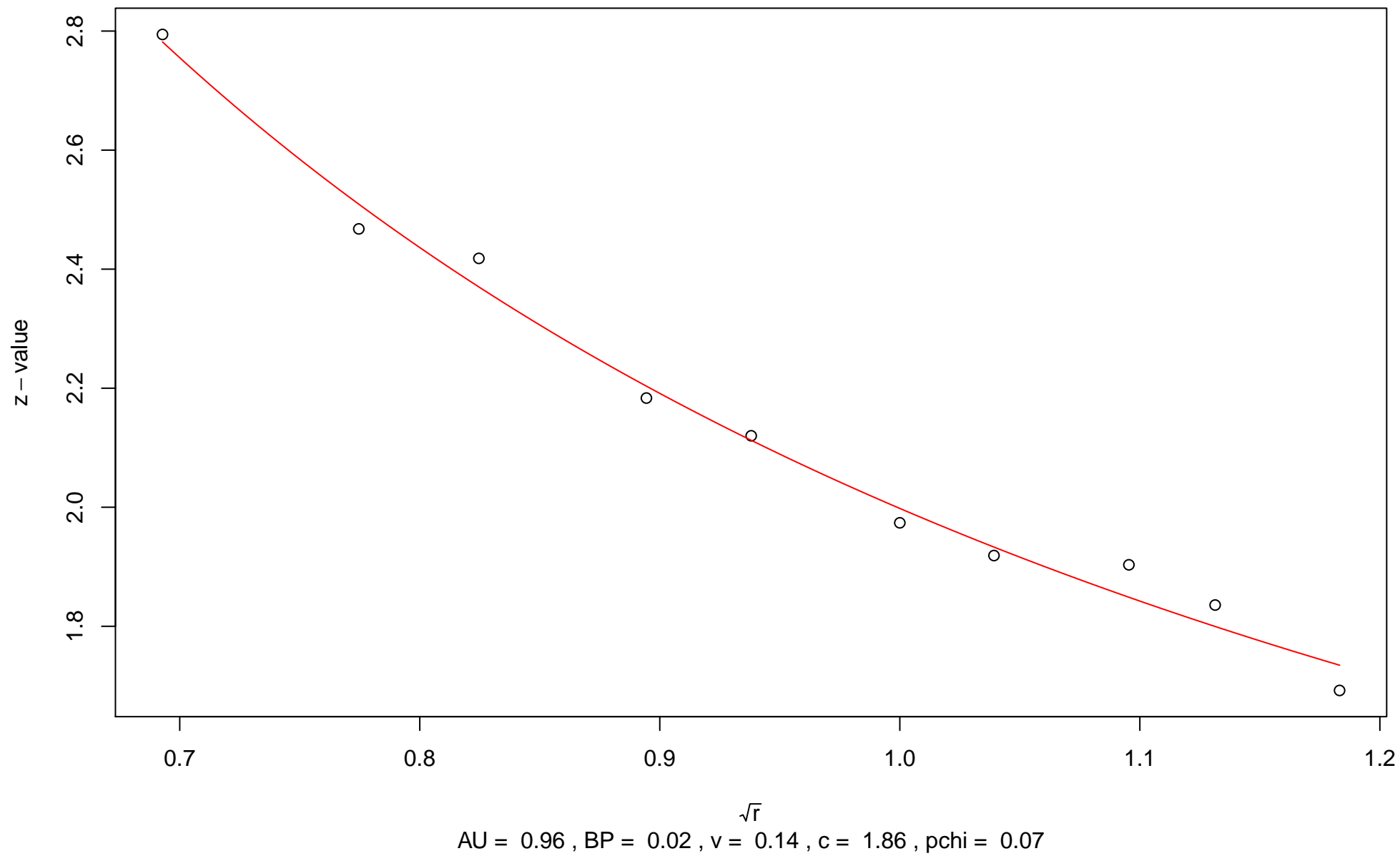
$\sqrt{r}$   
AU = 0.96 , BP = 0.27 , v = -0.54 , c = 1.17 , pchi = 0

# 193rd edge

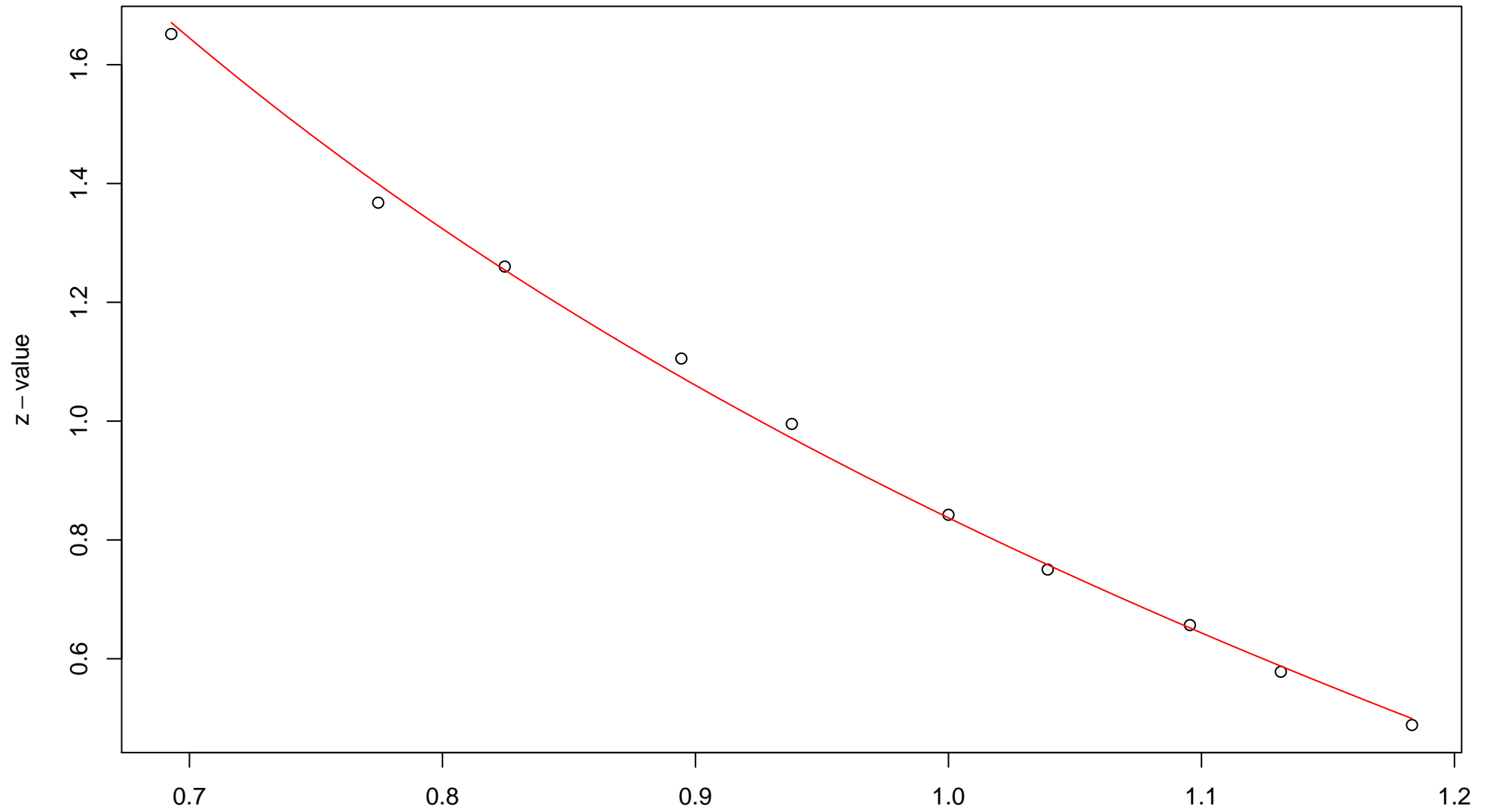


$\sqrt{r}$   
AU = 0.98 , BP = 0.58 ,  $v = -1.1$  ,  $c = 0.91$  ,  $pchi = 0.12$

# 194th edge

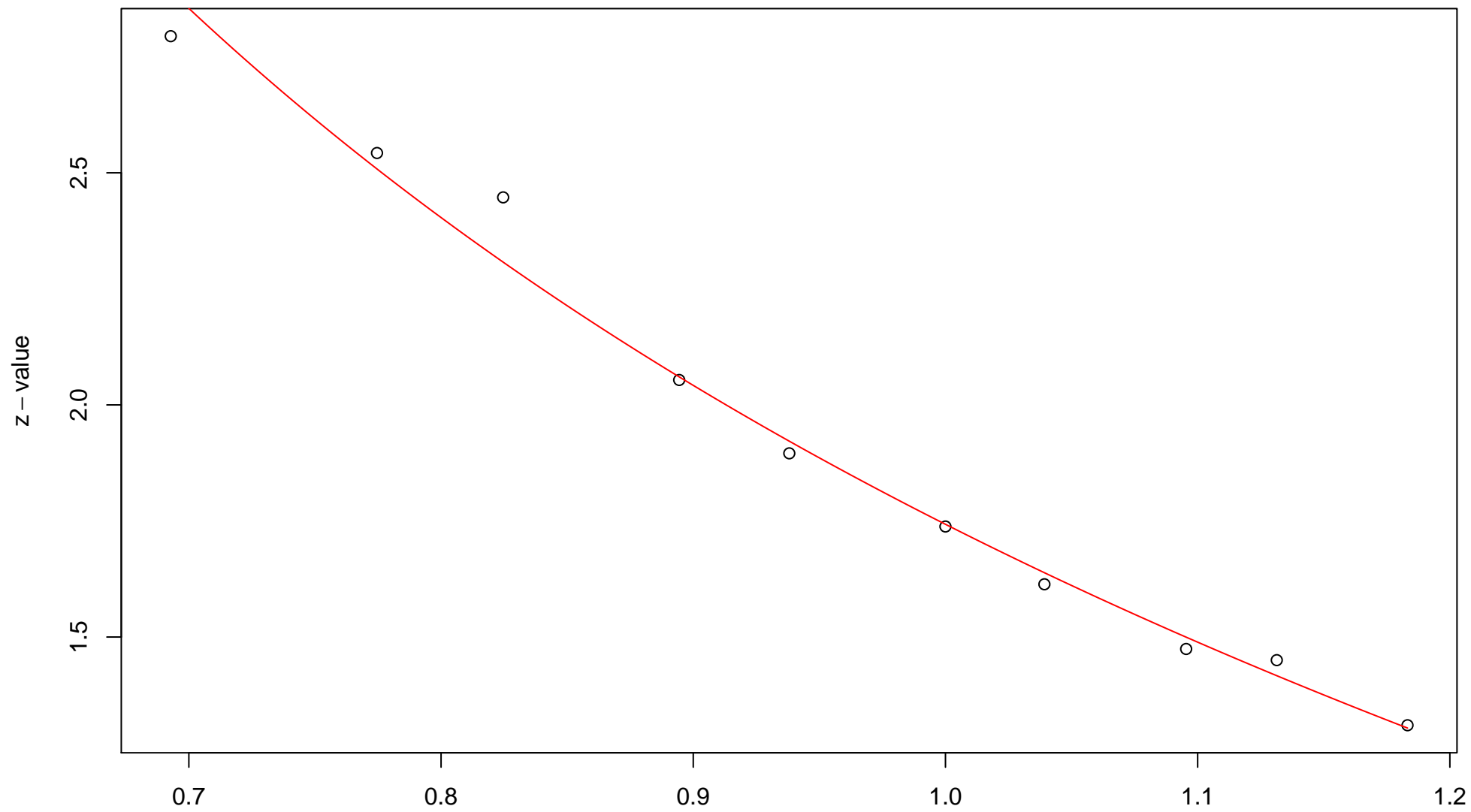


# 195th edge



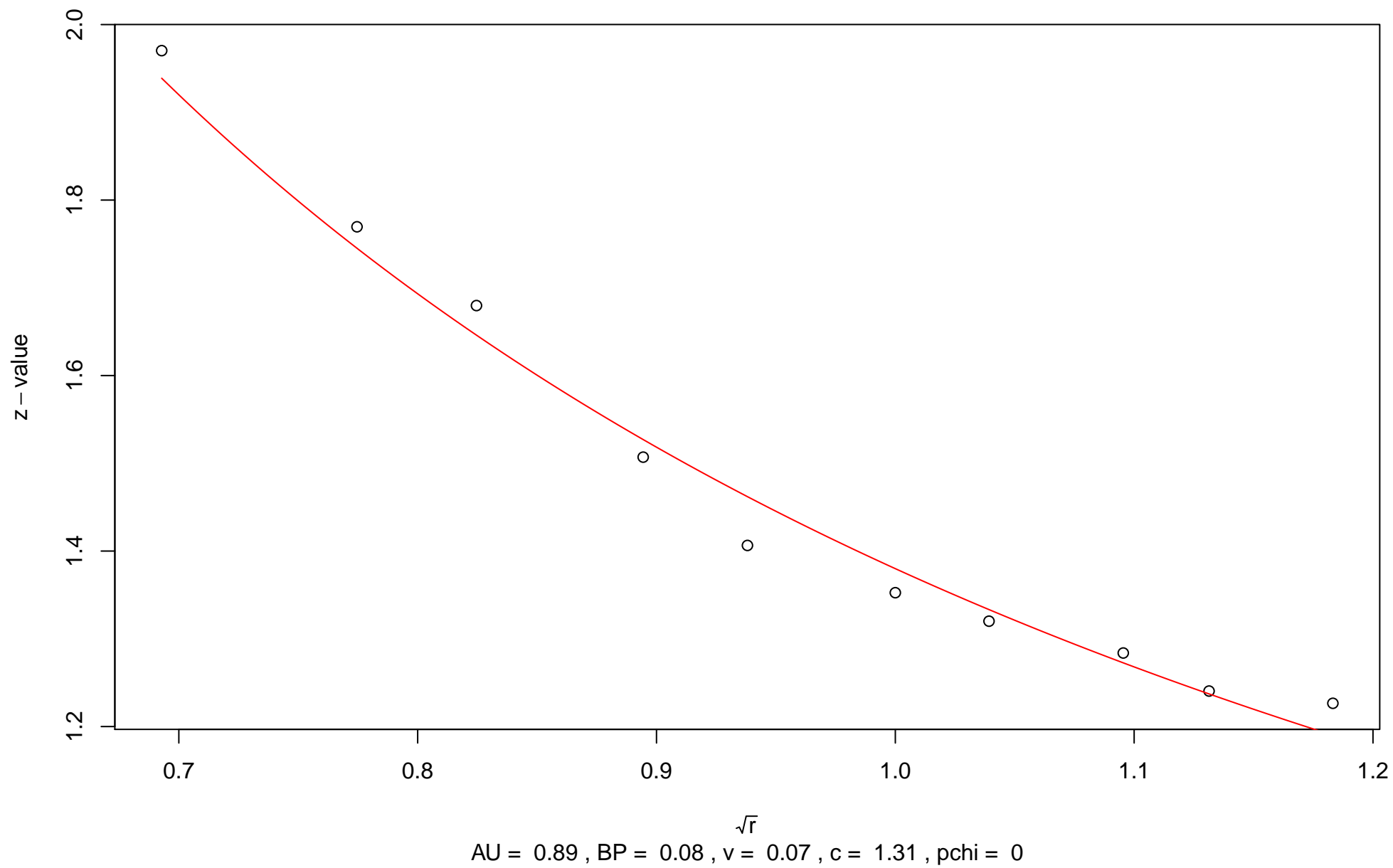
$\sqrt{r}$   
AU = 0.98 , BP = 0.2 ,  $v = -0.62$  ,  $c = 1.45$  ,  $pchi = 0.14$

# 196th edge

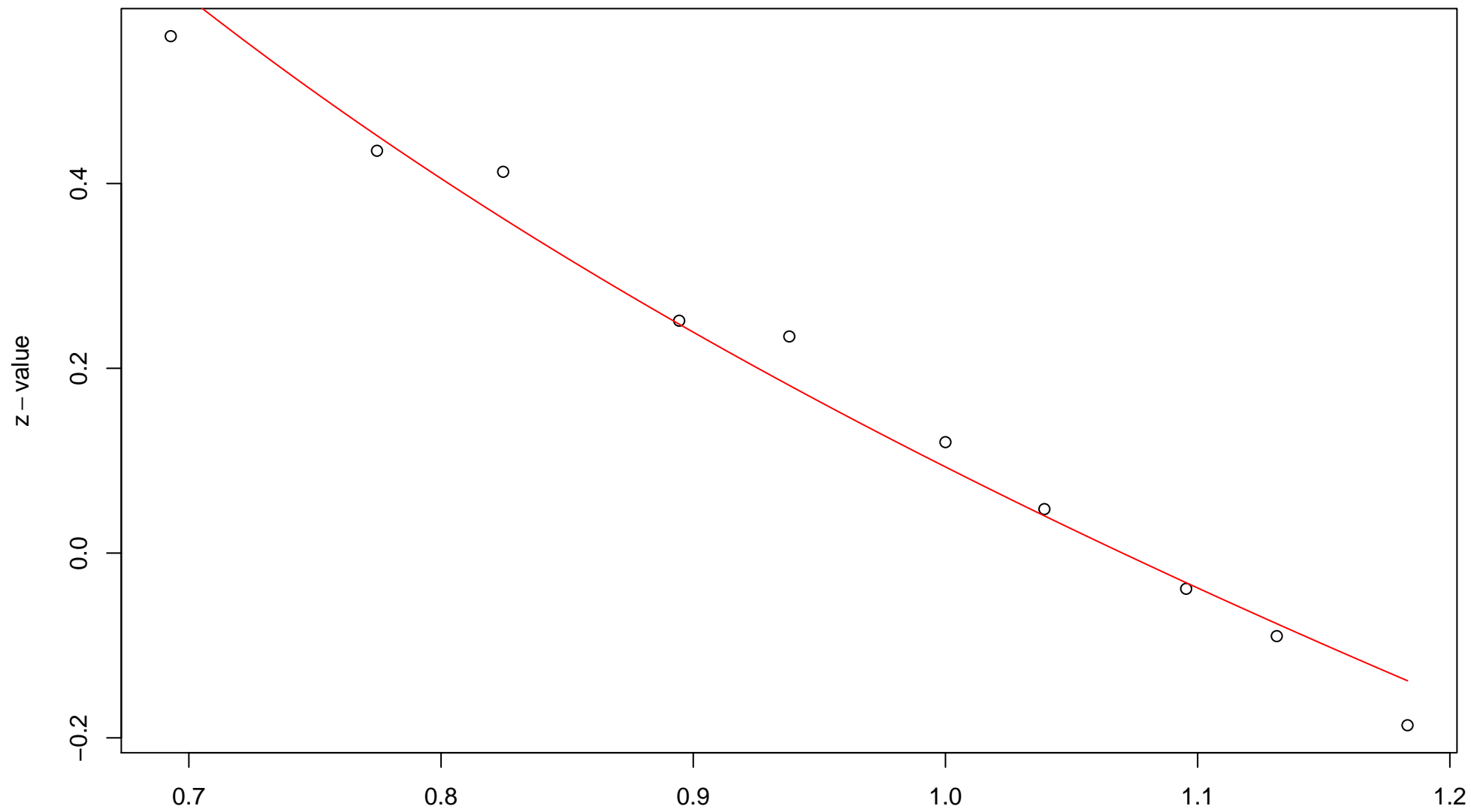


$\sqrt{r}$   
AU = 1 , BP = 0.04 ,  $v = -0.5$  ,  $c = 2.24$  , pchi = 0.01

# 197th edge

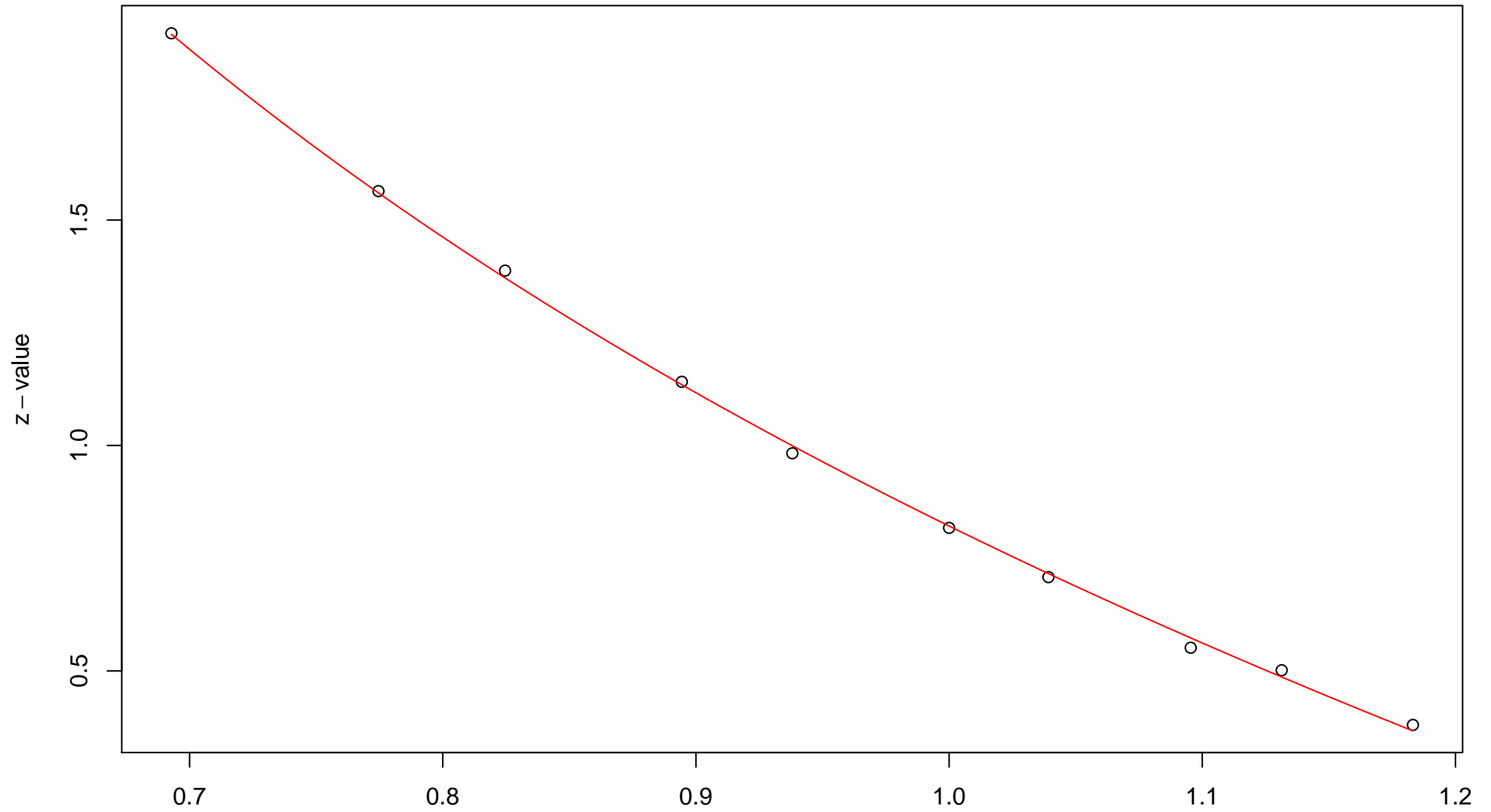


# 198th edge



$\sqrt{r}$   
AU = 0.92 , BP = 0.46 ,  $v = -0.64$  ,  $c = 0.74$  ,  $pchi = 0$

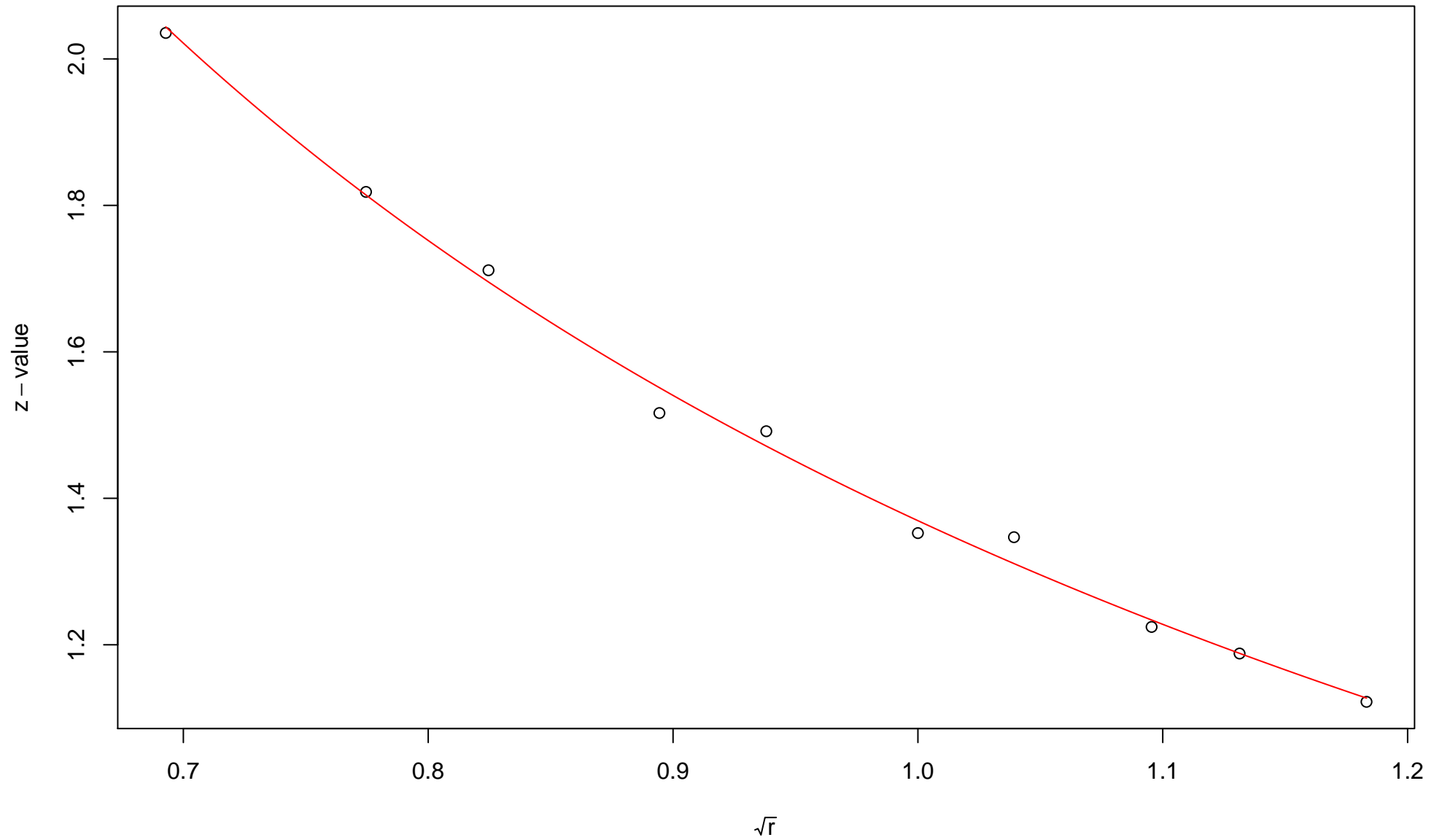
# 199th edge



$\sqrt{r}$   
AU = 1 , BP = 0.21 ,  $v = -0.97$  , c = 1.79 , pchi = 0.46

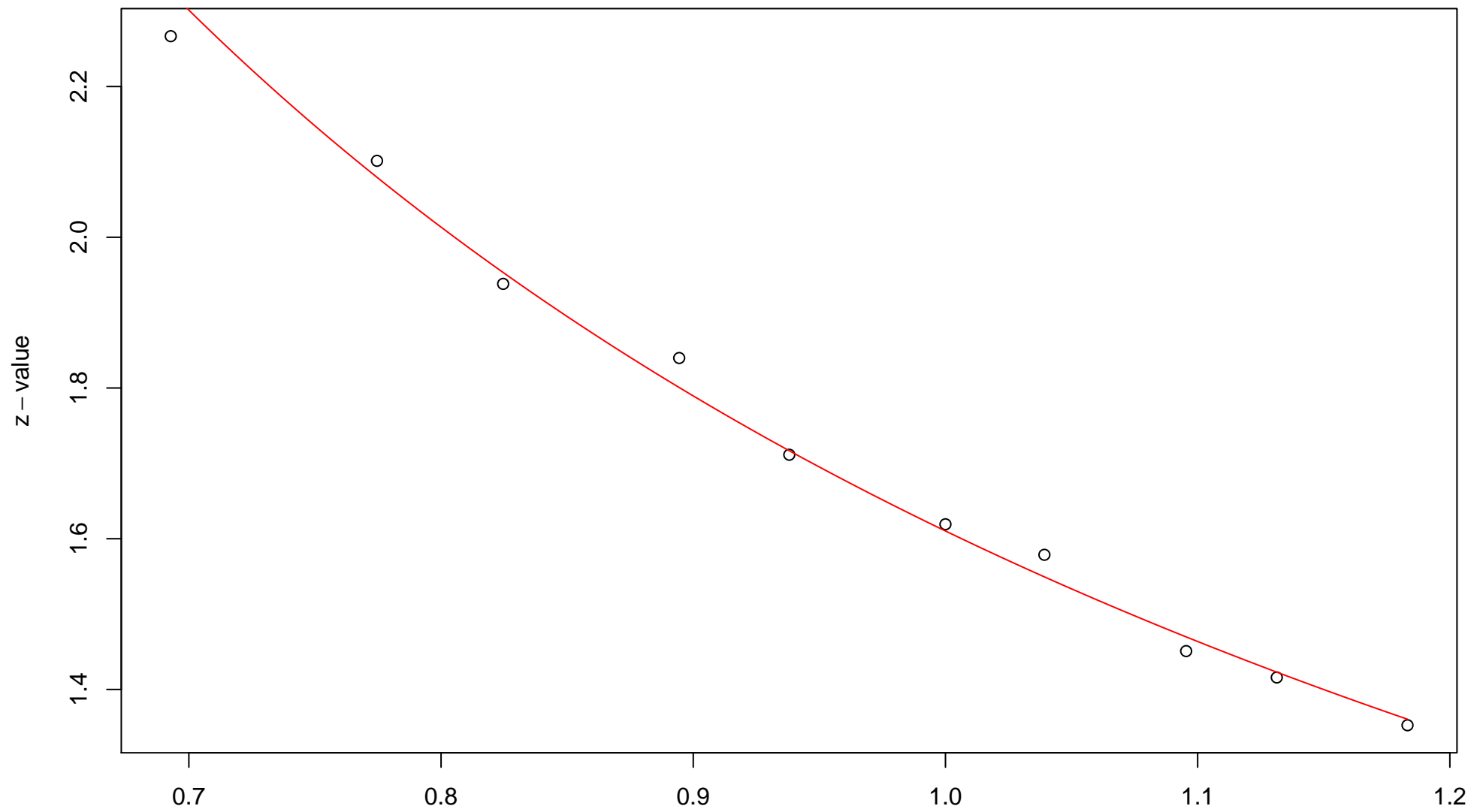


### 200th edge



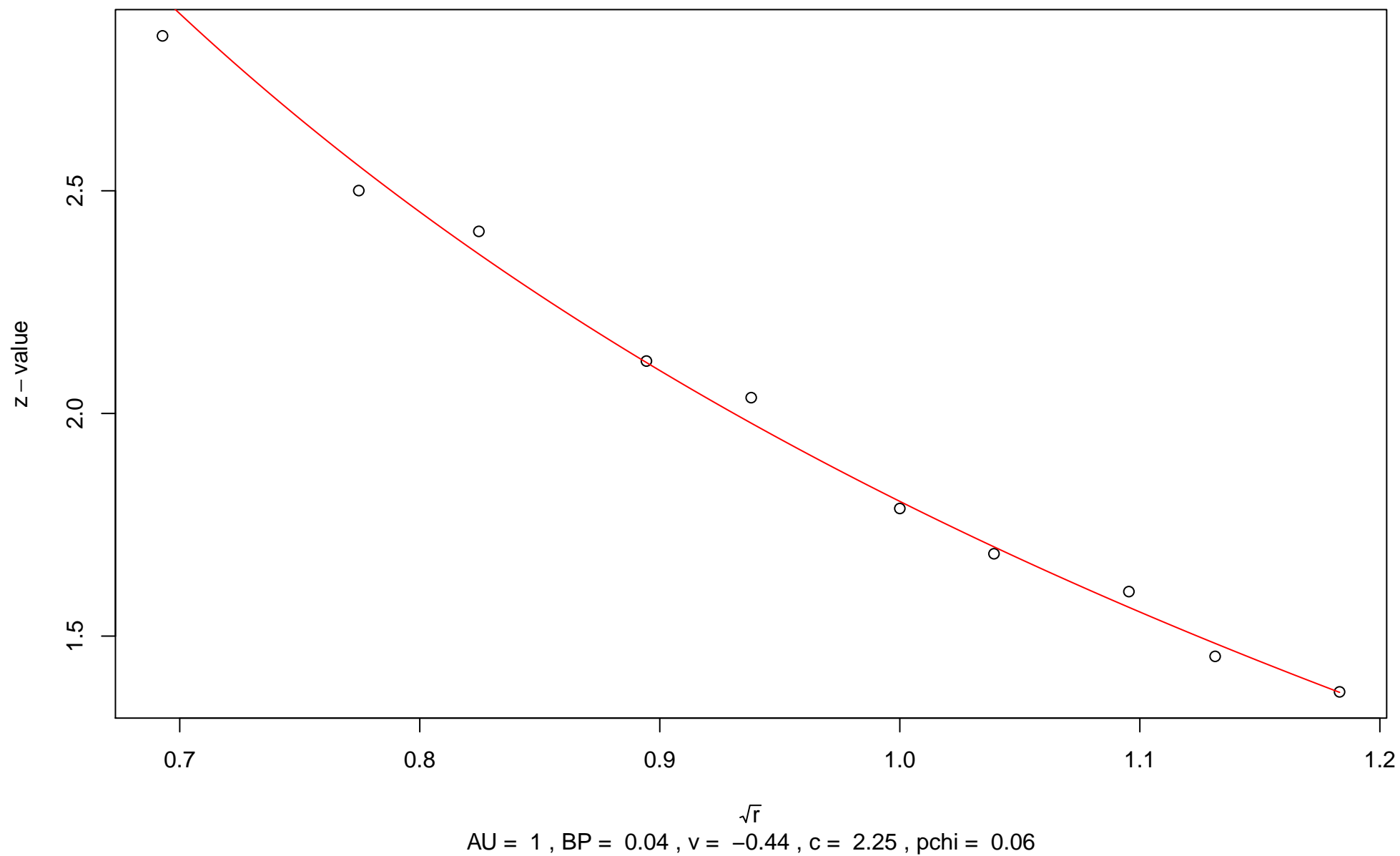
$\sqrt{r}$   
AU = 0.94 , BP = 0.09 ,  $v = -0.09$  ,  $c = 1.46$  ,  $pchi = 0.24$

## 201st edge

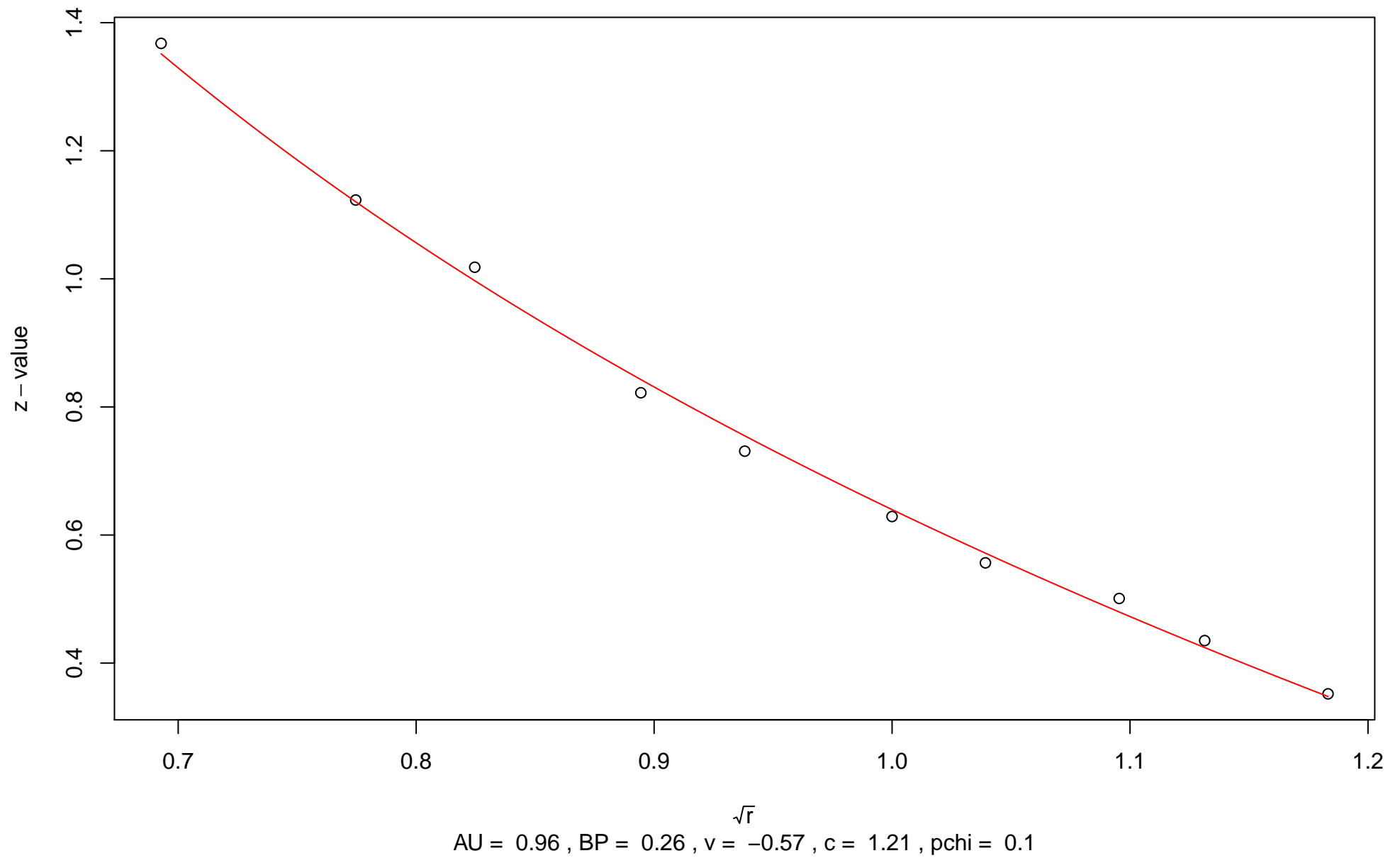


$\sqrt{r}$   
AU = 0.95 , BP = 0.05 ,  $v = 0$  ,  $c = 1.61$  , pchi = 0.27

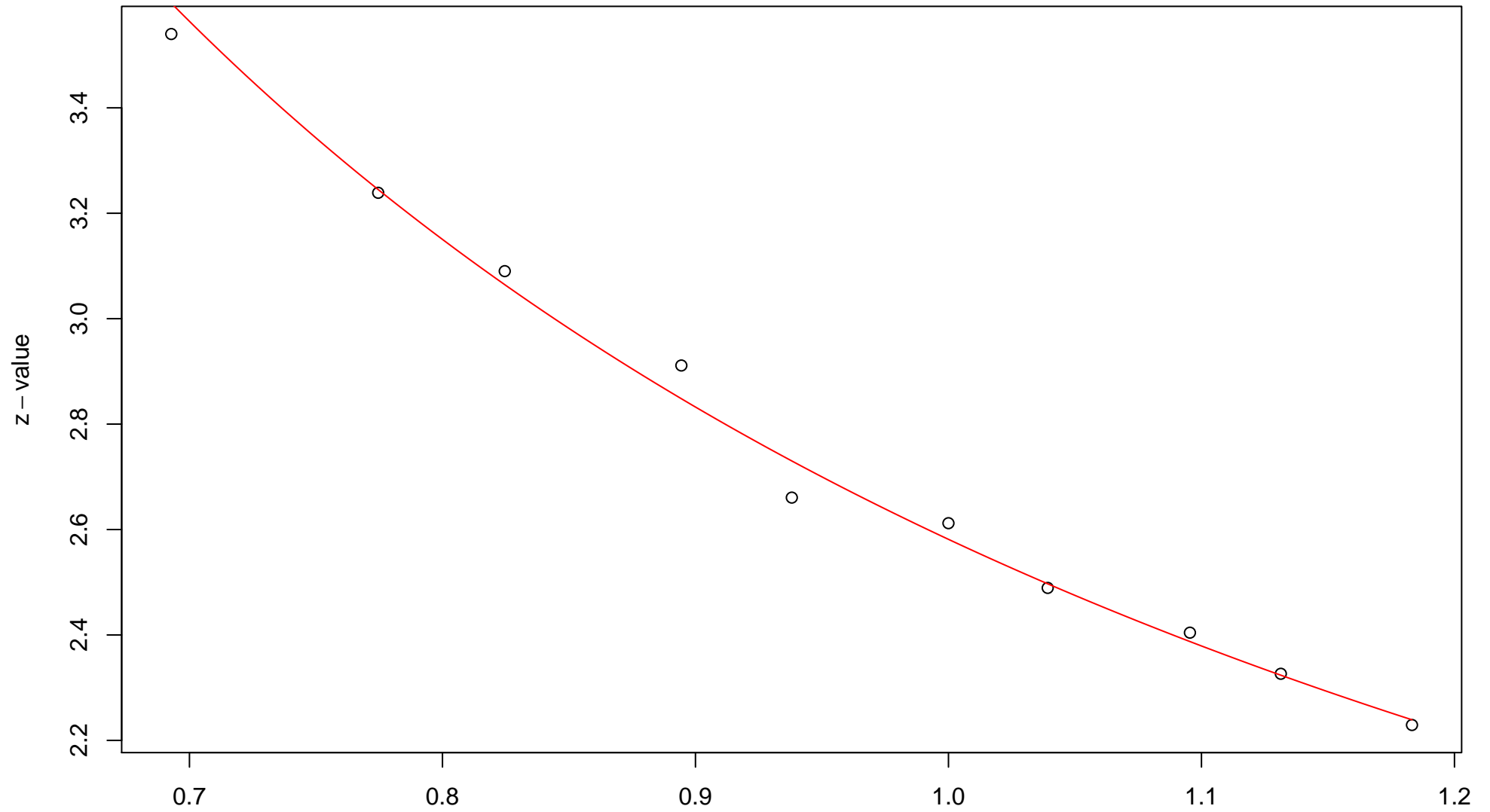
## 202nd edge



## 203rd edge

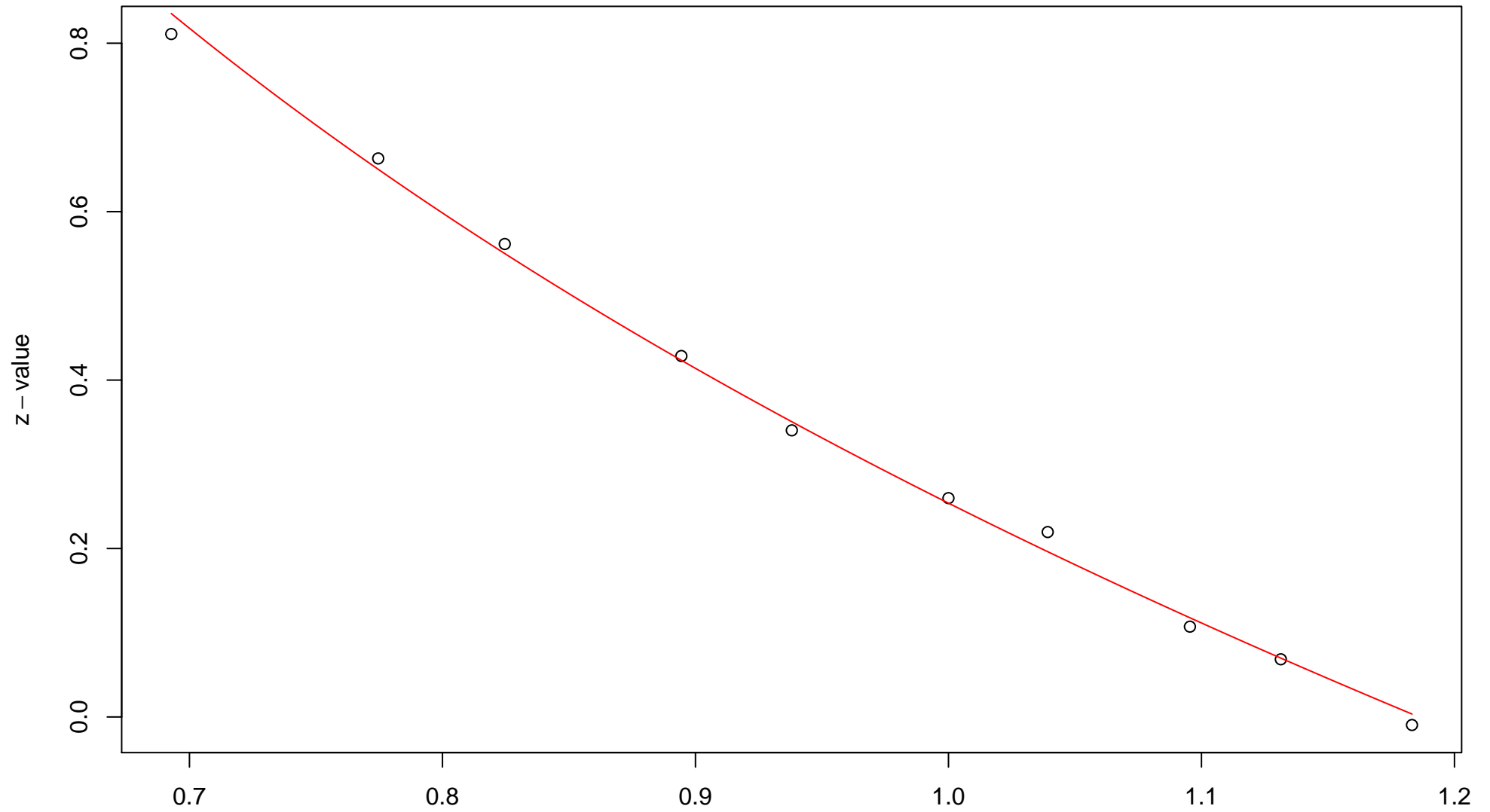


# 204th edge



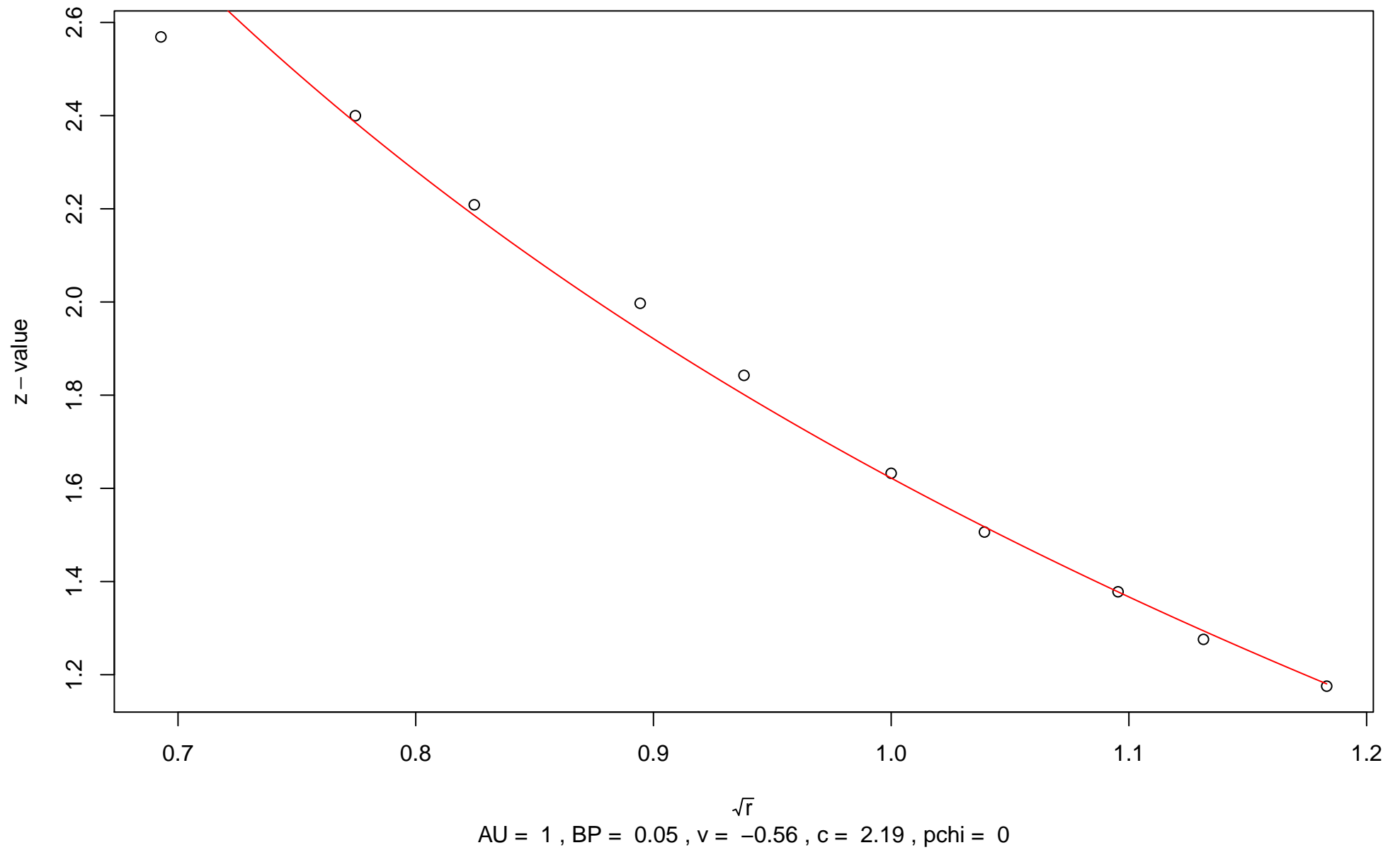
$\sqrt{r}$   
AU = 0.99 , BP = 0 ,  $v$  = 0.17 ,  $c$  = 2.41 , pchi = 0.92

# 205th edge

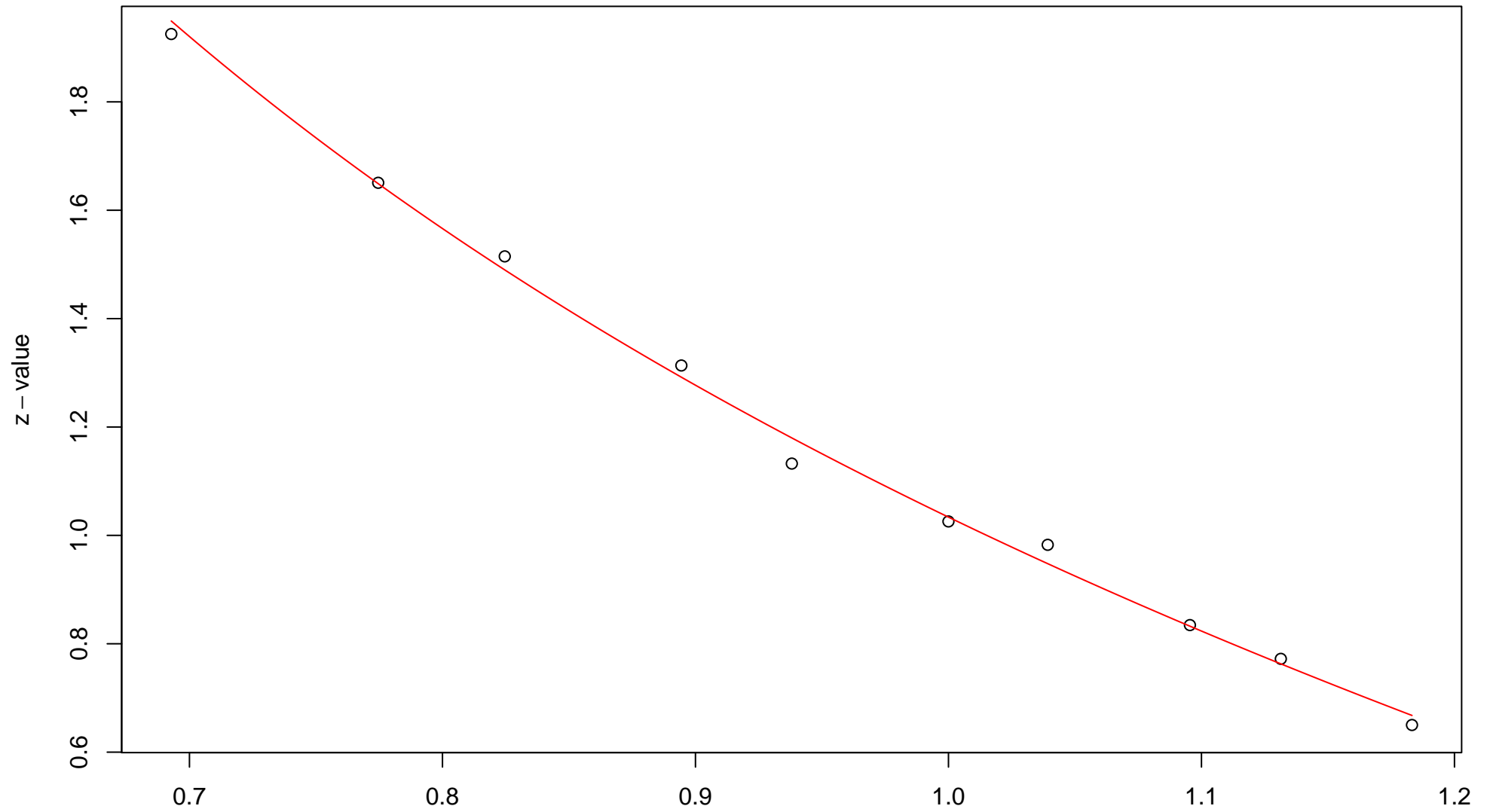


$\sqrt{r}$   
AU = 0.93 , BP = 0.4 ,  $v = -0.62$  ,  $c = 0.88$  ,  $pchi = 0.21$

# 206th edge



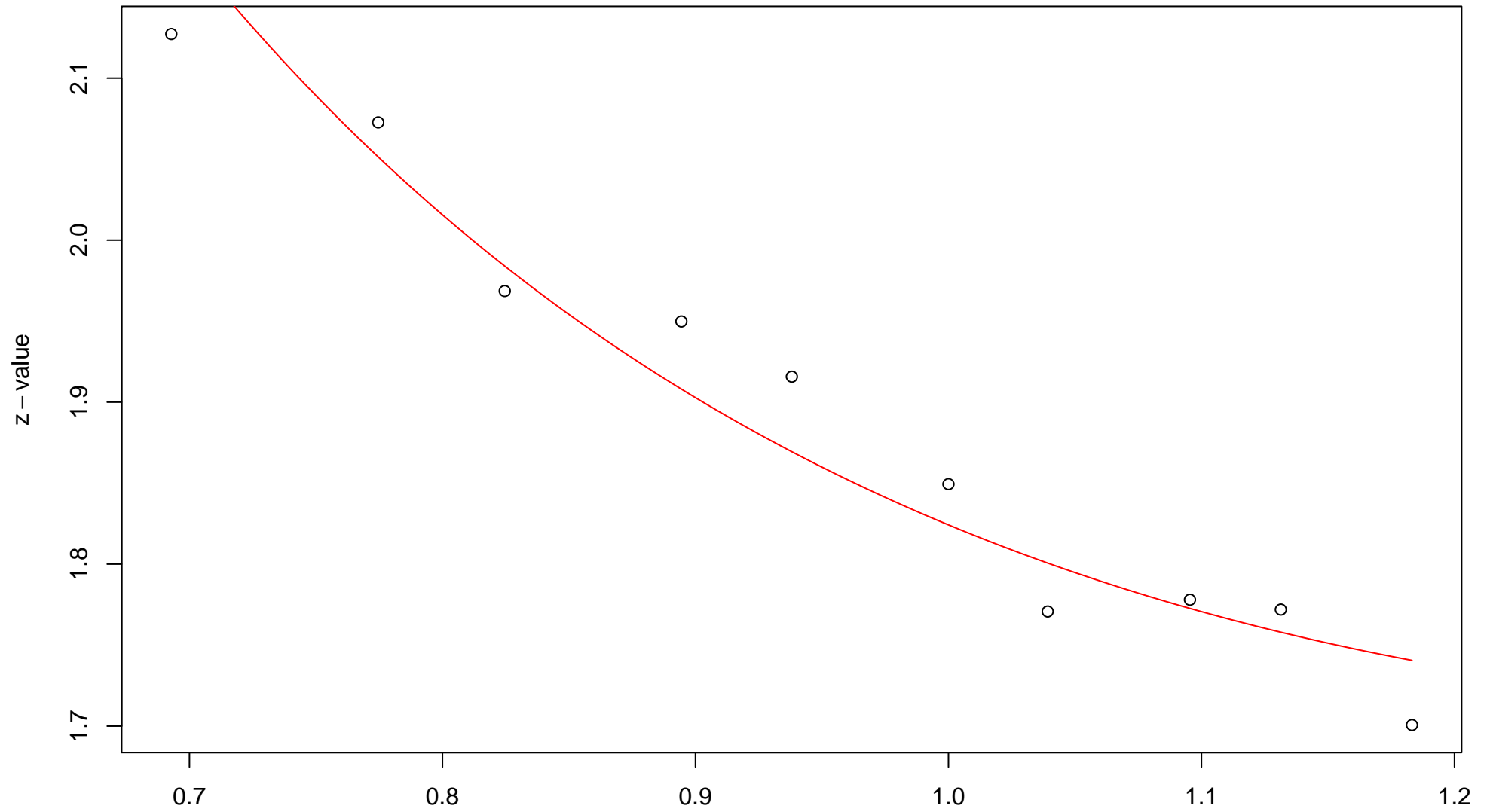
## 207th edge



$\sqrt{r}$   
AU = 0.99 , BP = 0.15 ,  $v = -0.61$  ,  $c = 1.64$  , pchi = 0.01

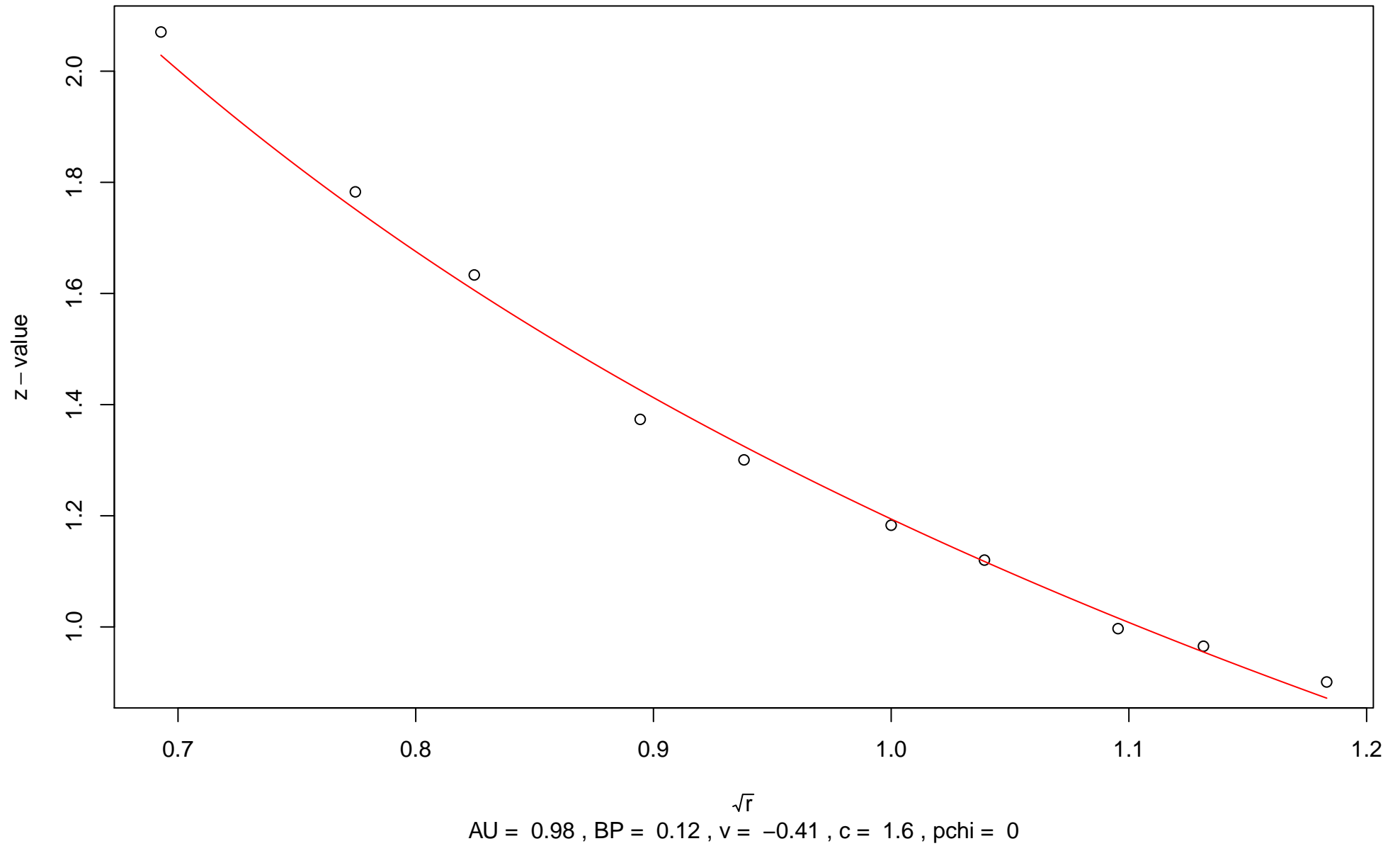


# 208th edge

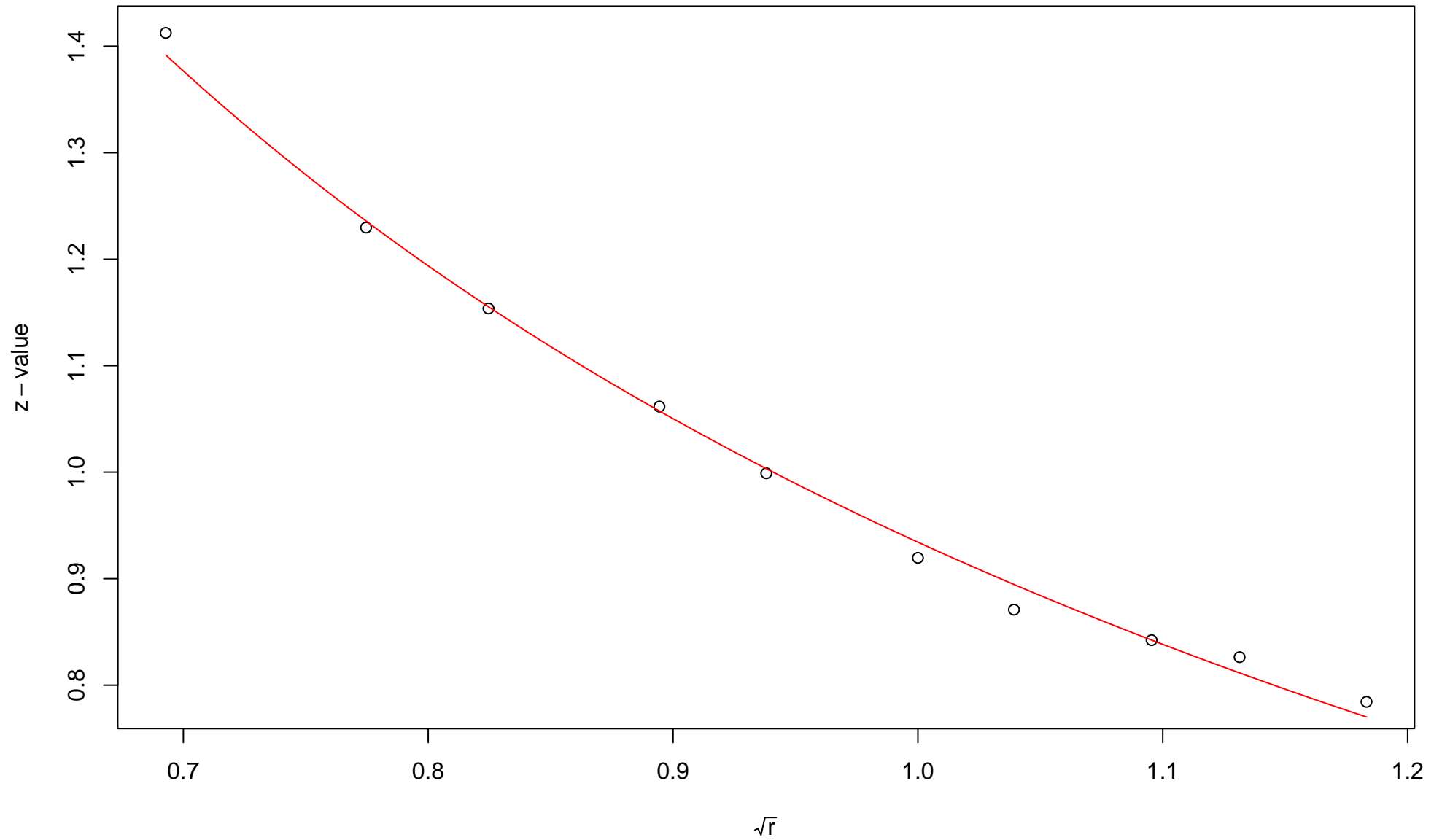


$\sqrt{r}$   
AU = 0.74 , BP = 0.03 ,  $v = 0.59$  , c = 1.24 , pchi = 0.03

### 209th edge

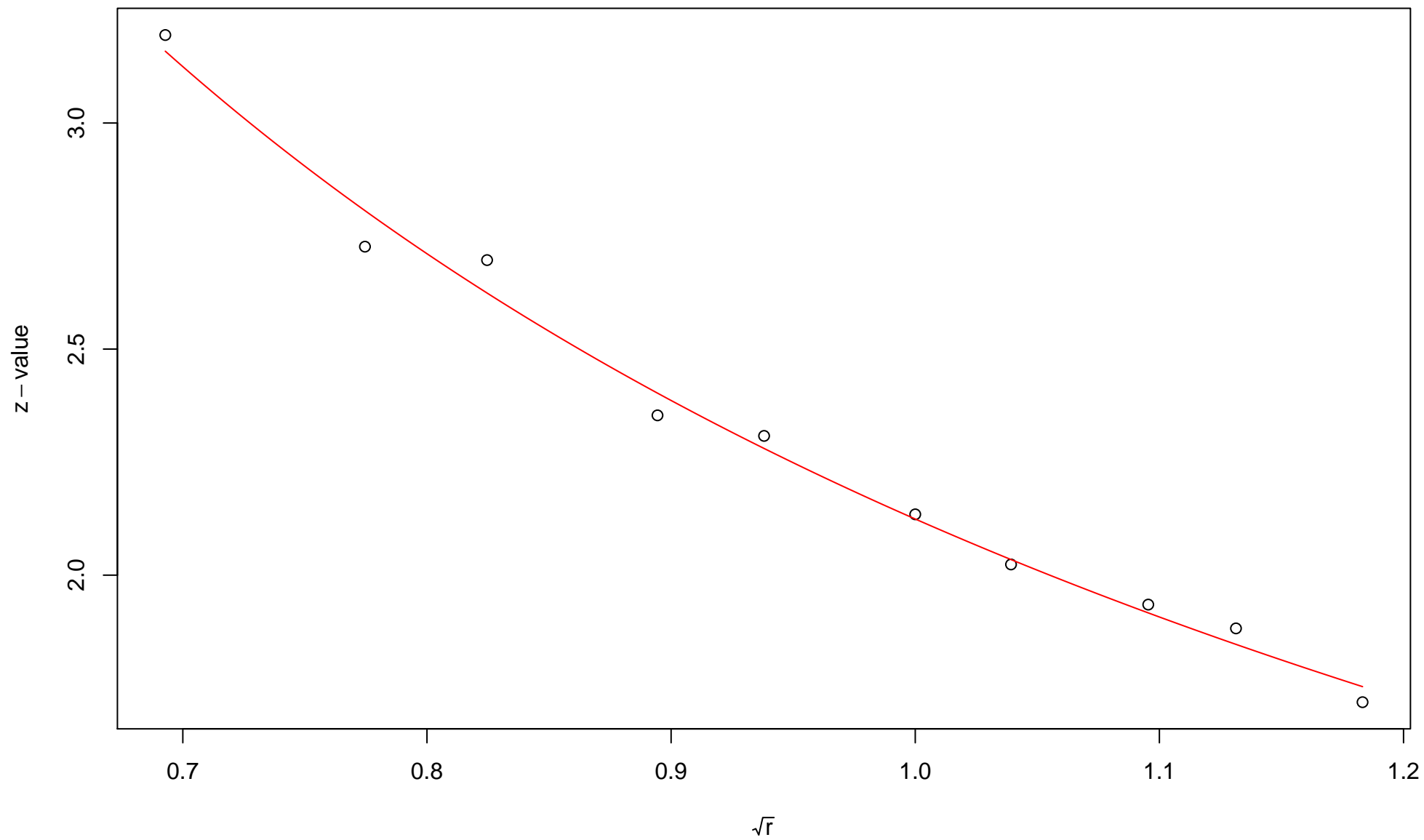


## 210th edge



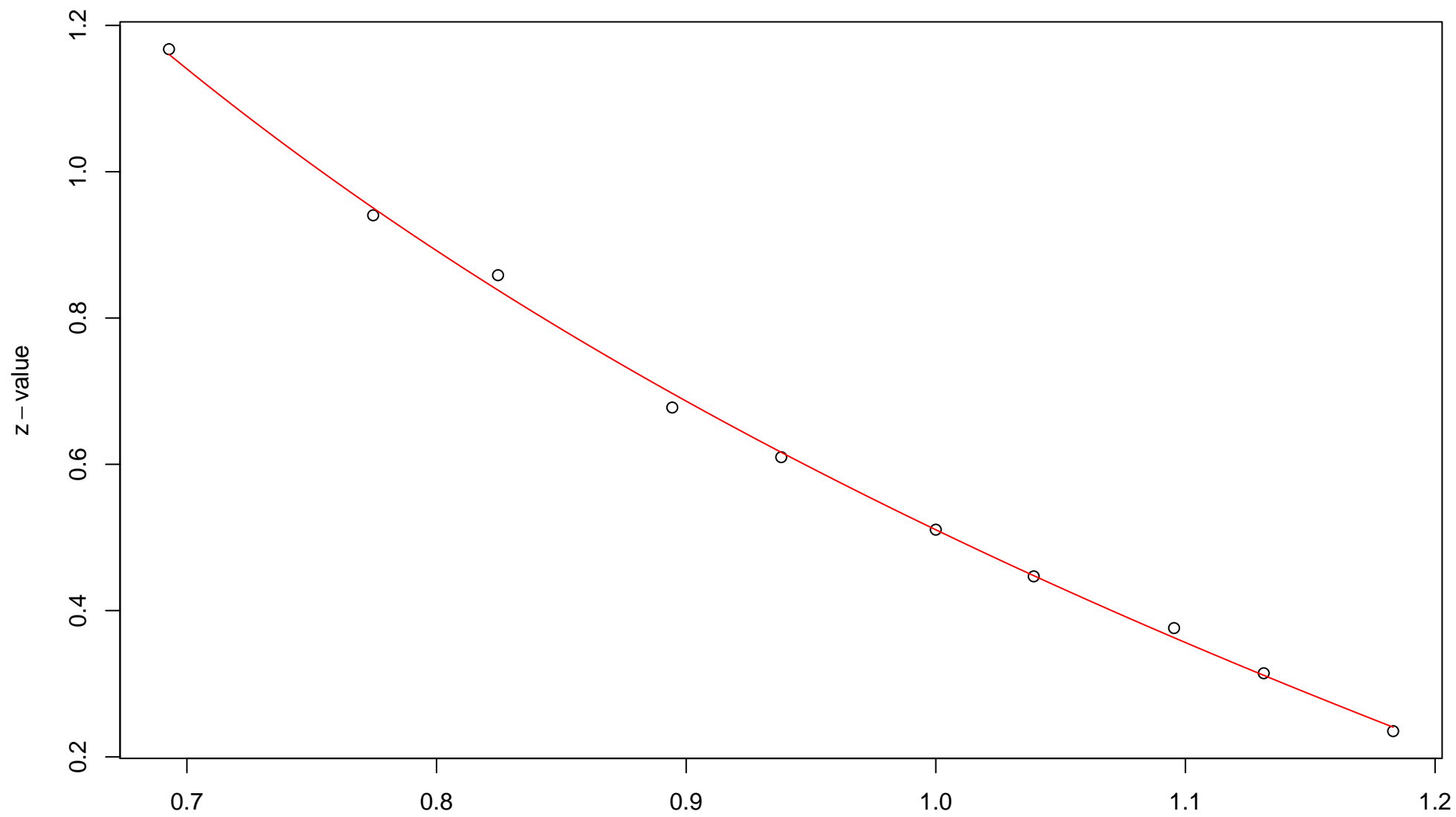
$\sqrt{r}$   
AU = 0.85 , BP = 0.18 ,  $v = -0.06$  ,  $c = 0.99$  , pchi = 0.49

## 211st edge



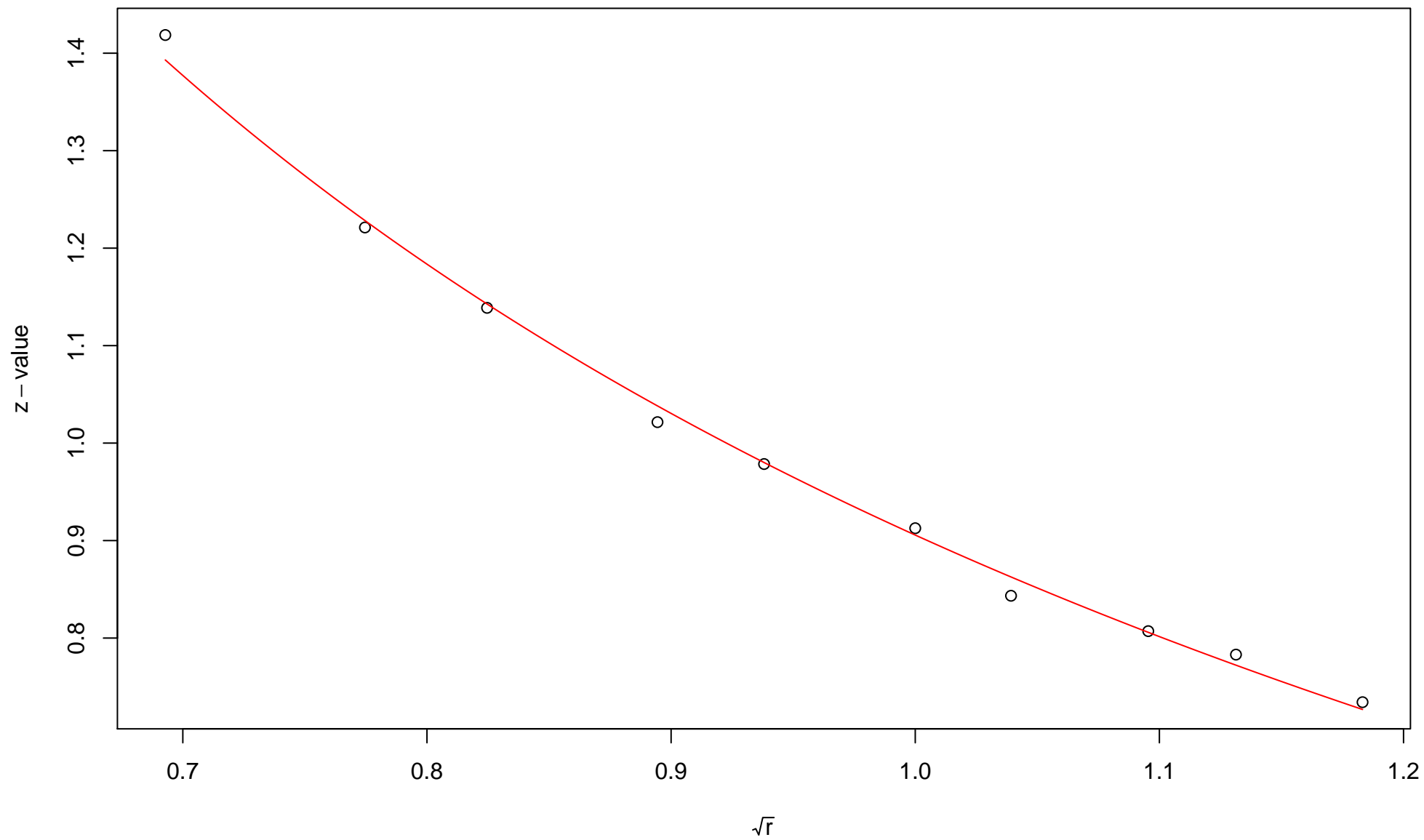
$\sqrt{r}$   
AU = 0.99 , BP = 0.02 ,  $v = -0.12$  ,  $c = 2.25$  ,  $pchi = 0.2$

## 212nd edge



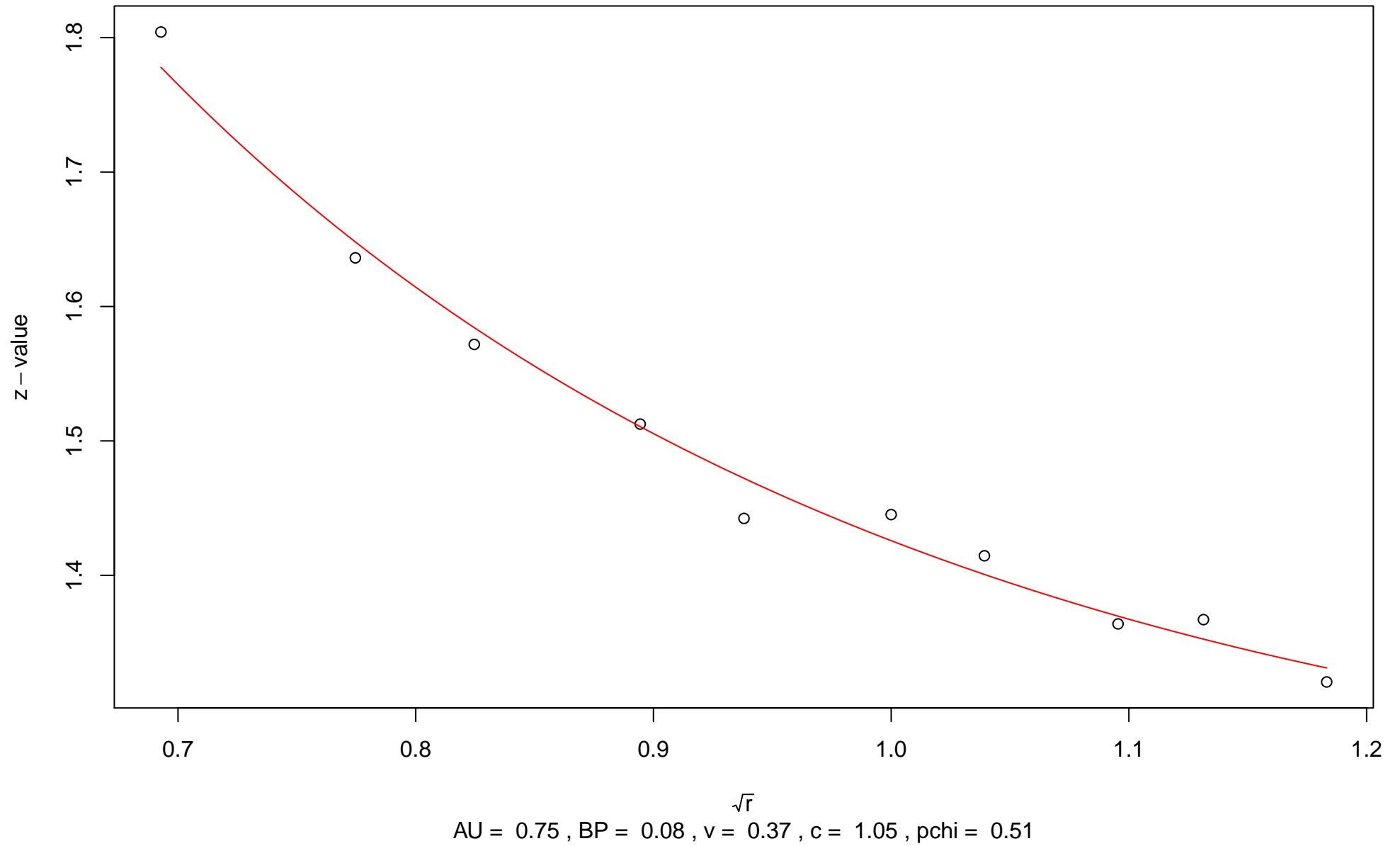
$\sqrt{r}$   
AU = 0.95 , BP = 0.3 , v = -0.56 , c = 1.07 , pchi = 0.62

## 213rd edge

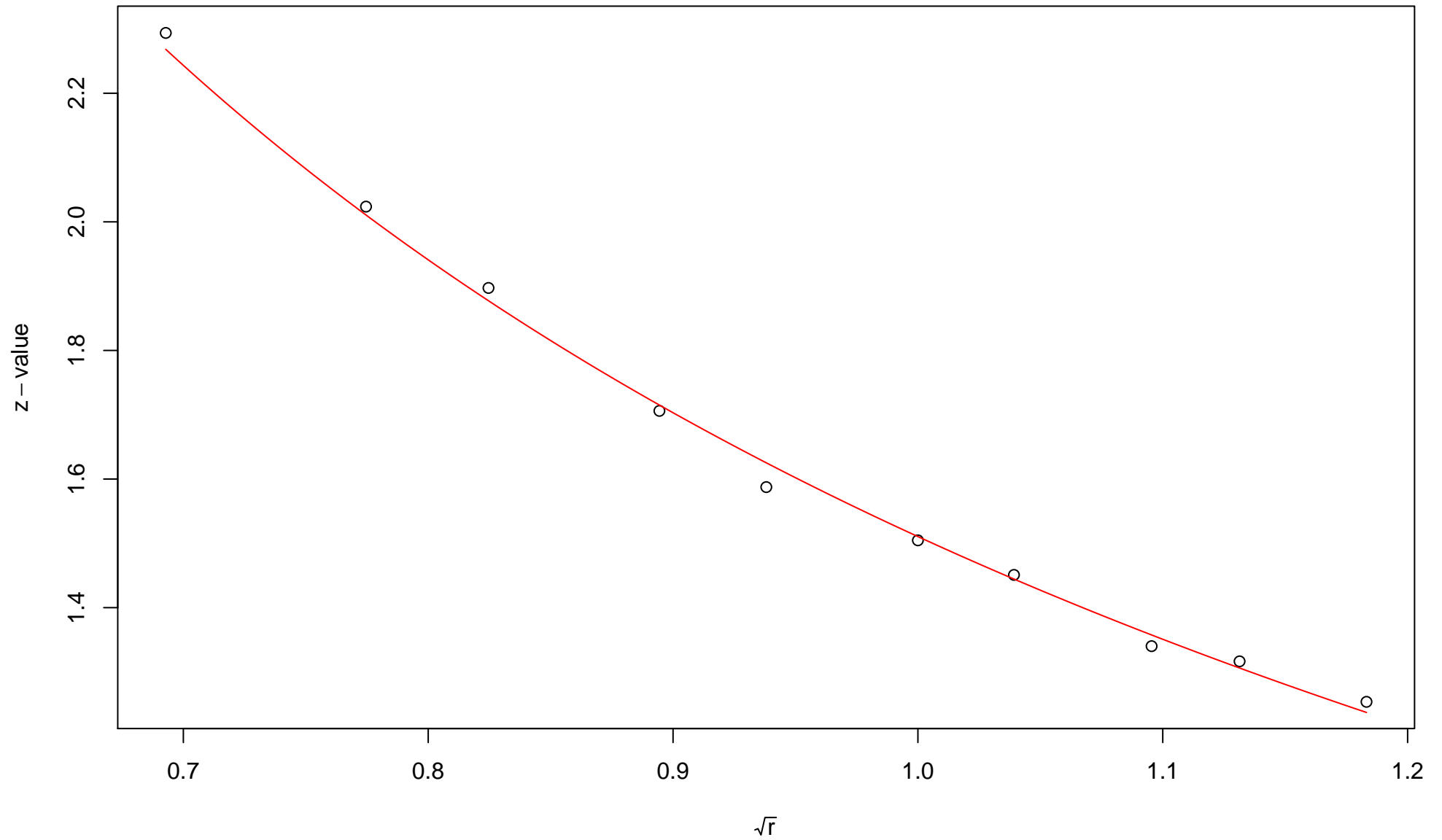


$\sqrt{r}$   
AU = 0.87 , BP = 0.18 ,  $v = -0.11$  ,  $c = 1.02$  ,  $pchi = 0.61$

## 214th edge



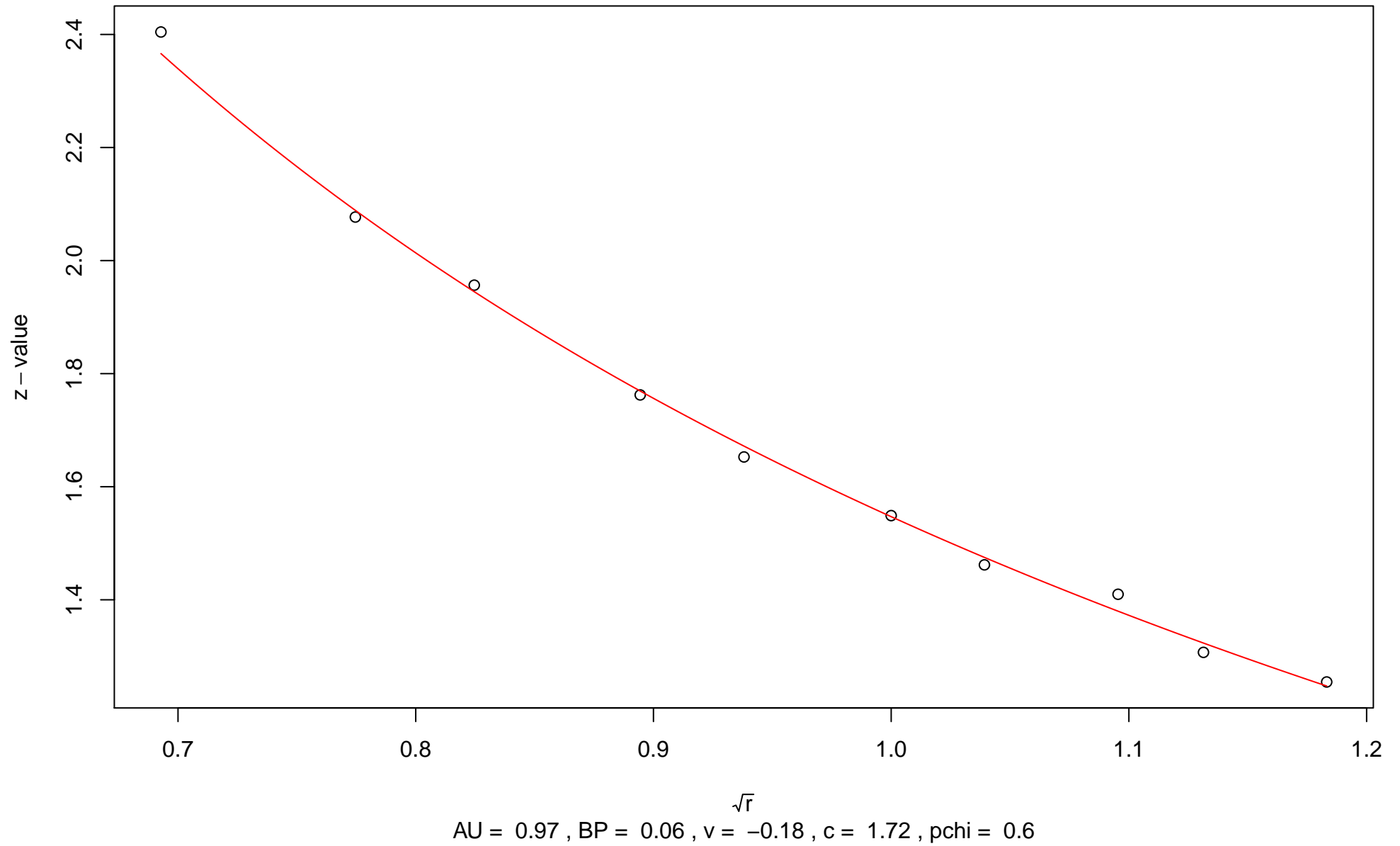
## 215th edge



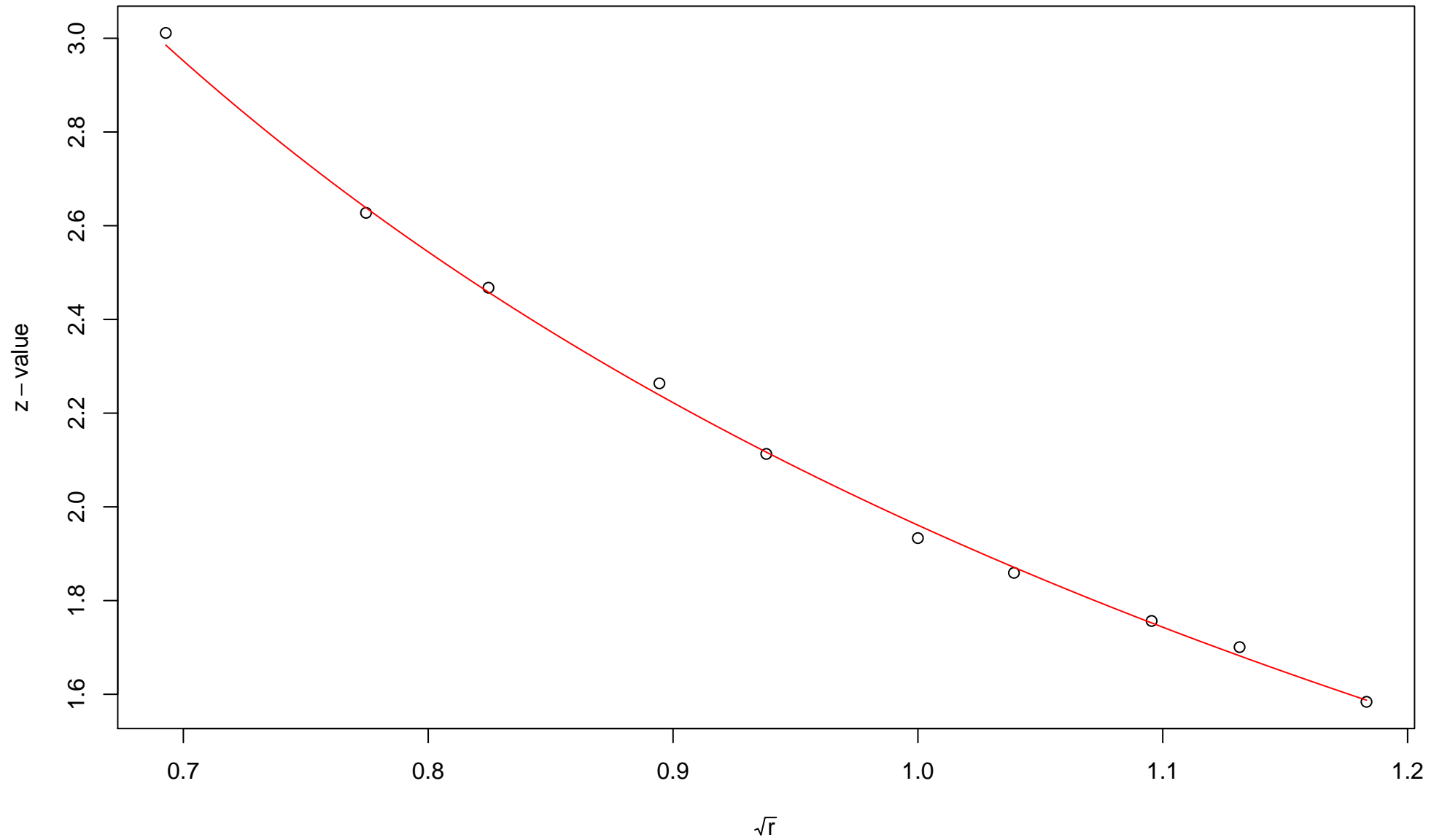
$\sqrt{r}$   
AU = 0.96 , BP = 0.07 ,  $v = -0.12$  , c = 1.63 , pchi = 0.49



### 216th edge

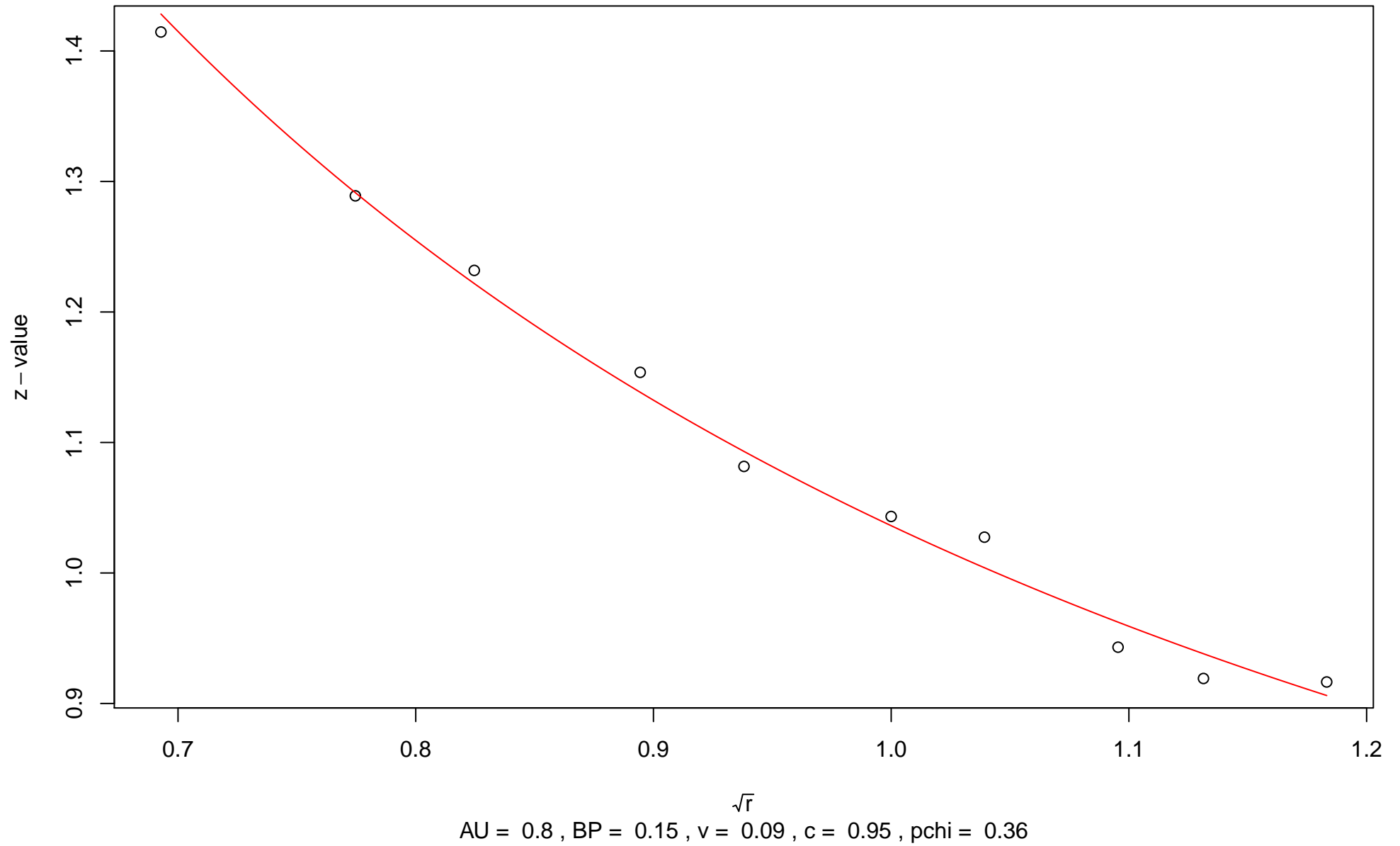


## 217th edge

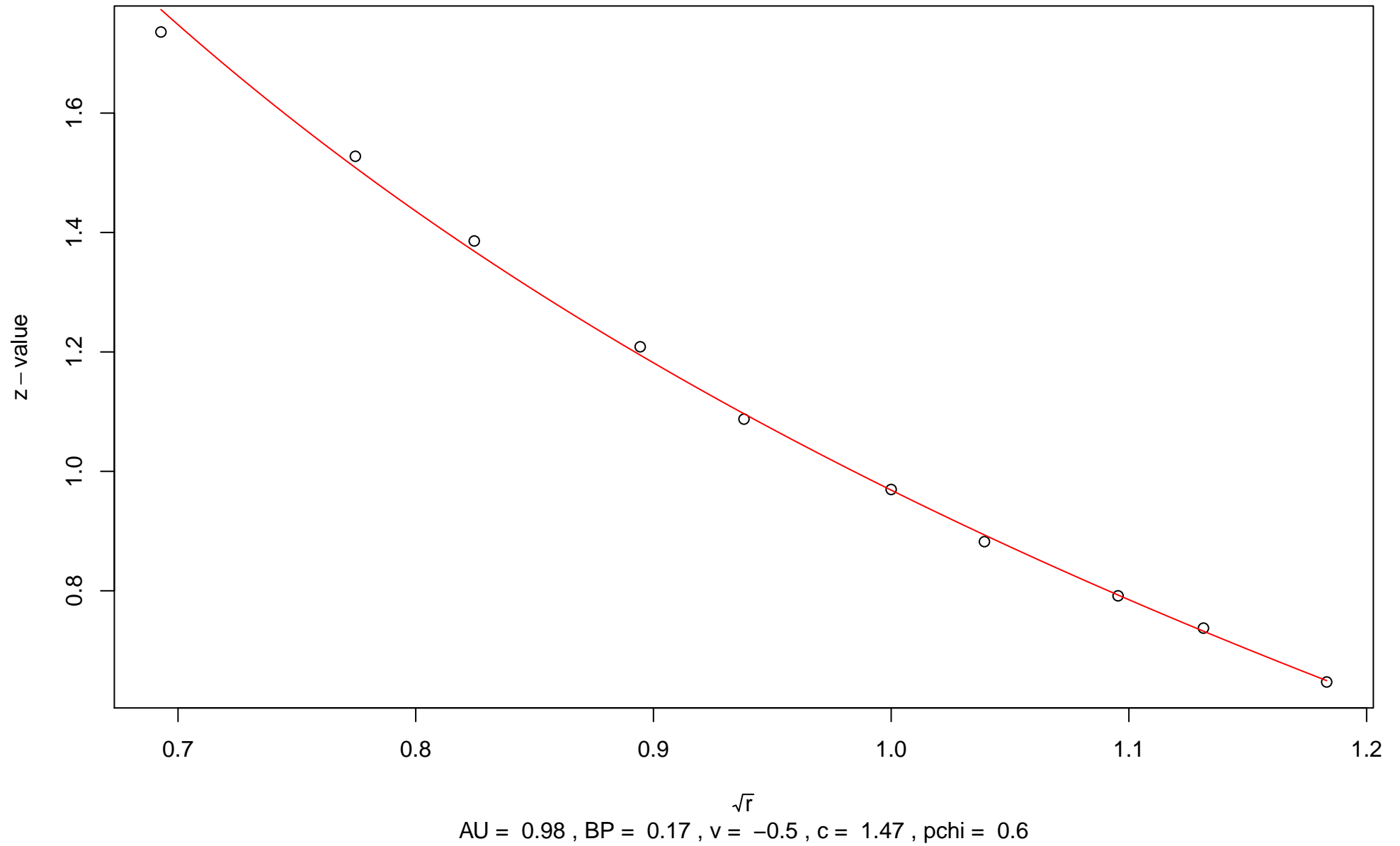


$\sqrt{r}$   
AU = 0.99 , BP = 0.02 ,  $v = -0.21$  , c = 2.17 , pchi = 0.94

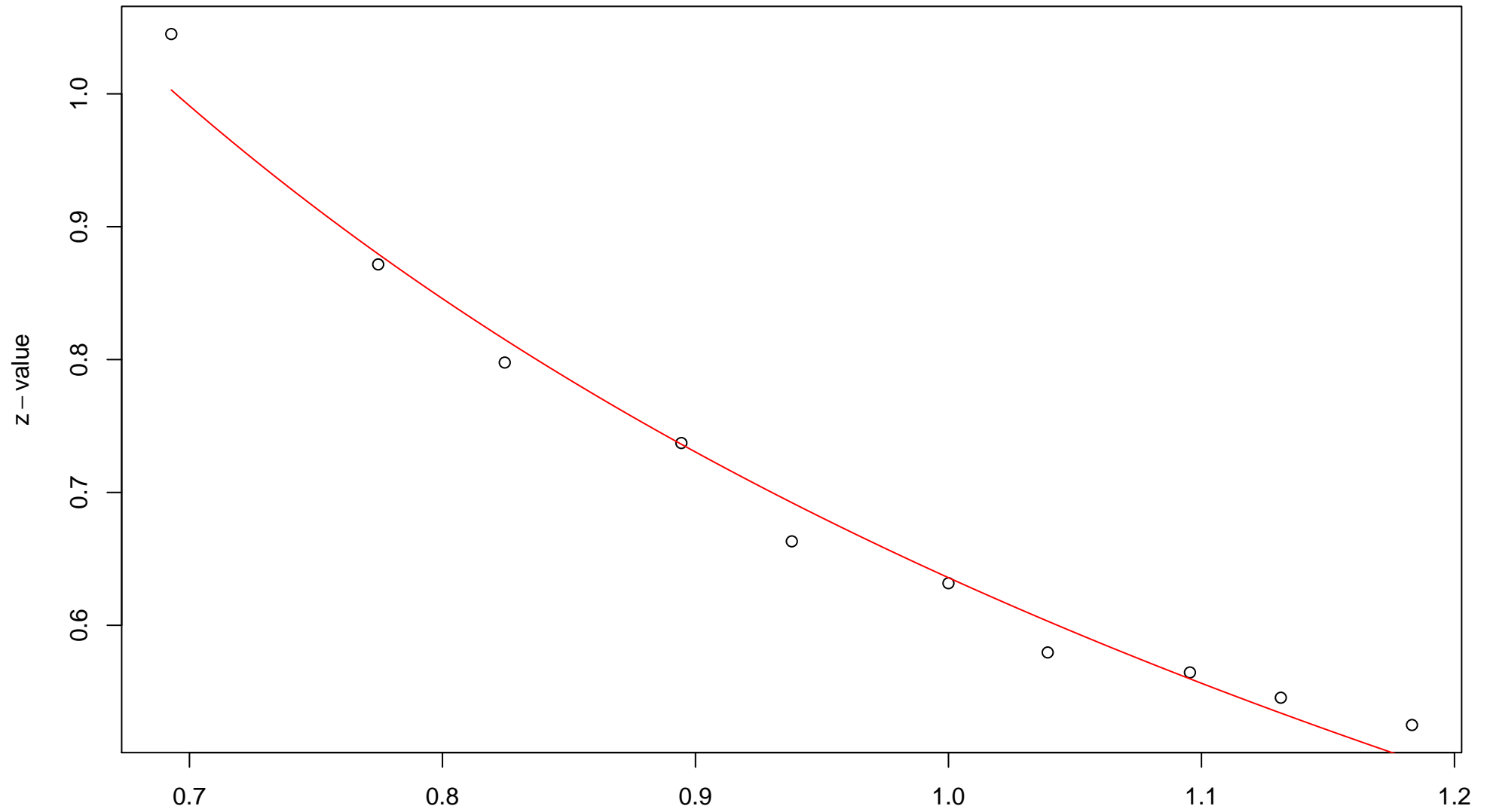
## 218th edge



## 219th edge

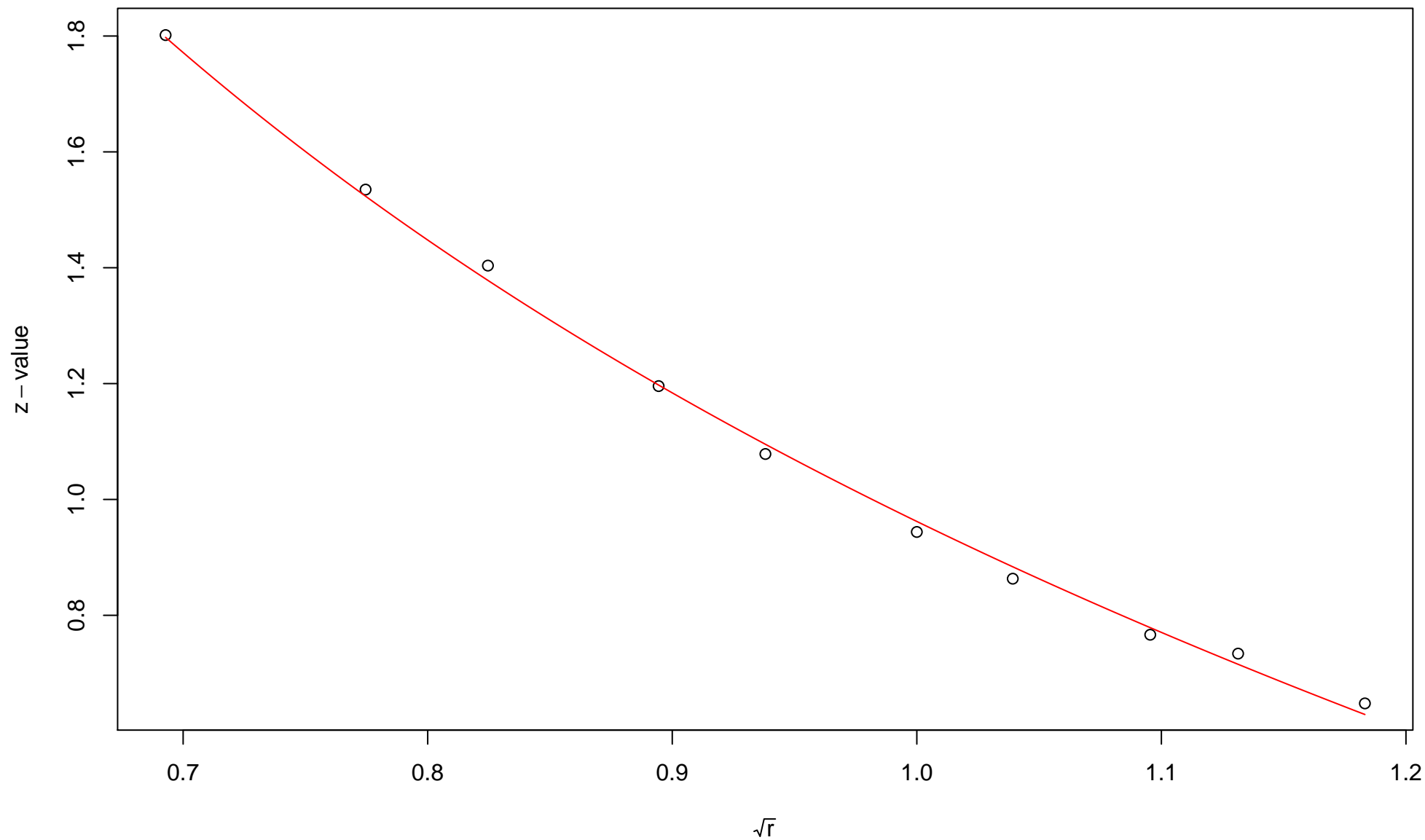


## 220th edge



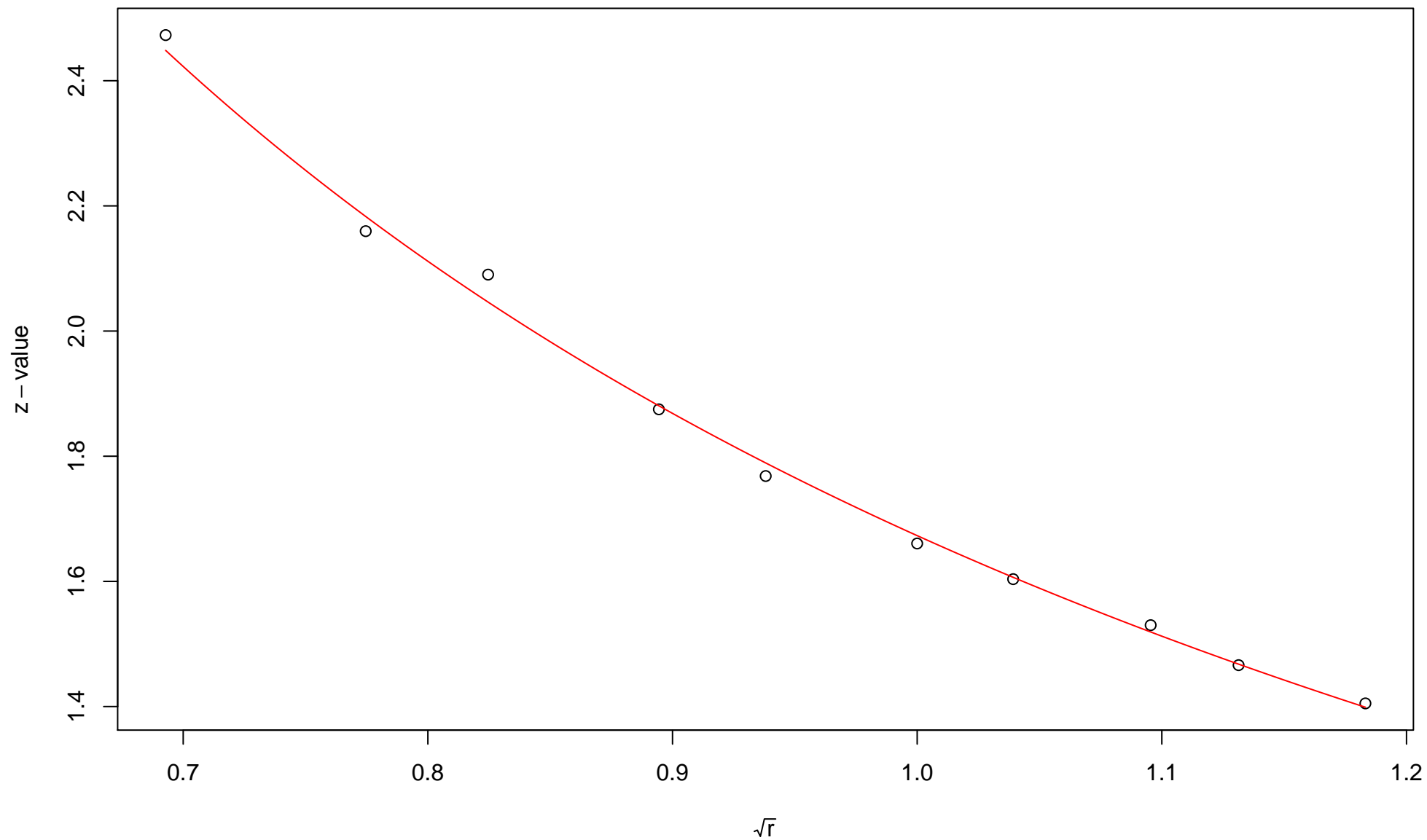
$\sqrt{r}$   
AU = 0.81 , BP = 0.26 ,  $v = -0.11$  , c = 0.75 , pchi = 0.01

## 221st edge



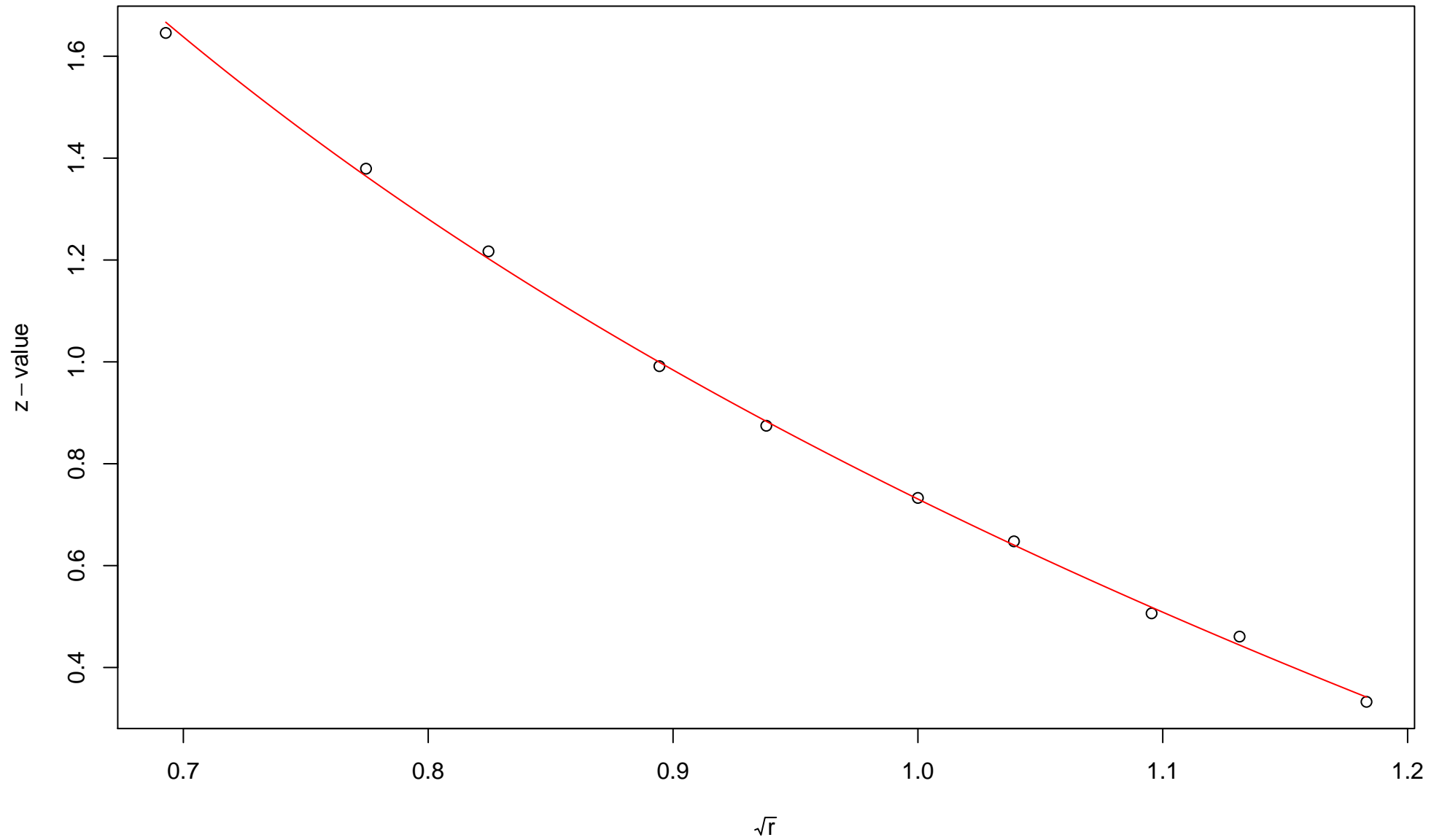
$\sqrt{r}$   
AU = 0.98 , BP = 0.17 ,  $v = -0.55$  ,  $c = 1.51$  , pchi = 0.17

## 222nd edge



$\sqrt{r}$   
AU = 0.96 , BP = 0.05 ,  $v = -0.04$  , c = 1.72 , pchi = 0.79

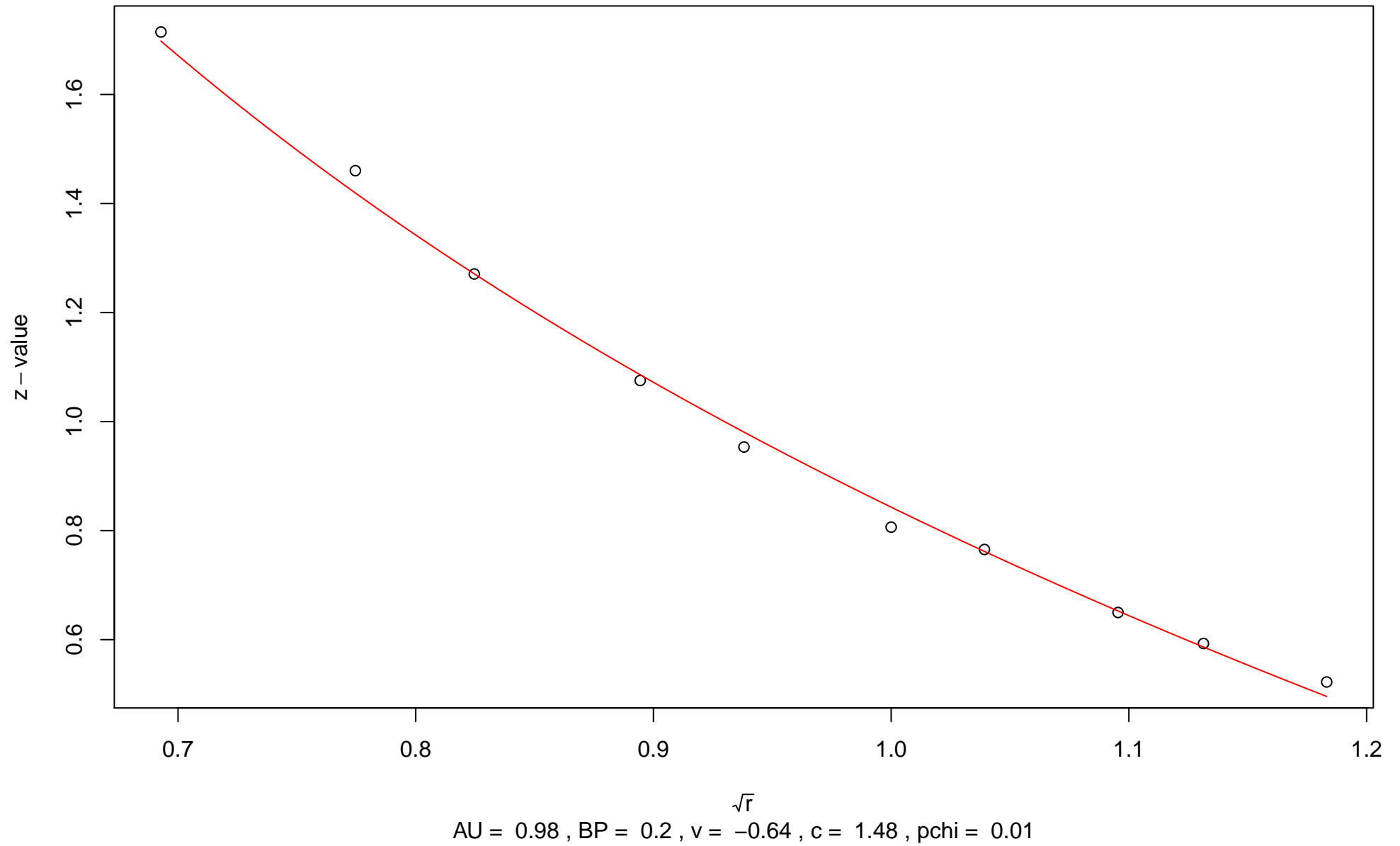
## 223rd edge



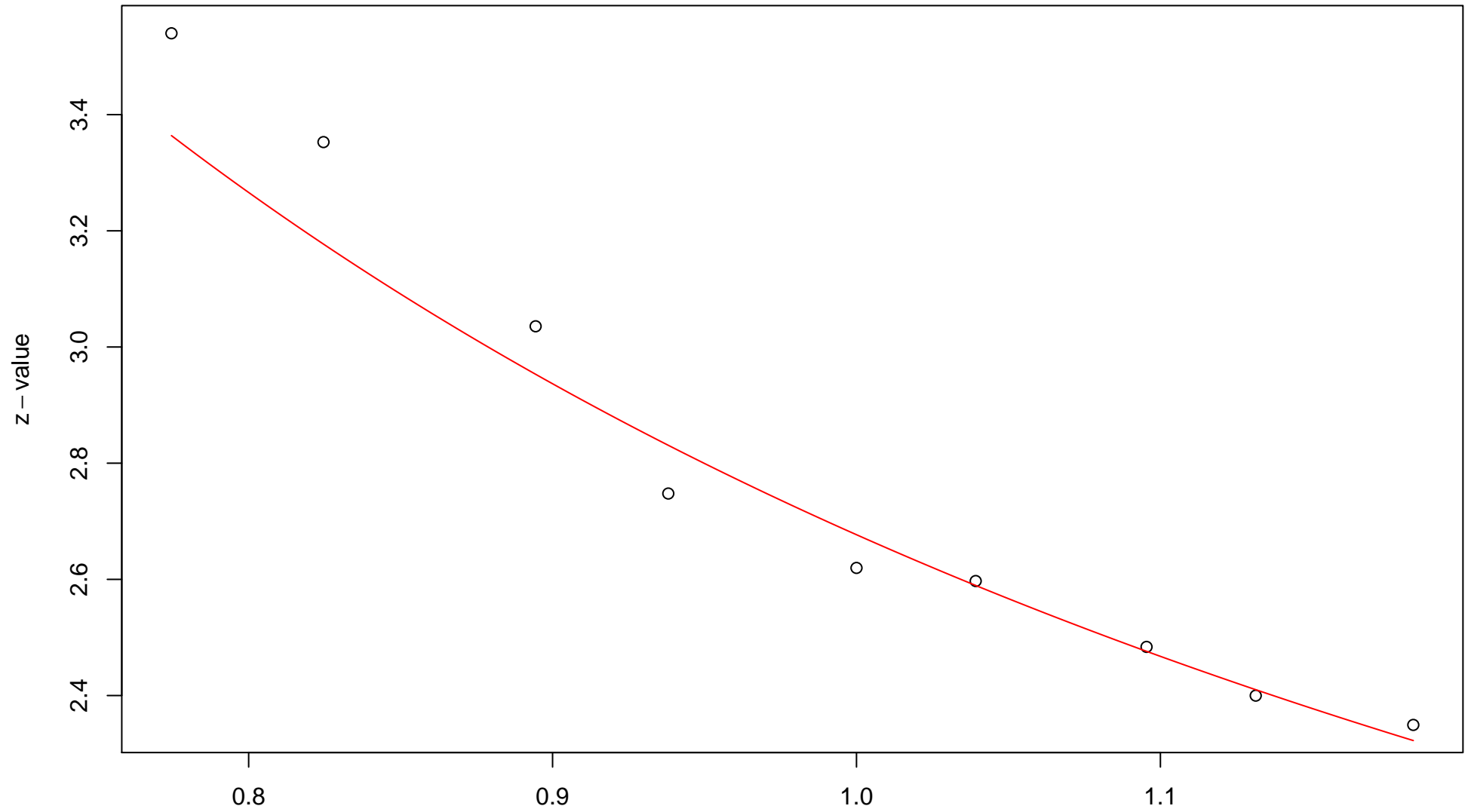
$\sqrt{r}$   
AU = 0.99 , BP = 0.23 ,  $v = -0.82$  ,  $c = 1.55$  , pchi = 0.61



## 224th edge

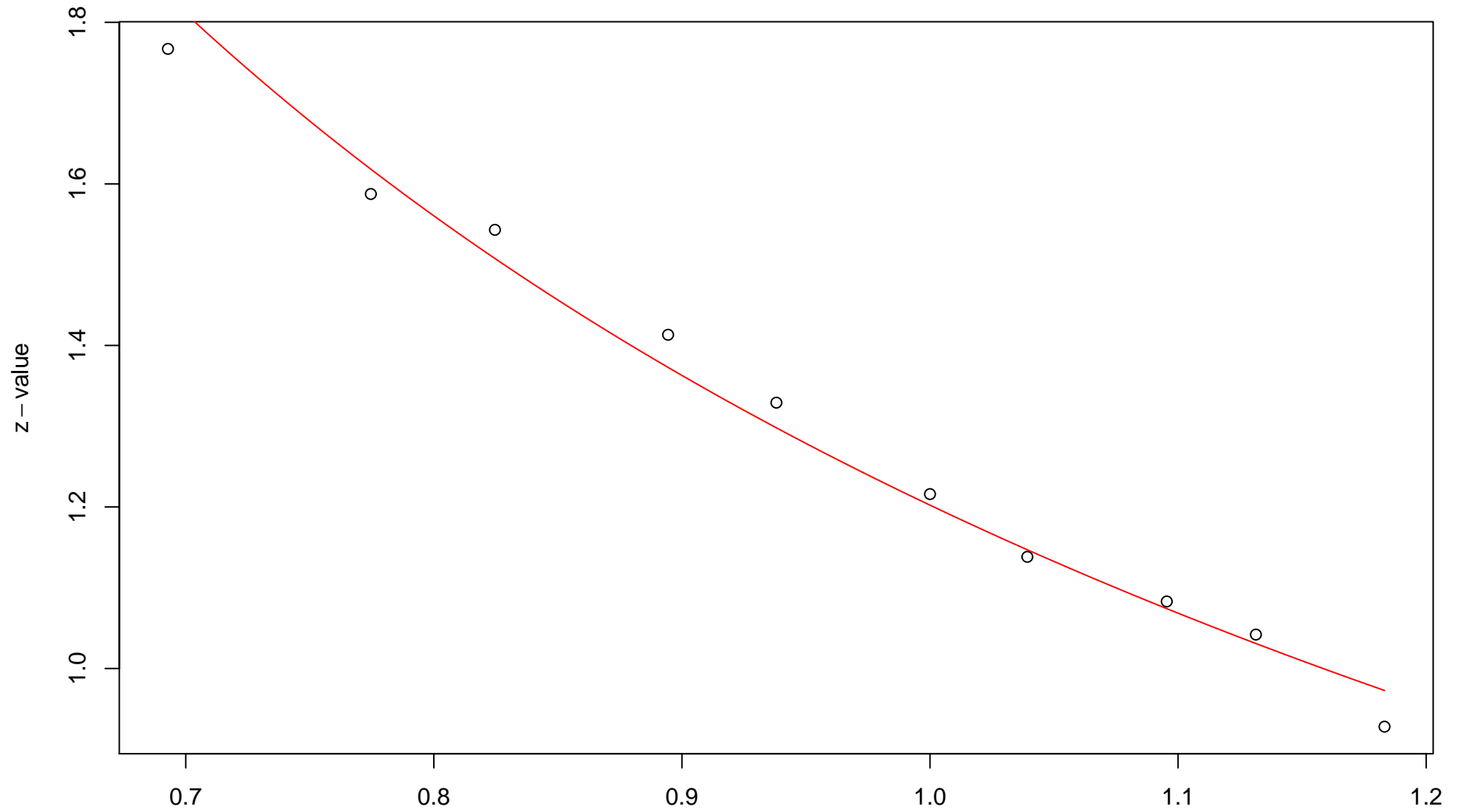


## 225th edge



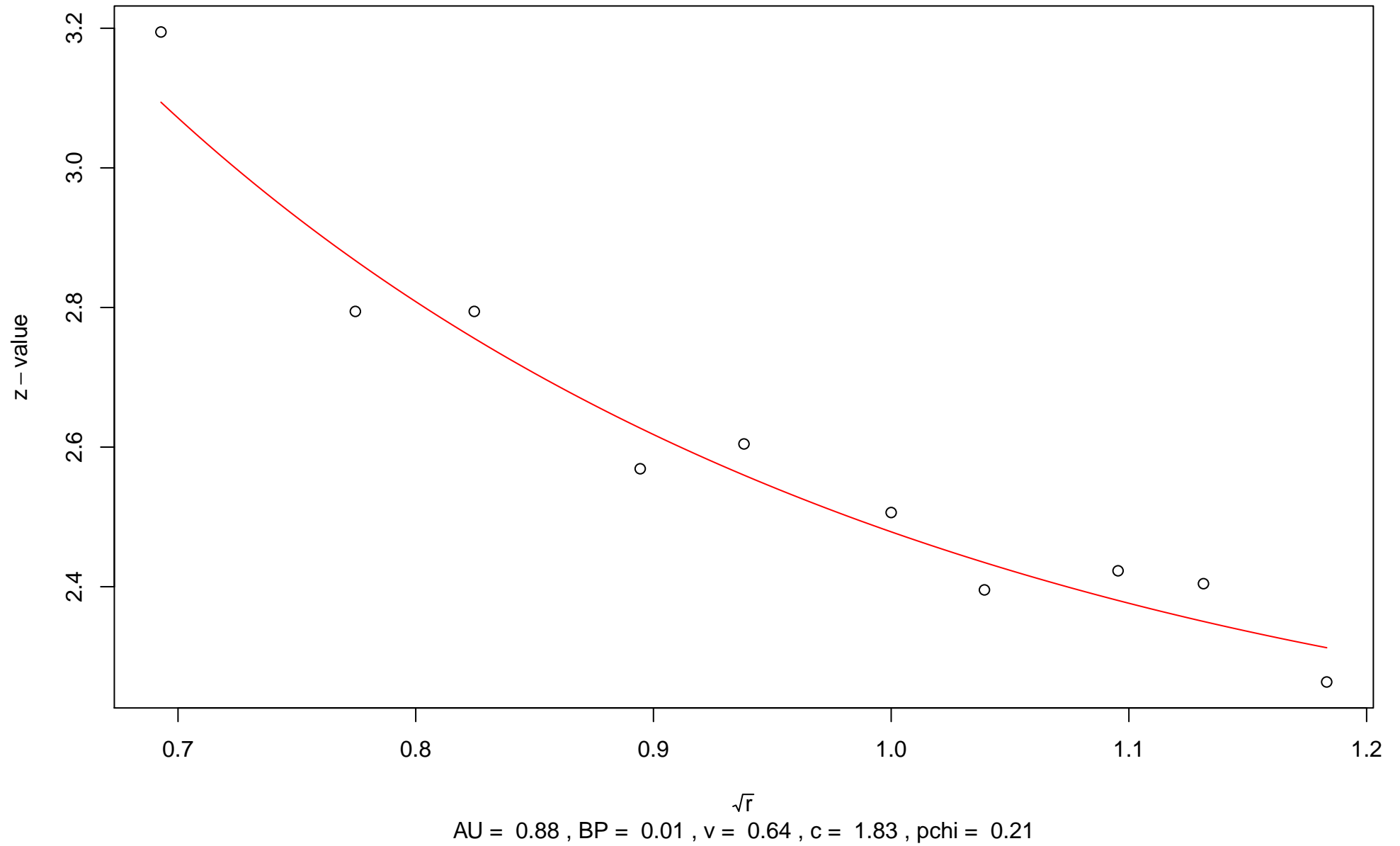
$\sqrt{r}$   
AU = 0.99 , BP = 0 , v = 0.18 , c = 2.5 , pchi = 0.41

# 226th edge

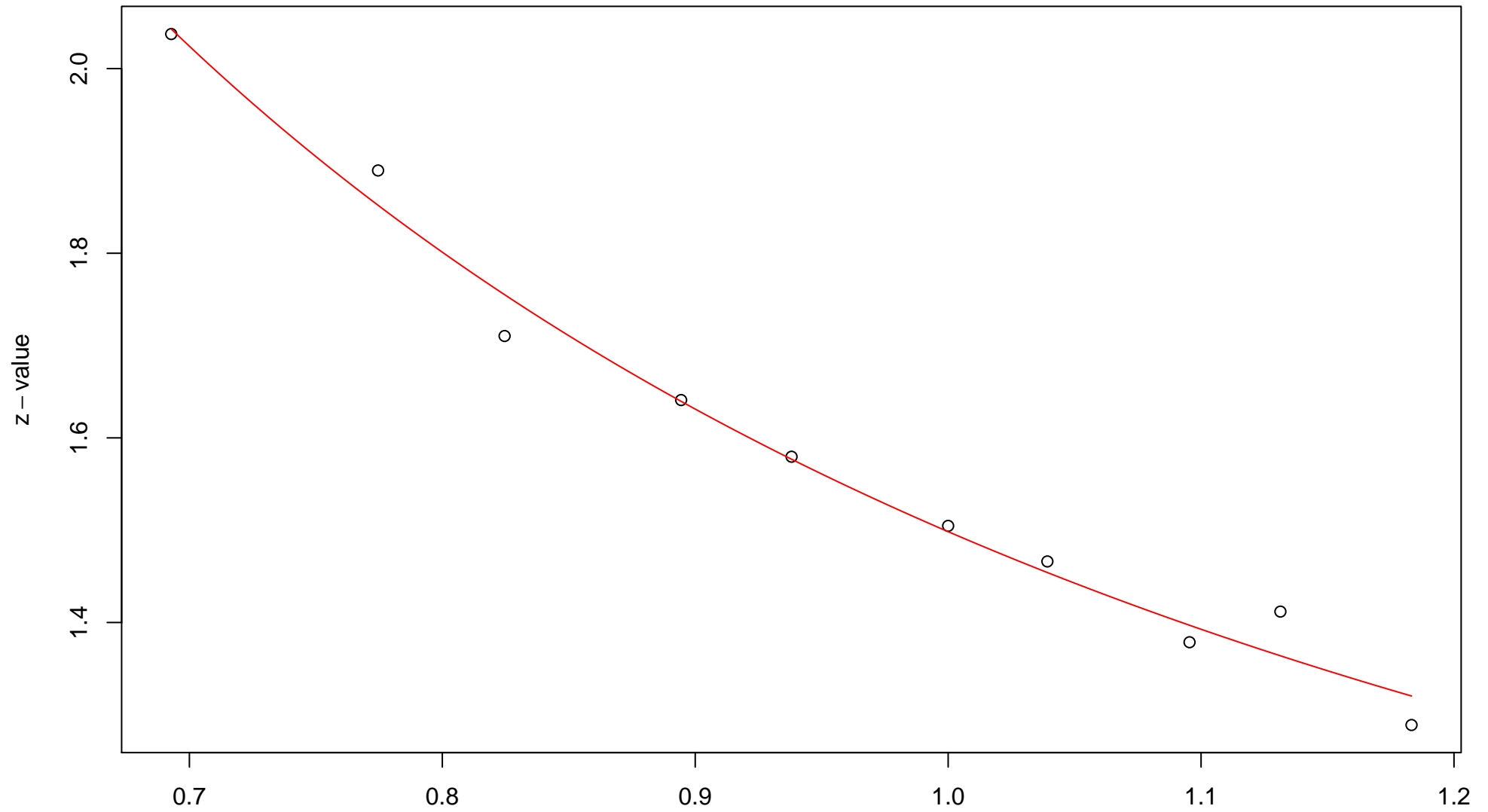


$\sqrt{r}$   
AU = 0.93 , BP = 0.11 , v = -0.13 , c = 1.33 , pchi = 0

## 227th edge

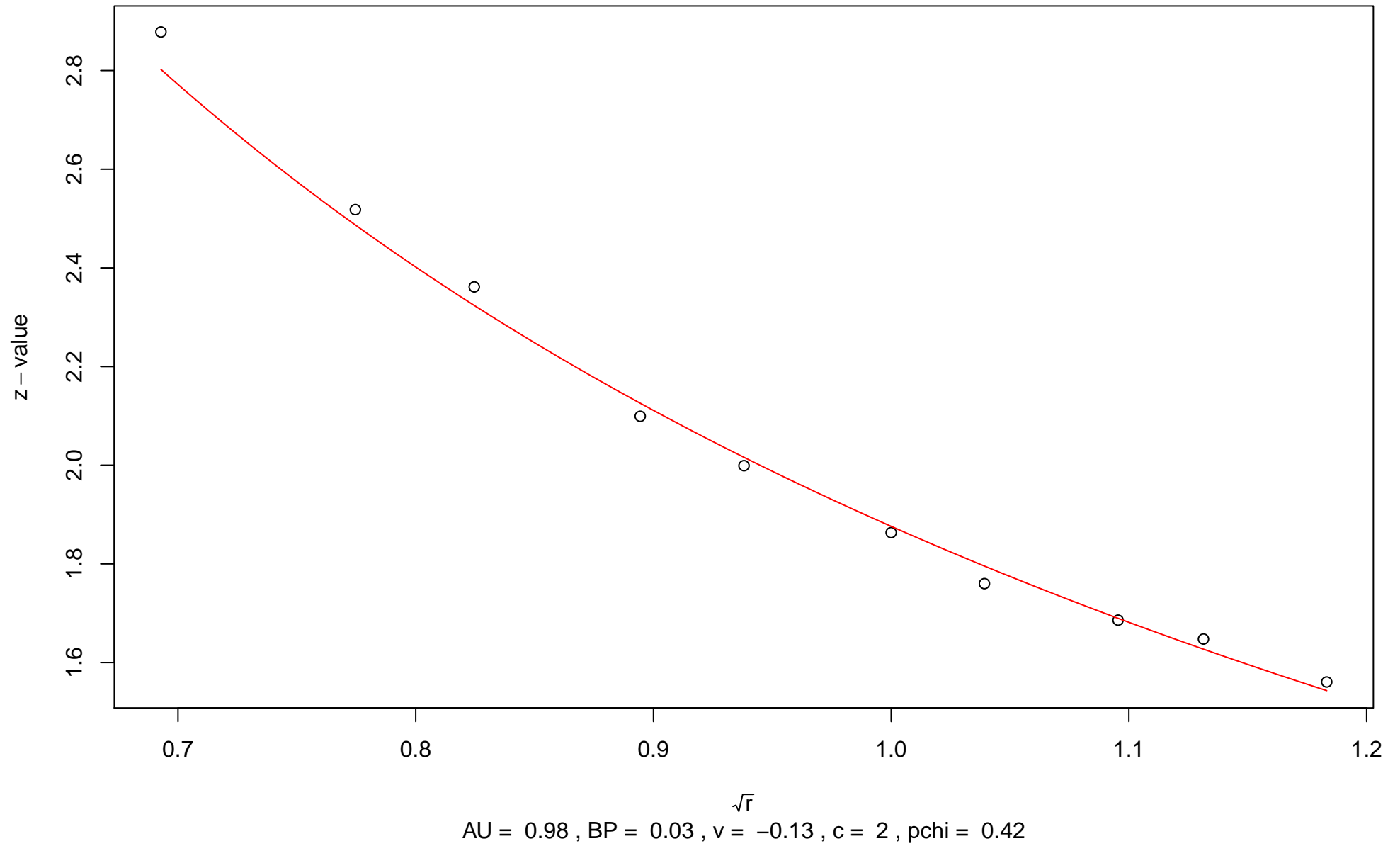


## 228th edge

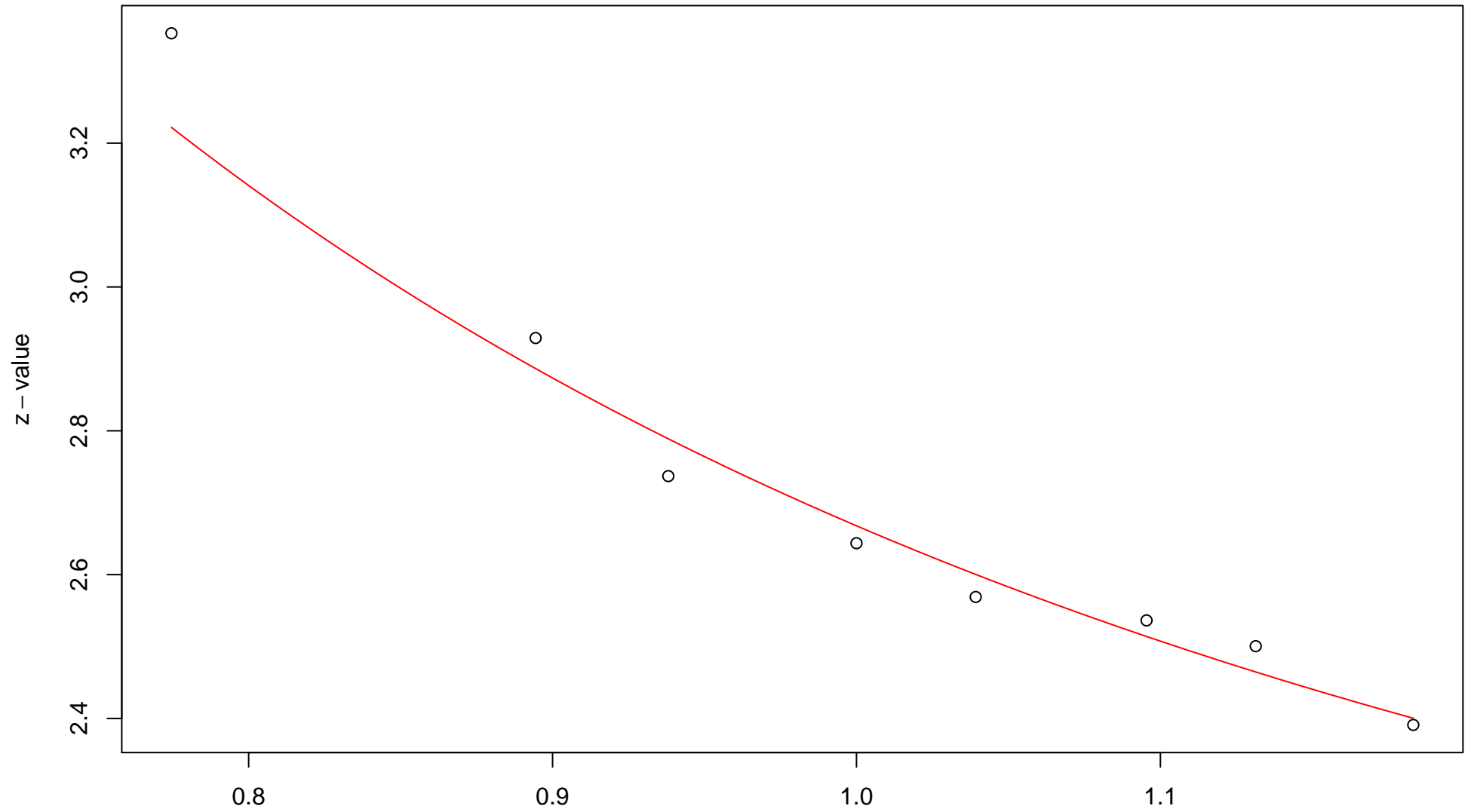


$\sqrt{r}$   
AU = 0.88 , BP = 0.07 ,  $v = 0.16$  ,  $c = 1.34$  ,  $pchi = 0.02$

## 229th edge

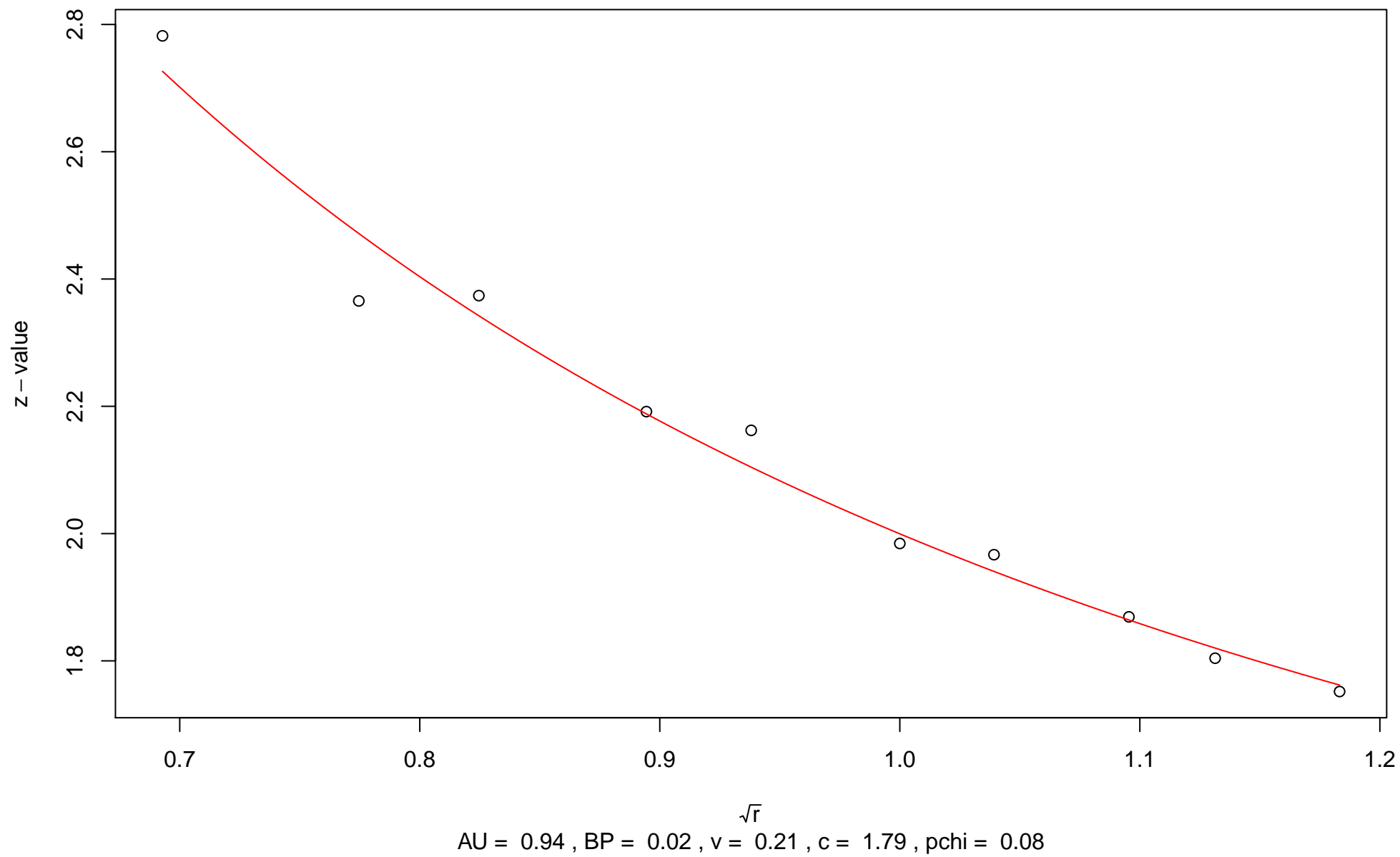


# 230th edge



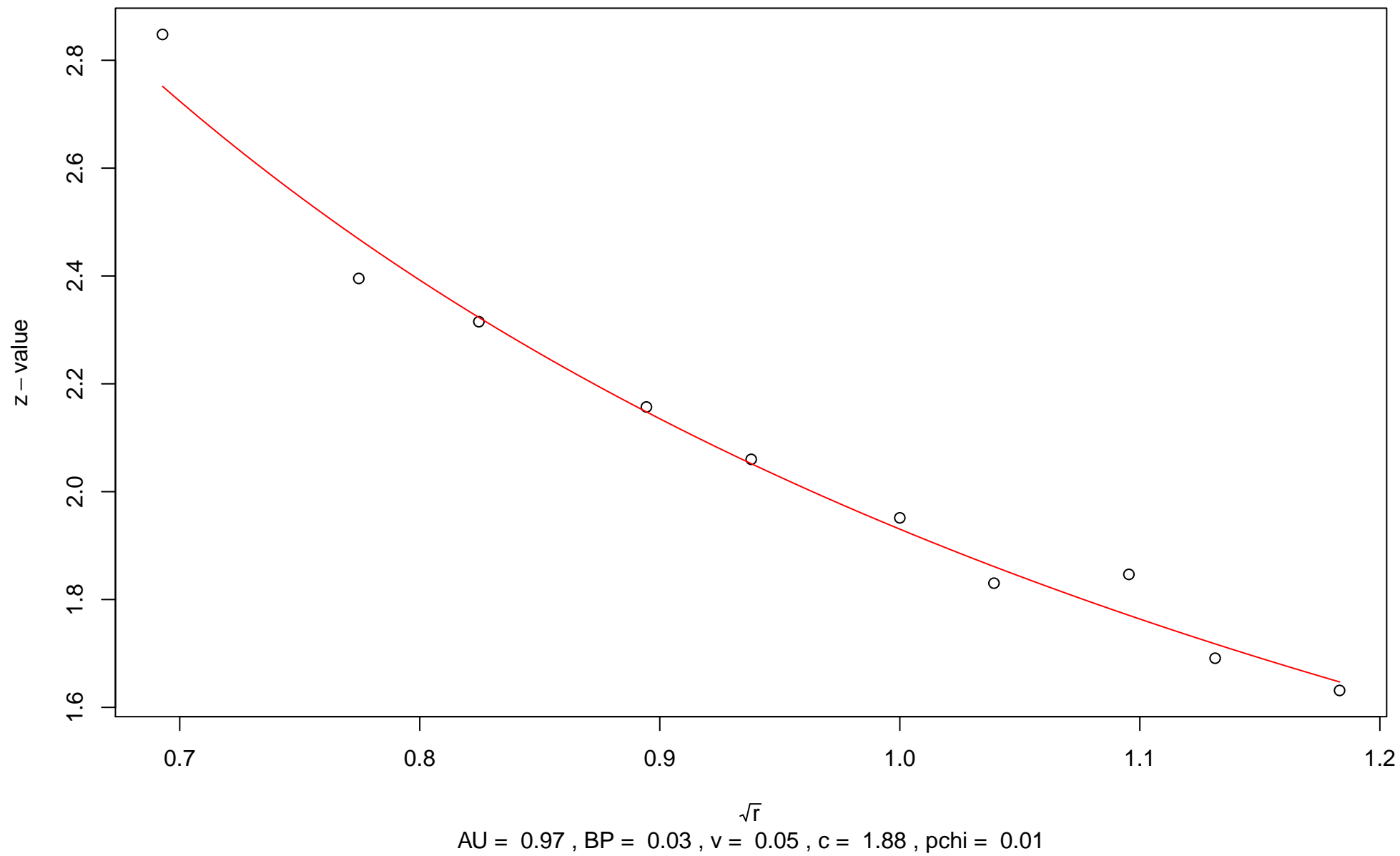
$\sqrt{r}$   
AU = 0.96 , BP = 0 , v = 0.43 , c = 2.24 , pchi = 0.74

# 231st edge

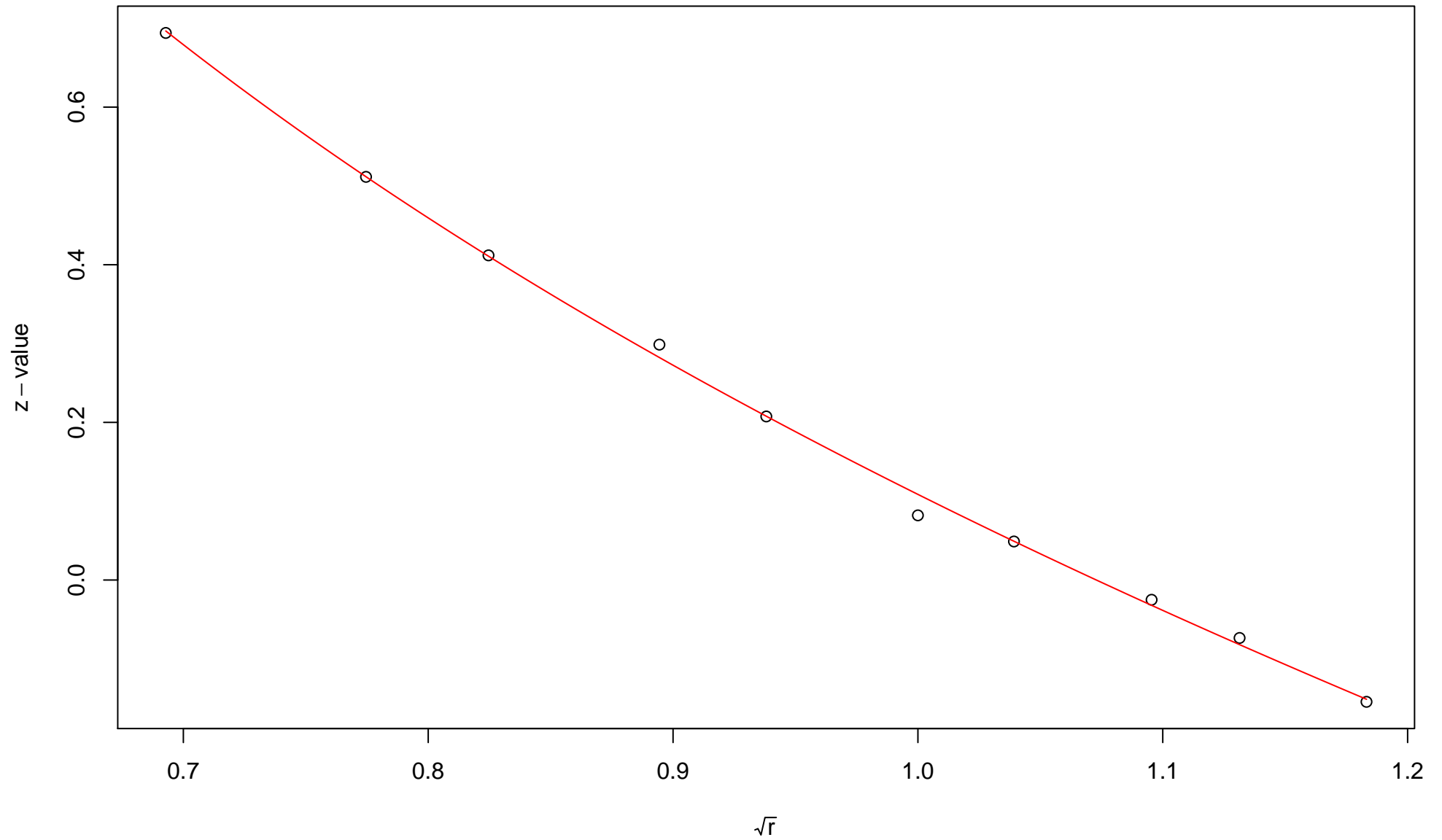




## 232nd edge

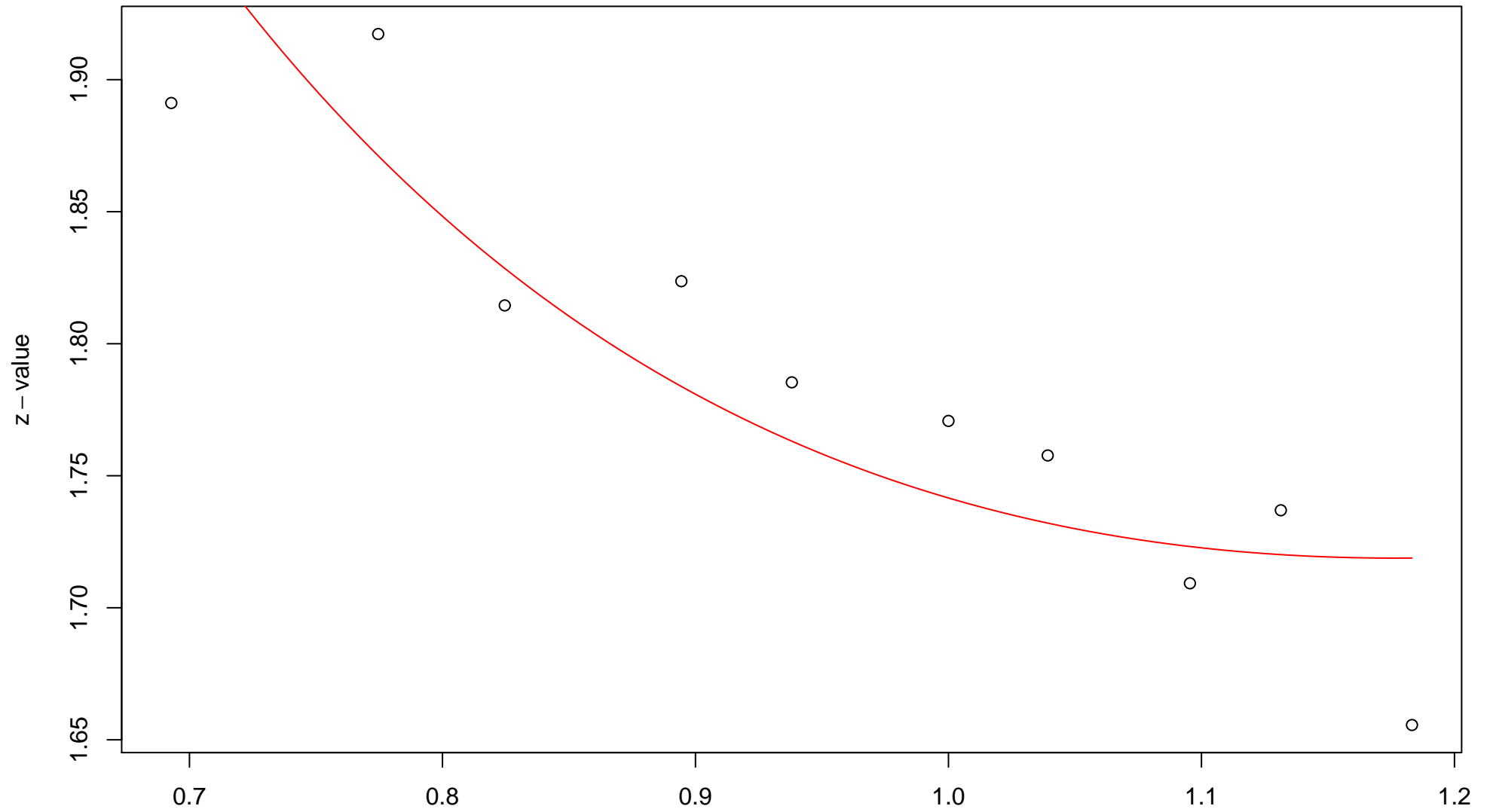


### 233rd edge



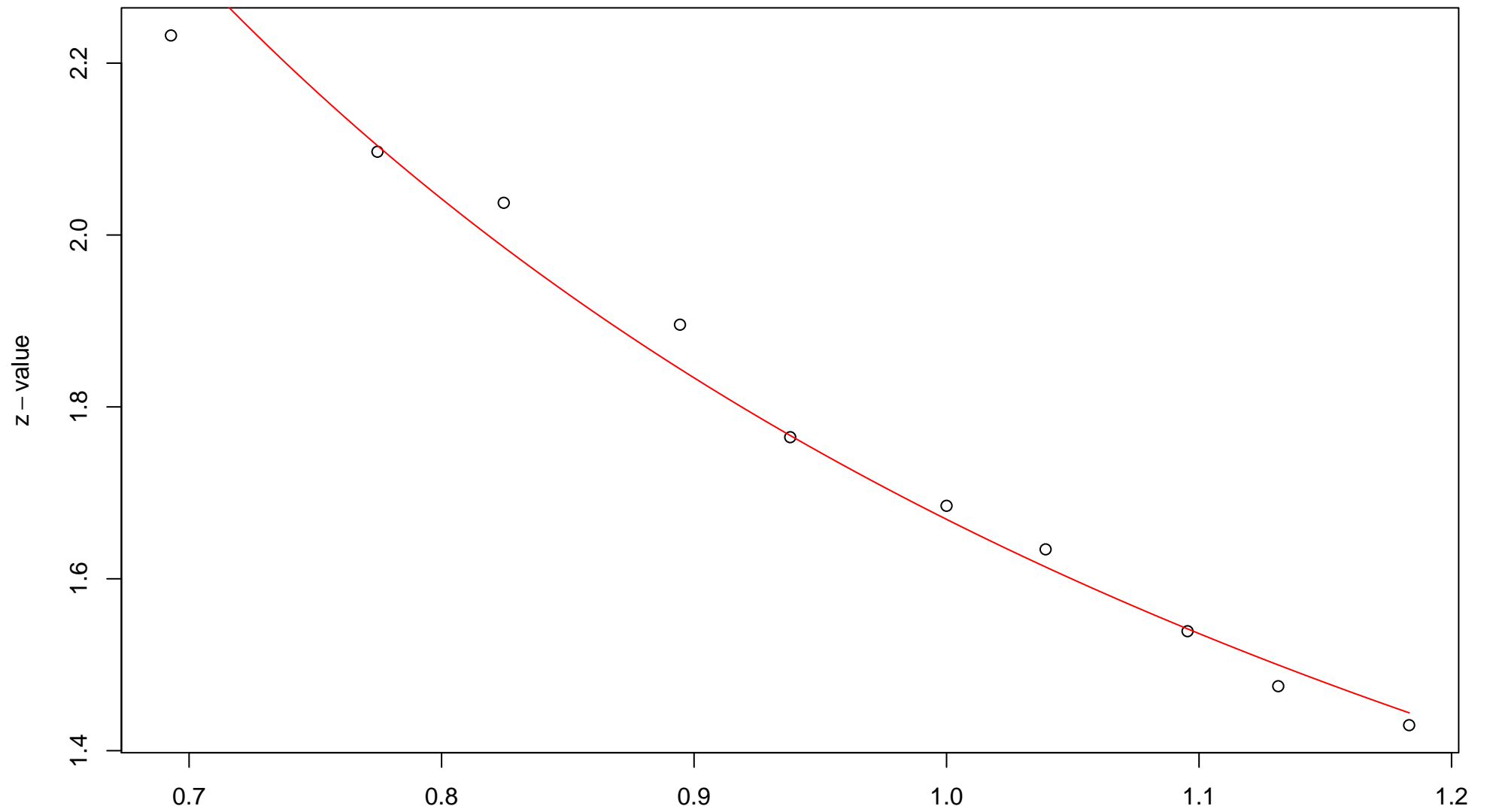
$\sqrt{r}$   
AU = 0.94 , BP = 0.46 ,  $v = -0.72$  , c = 0.83 , pchi = 0.53

### 234th edge



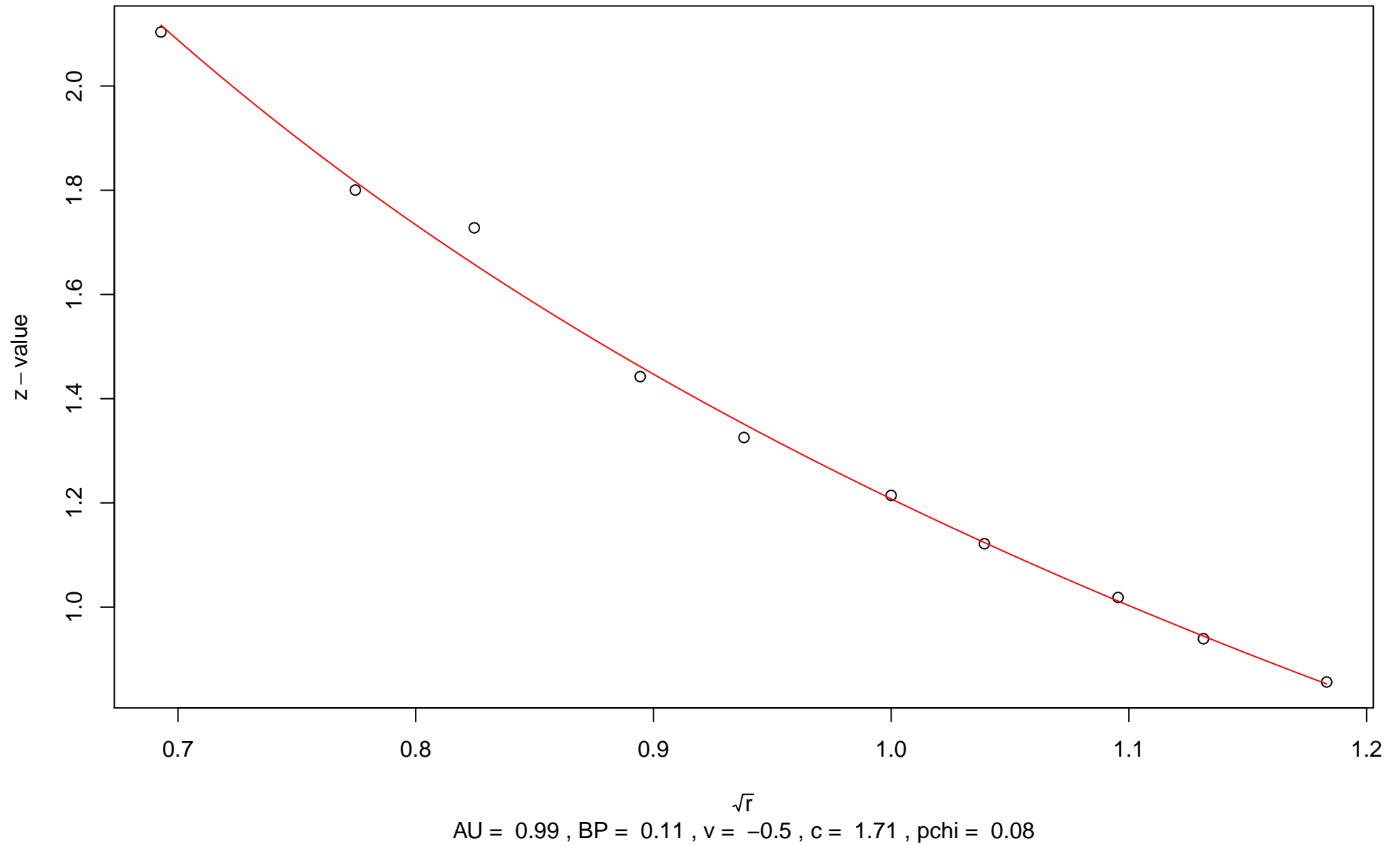
$\sqrt{r}$   
AU = 0.61 , BP = 0.04 ,  $v$  = 0.73 , c = 1.01 , pchi = 0

### 235th edge

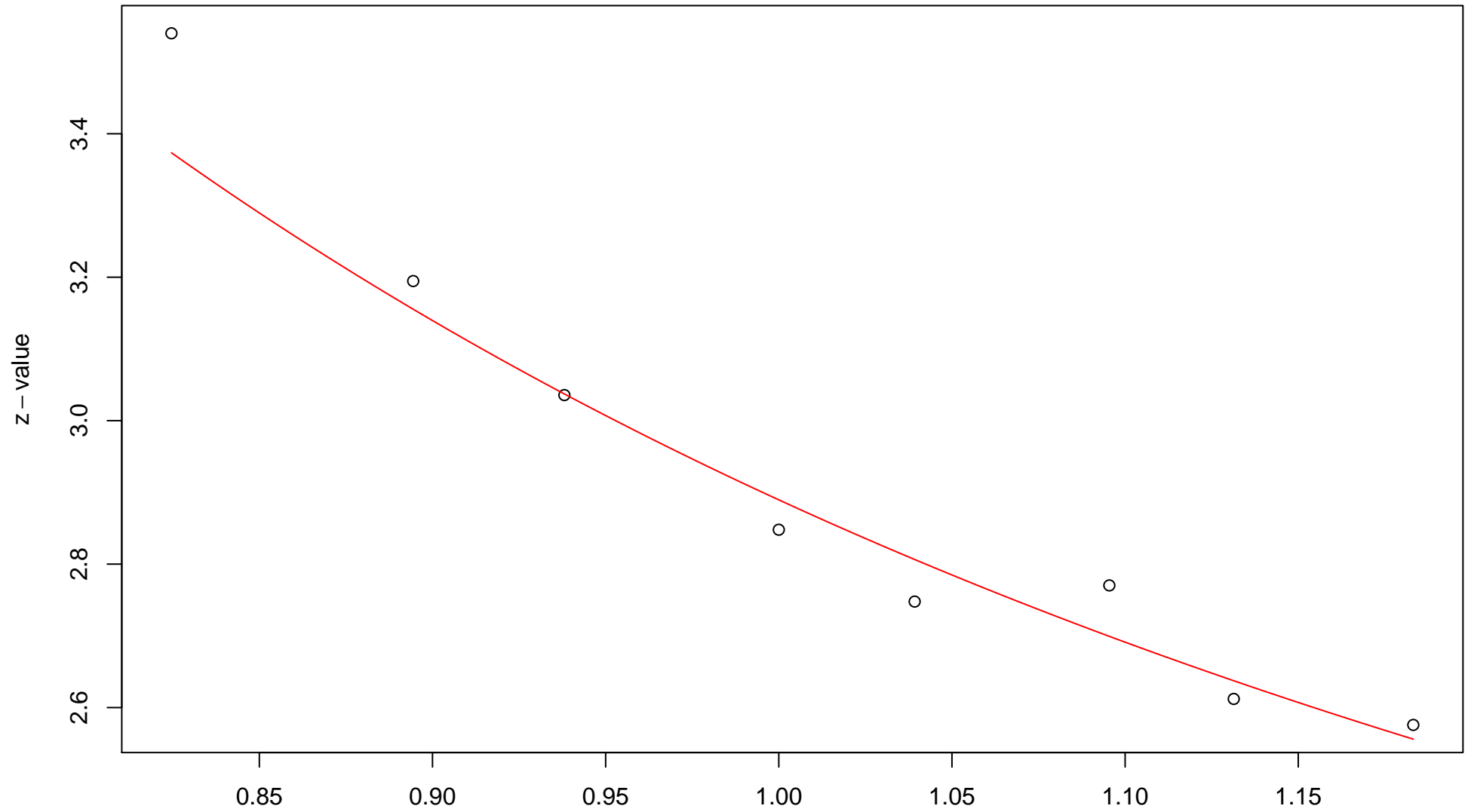


$\sqrt{r}$   
AU = 0.93 , BP = 0.05 ,  $v = 0.1$  ,  $c = 1.57$  ,  $pchi = 0.01$

### 236th edge

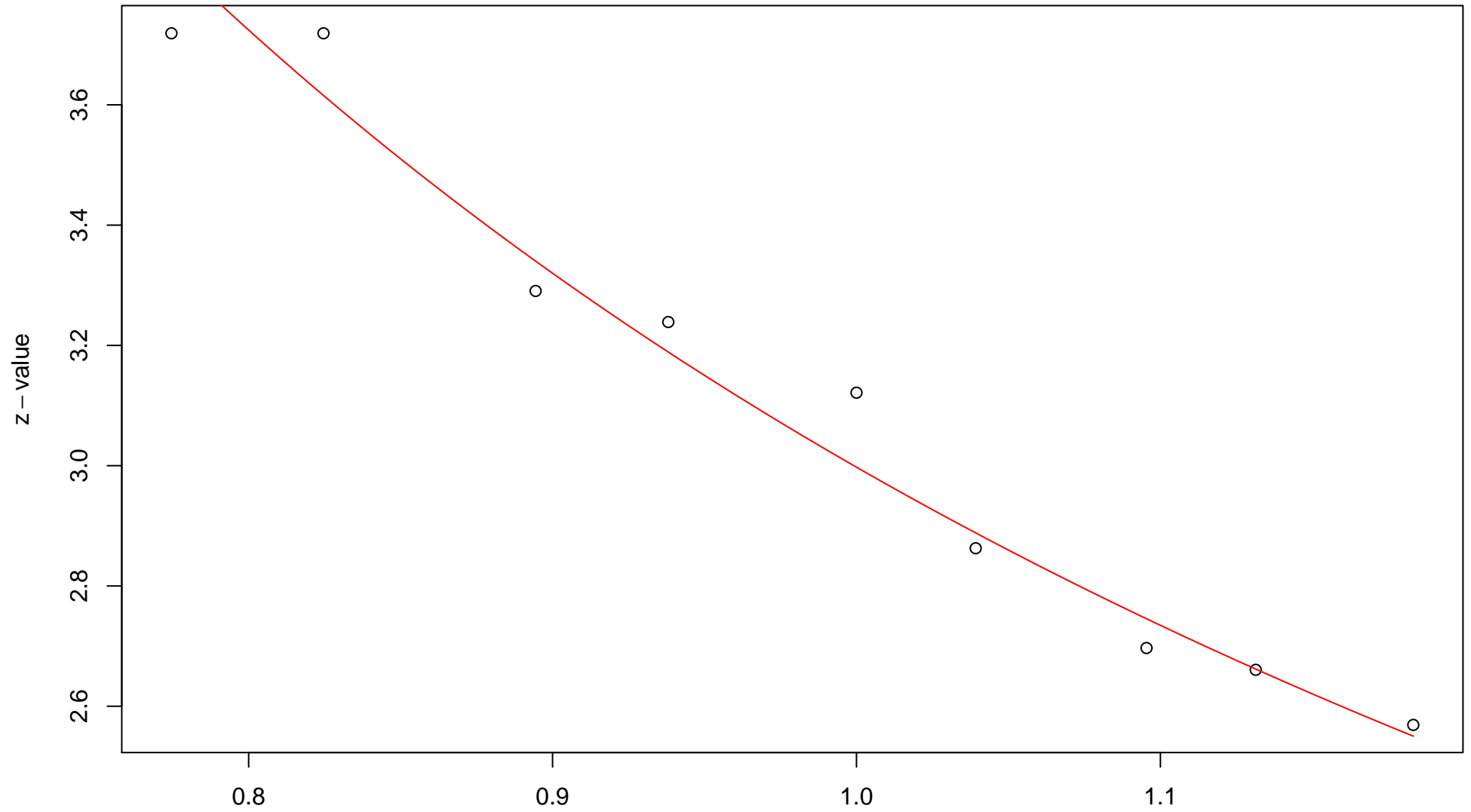


## 237th edge



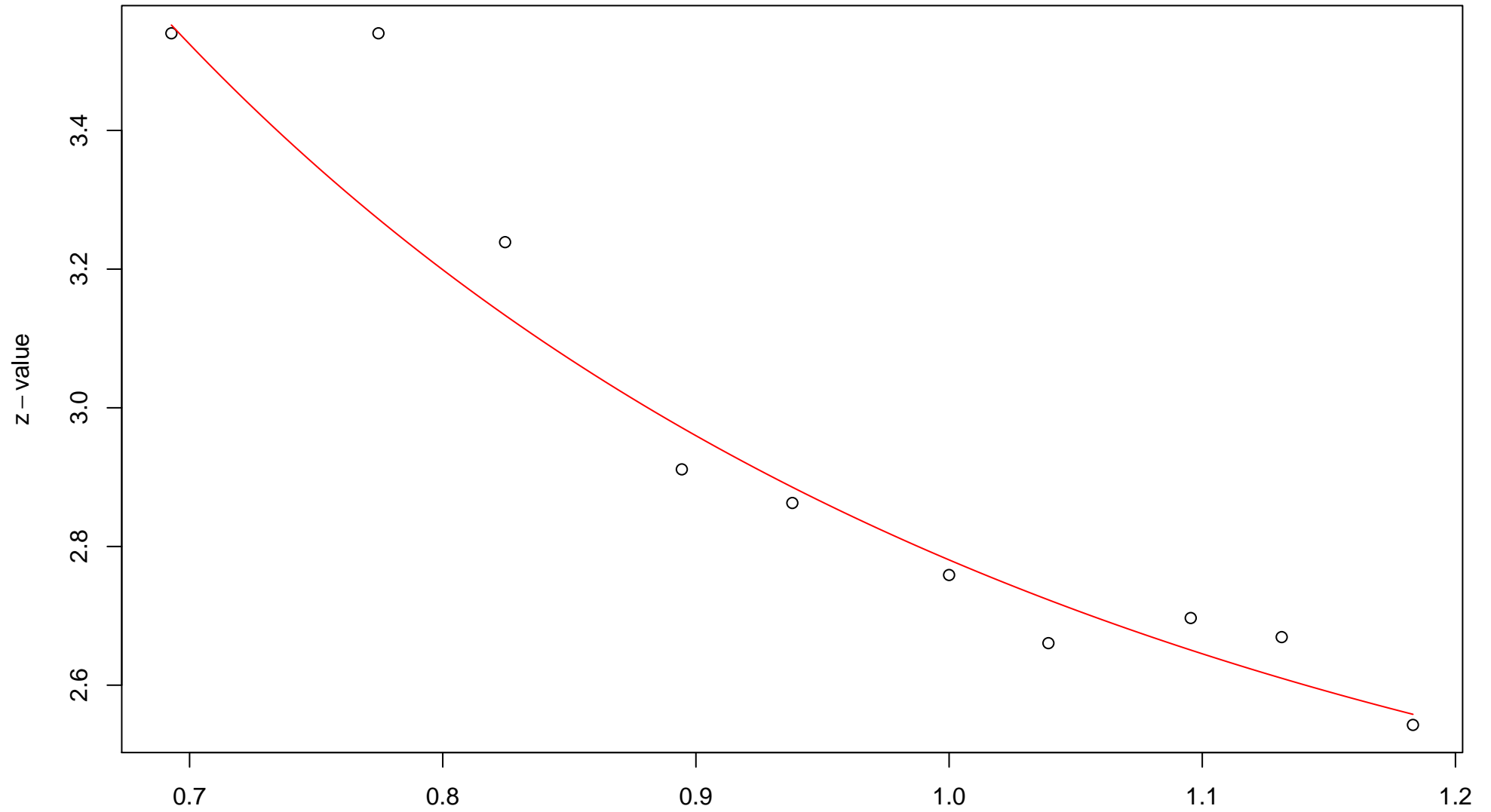
$\sqrt{r}$   
AU = 0.99 , BP = 0 ,  $v = 0.34$  ,  $c = 2.55$  ,  $pchi = 0.67$

### 238th edge



$\sqrt{r}$   
AU = 1 , BP = 0 ,  $v = 0.05$  ,  $c = 2.95$  ,  $pchi = 0.85$

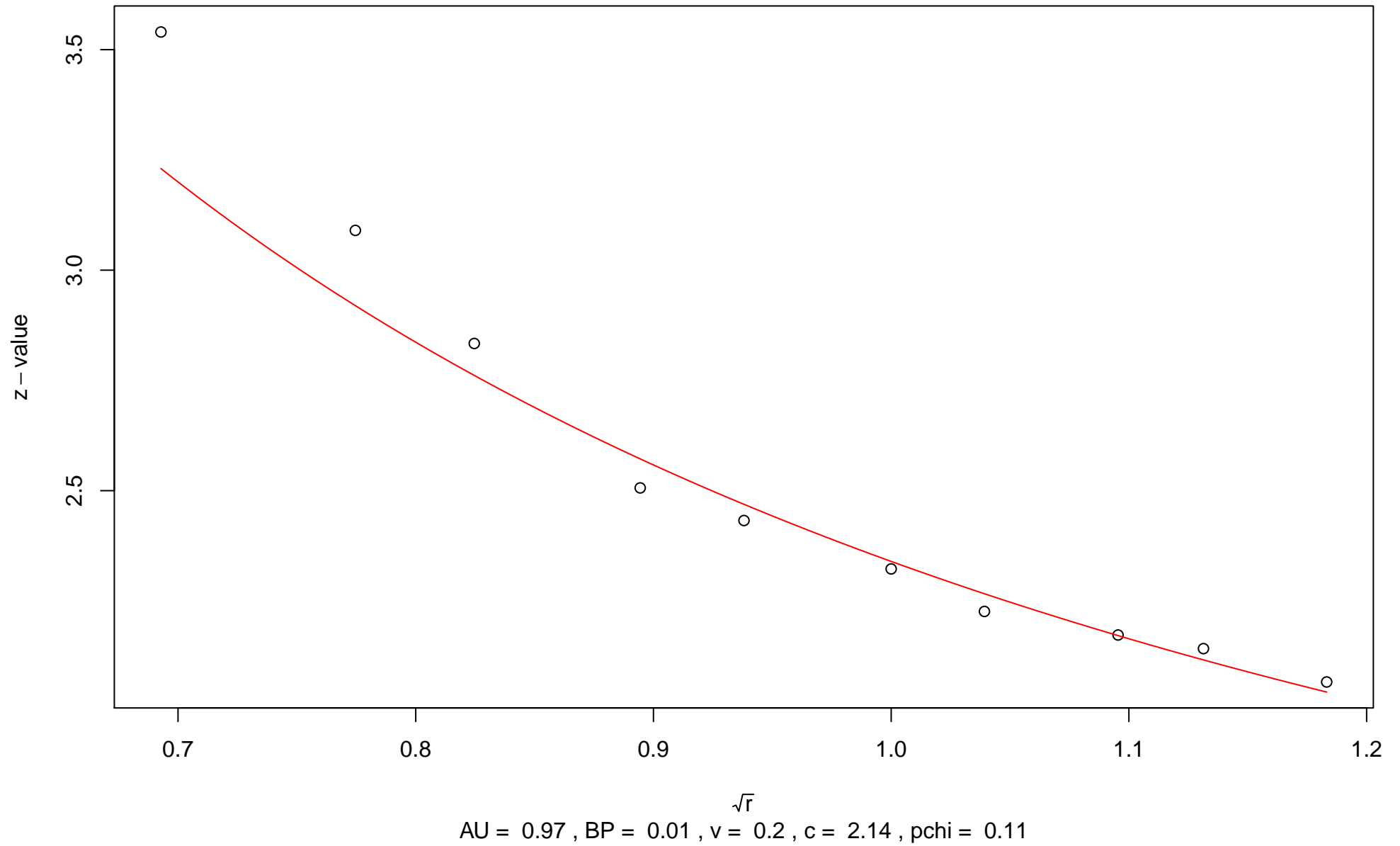
### 239th edge



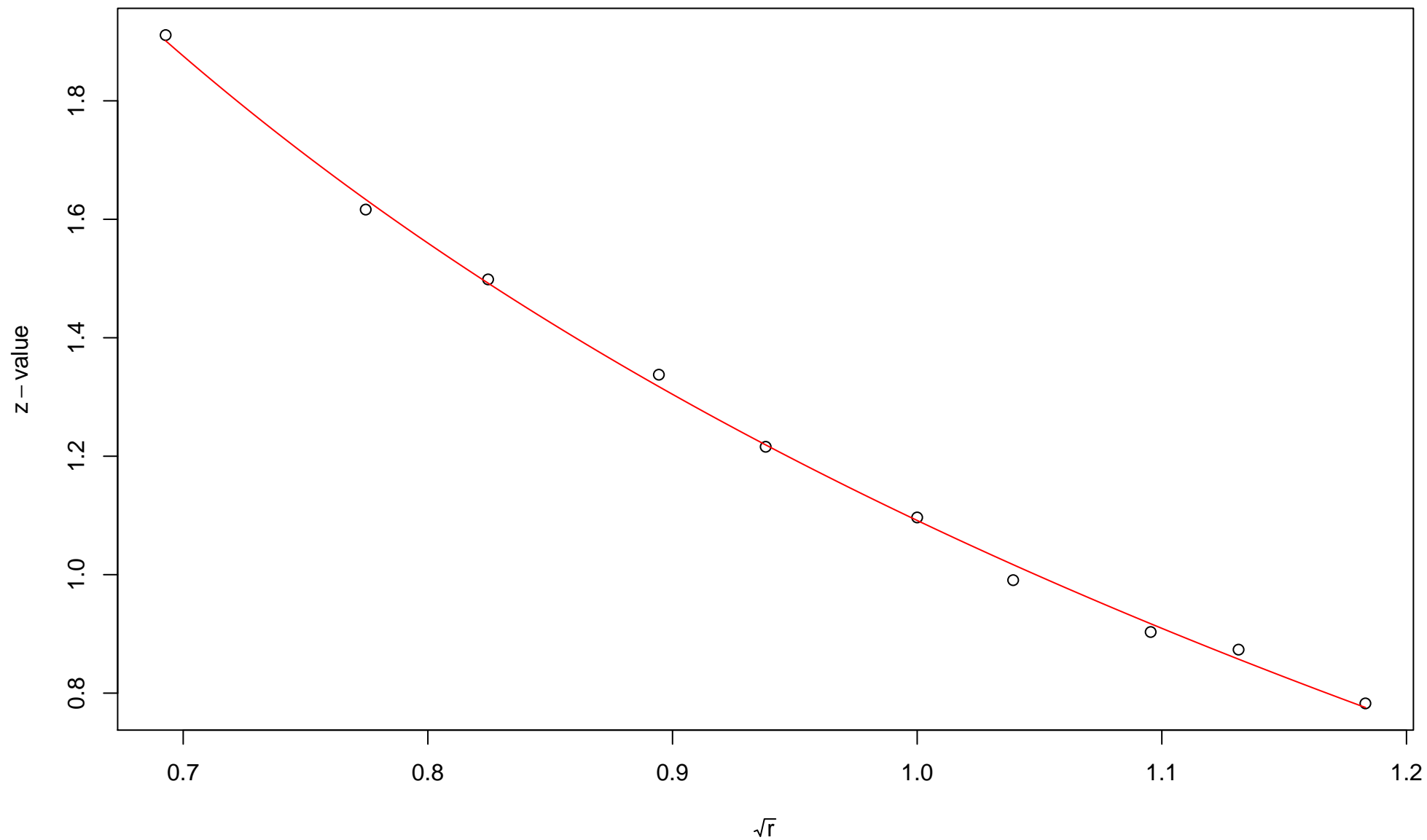
$\sqrt{r}$   
AU = 0.94 , BP = 0 ,  $v$  = 0.61 ,  $c$  = 2.17 , pchi = 0.52



# 240th edge

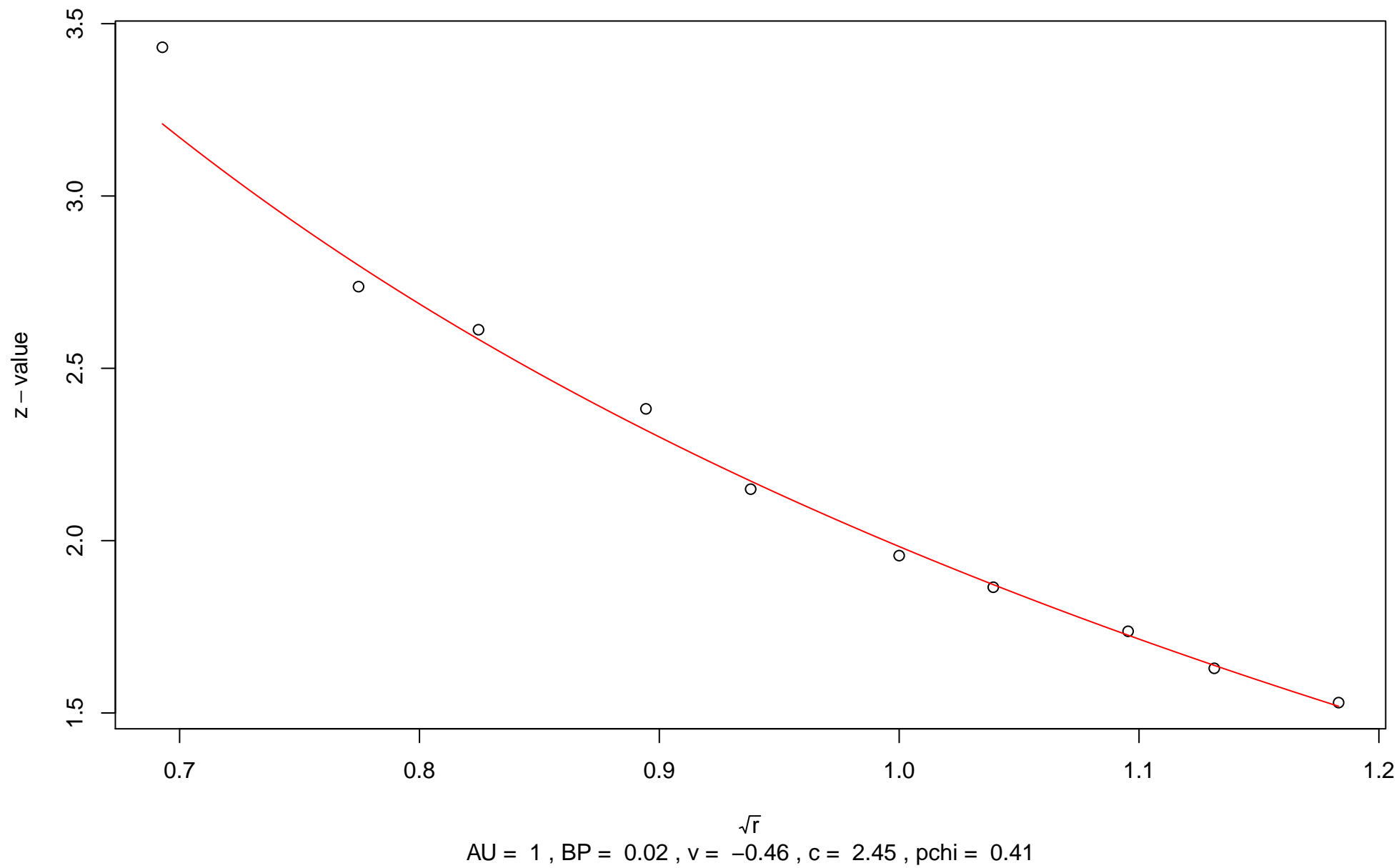


## 241st edge

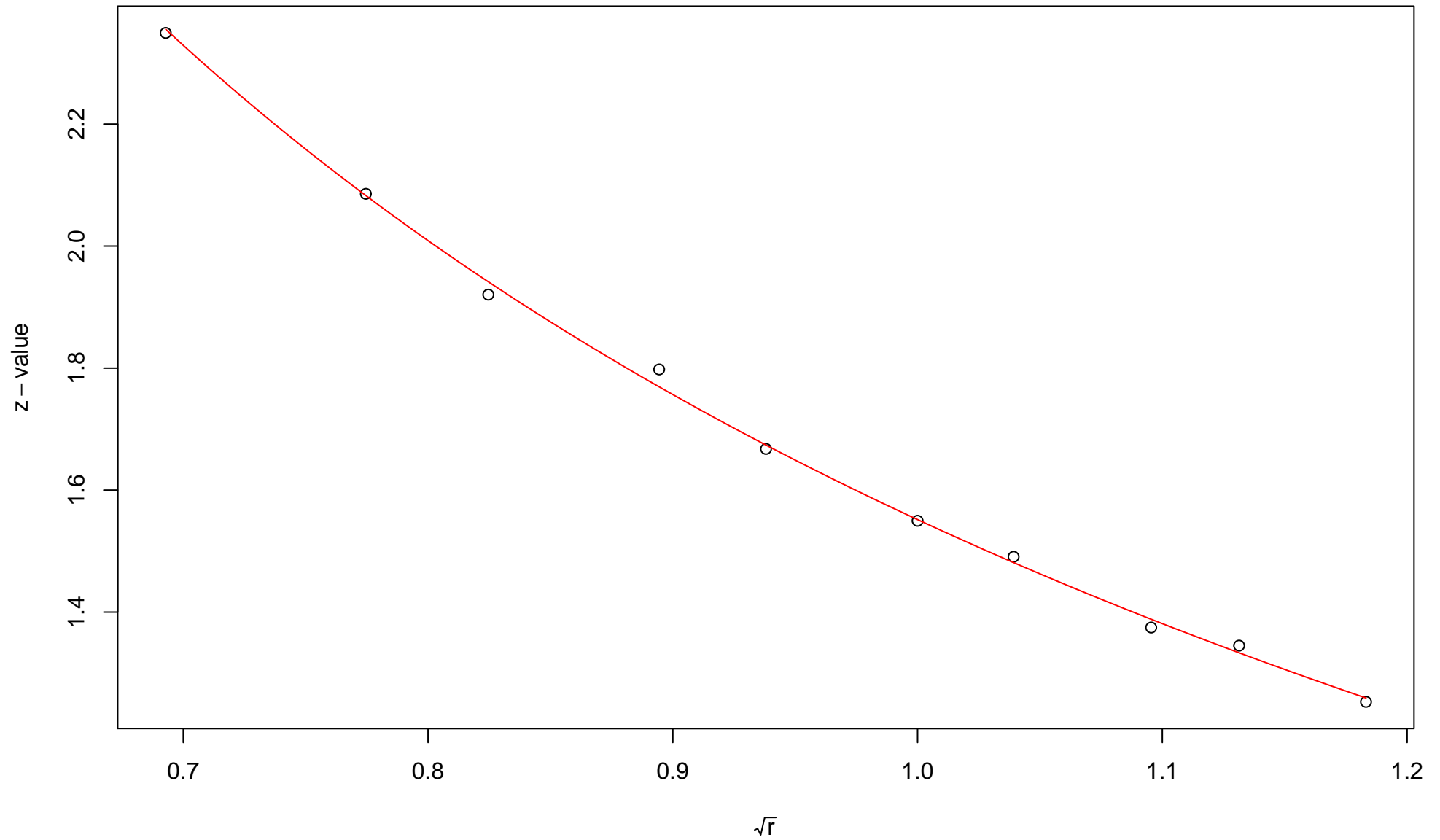


$\sqrt{r}$   
AU = 0.98 , BP = 0.14 ,  $v = -0.43$  , c = 1.53 , pchi = 0.45

## 242nd edge

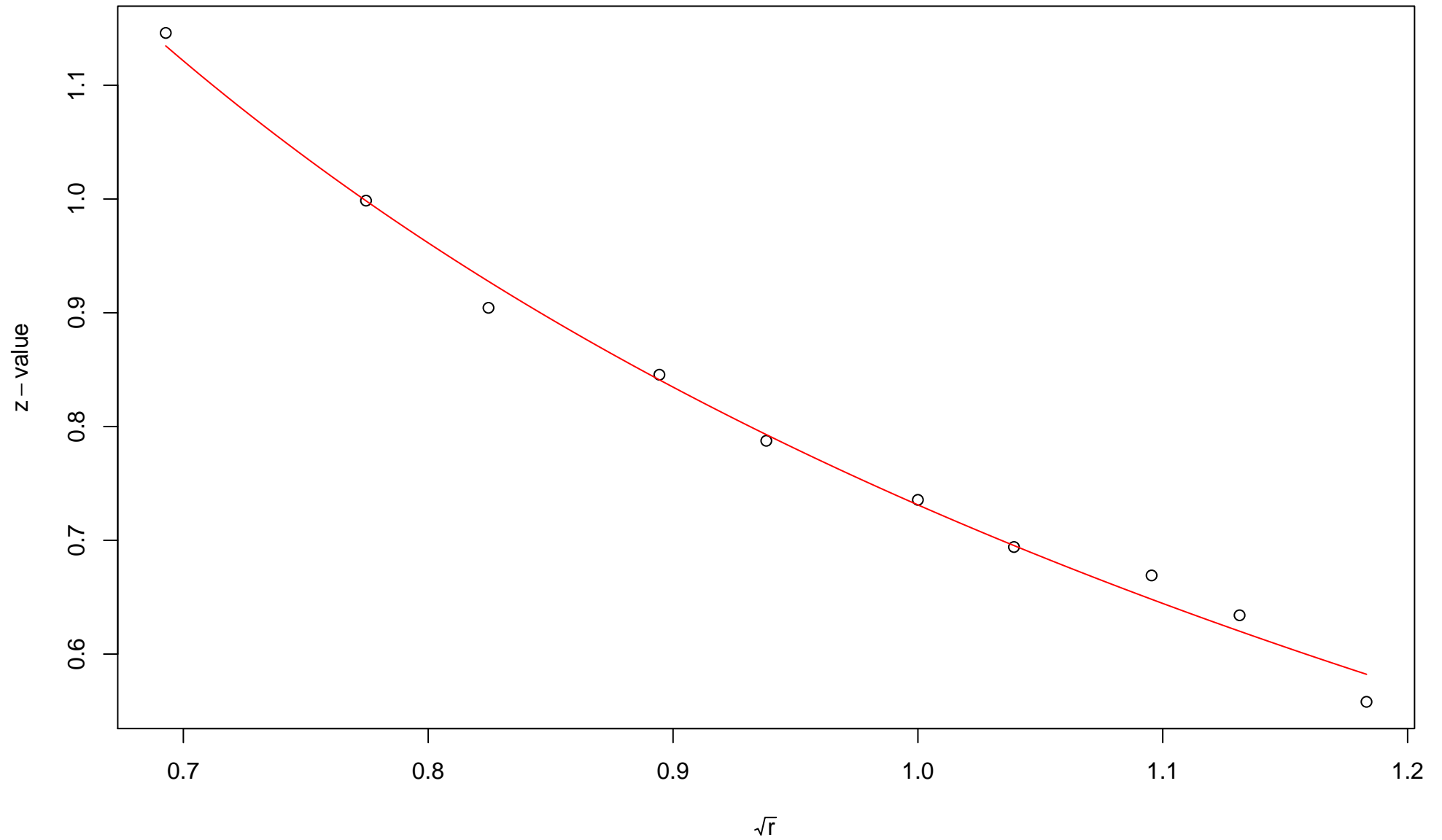


### 243rd edge



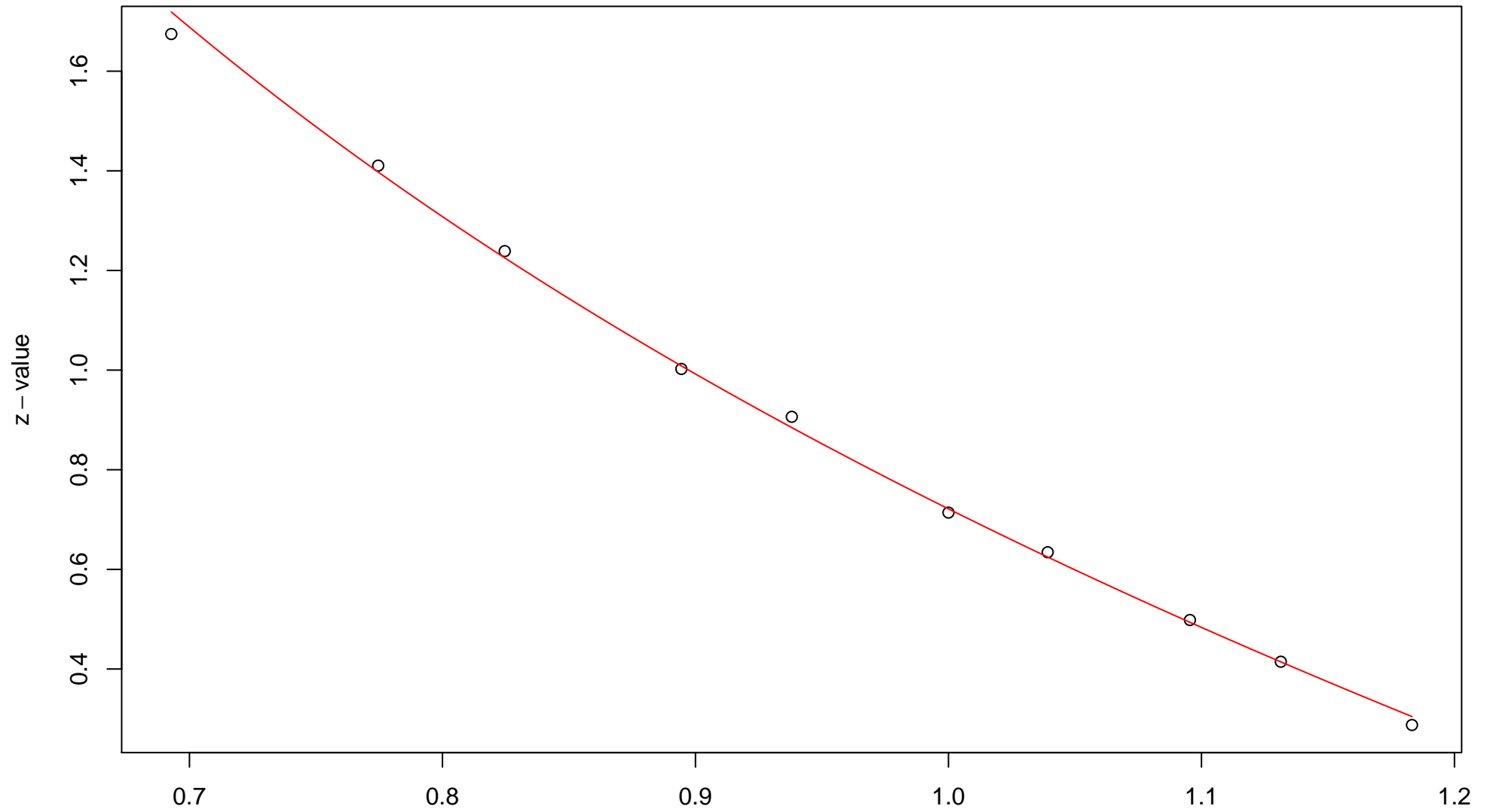
$\sqrt{r}$   
AU = 0.97 , BP = 0.06 ,  $v$  = -0.15 ,  $c$  = 1.71 , pchi = 0.89

## 244th edge



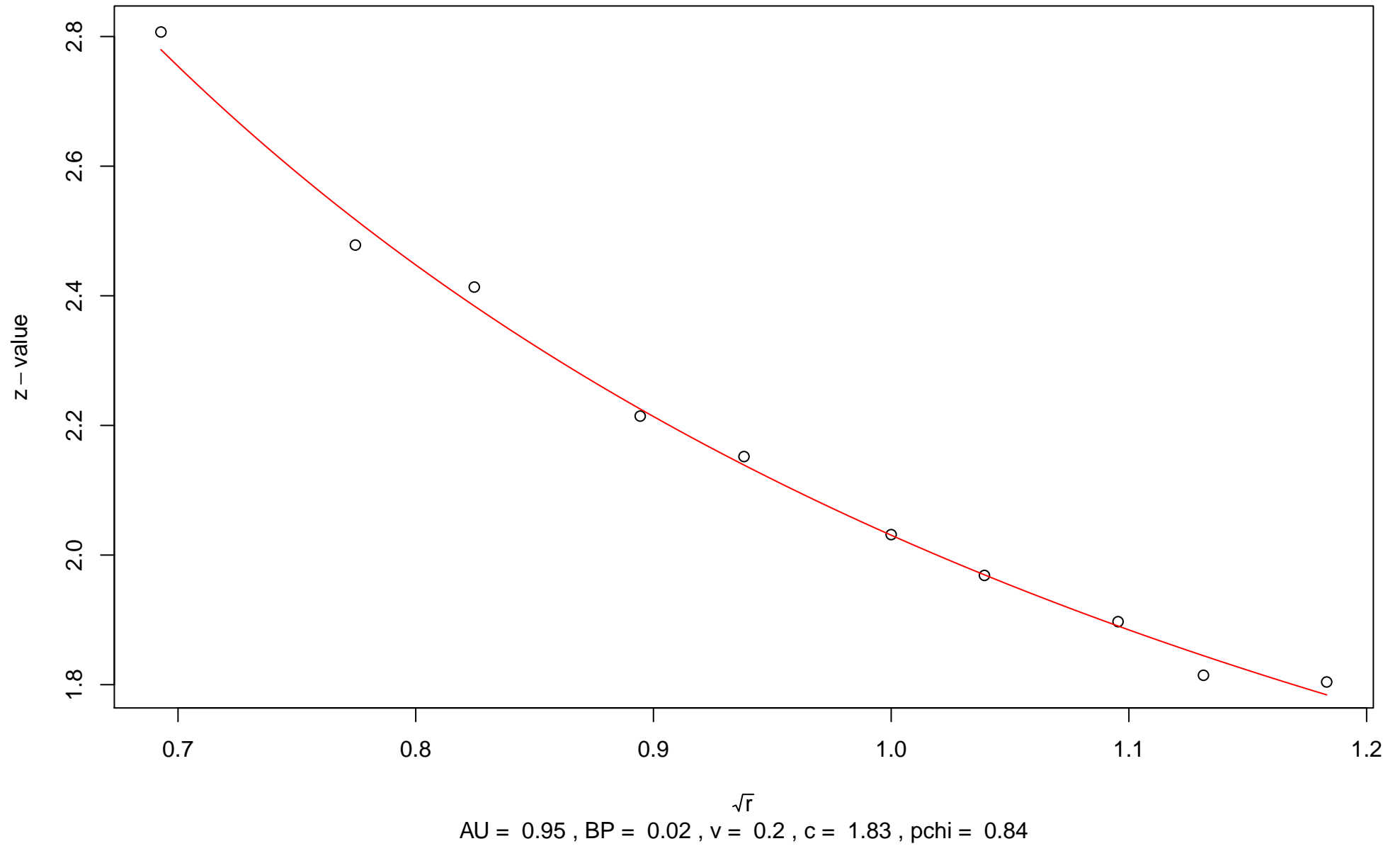
$\sqrt{r}$   
AU = 0.83 , BP = 0.23 ,  $v = -0.11$  ,  $c = 0.84$  , pchi = 0.25

### 245th edge

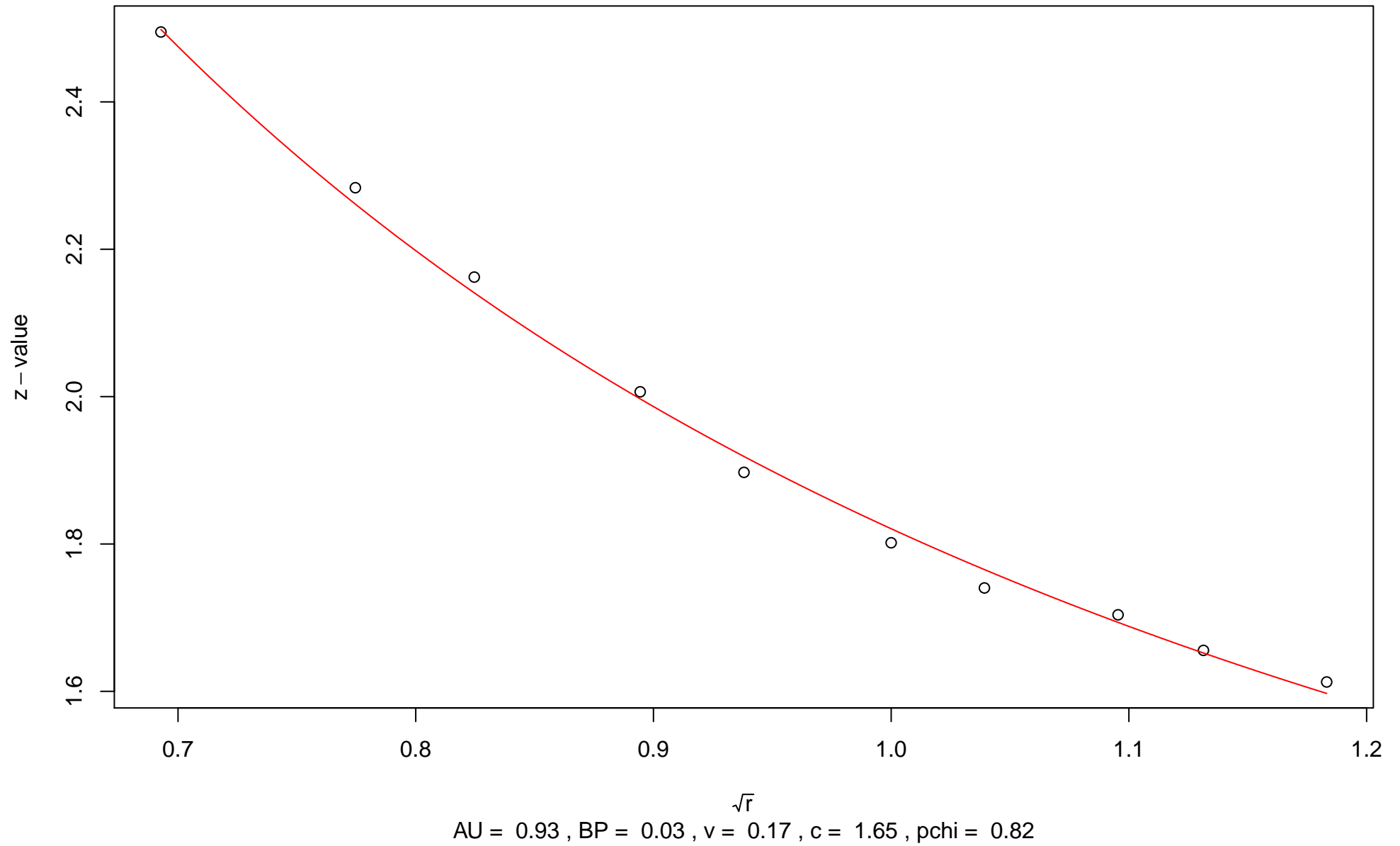


$\sqrt{r}$   
AU = 0.99 , BP = 0.24 ,  $v = -0.9$  , c = 1.62 , pchi = 0.24

## 246th edge

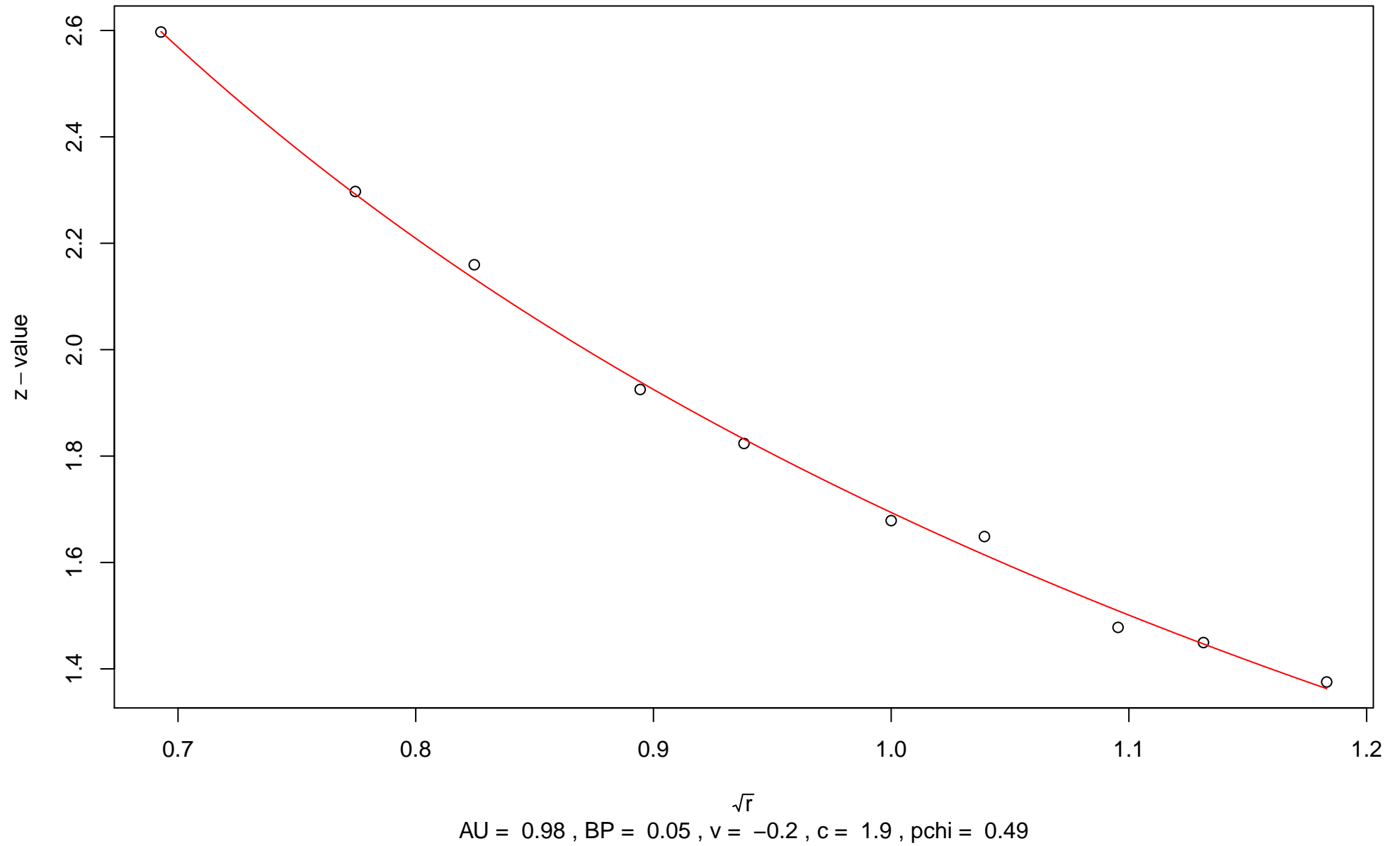


### 247th edge

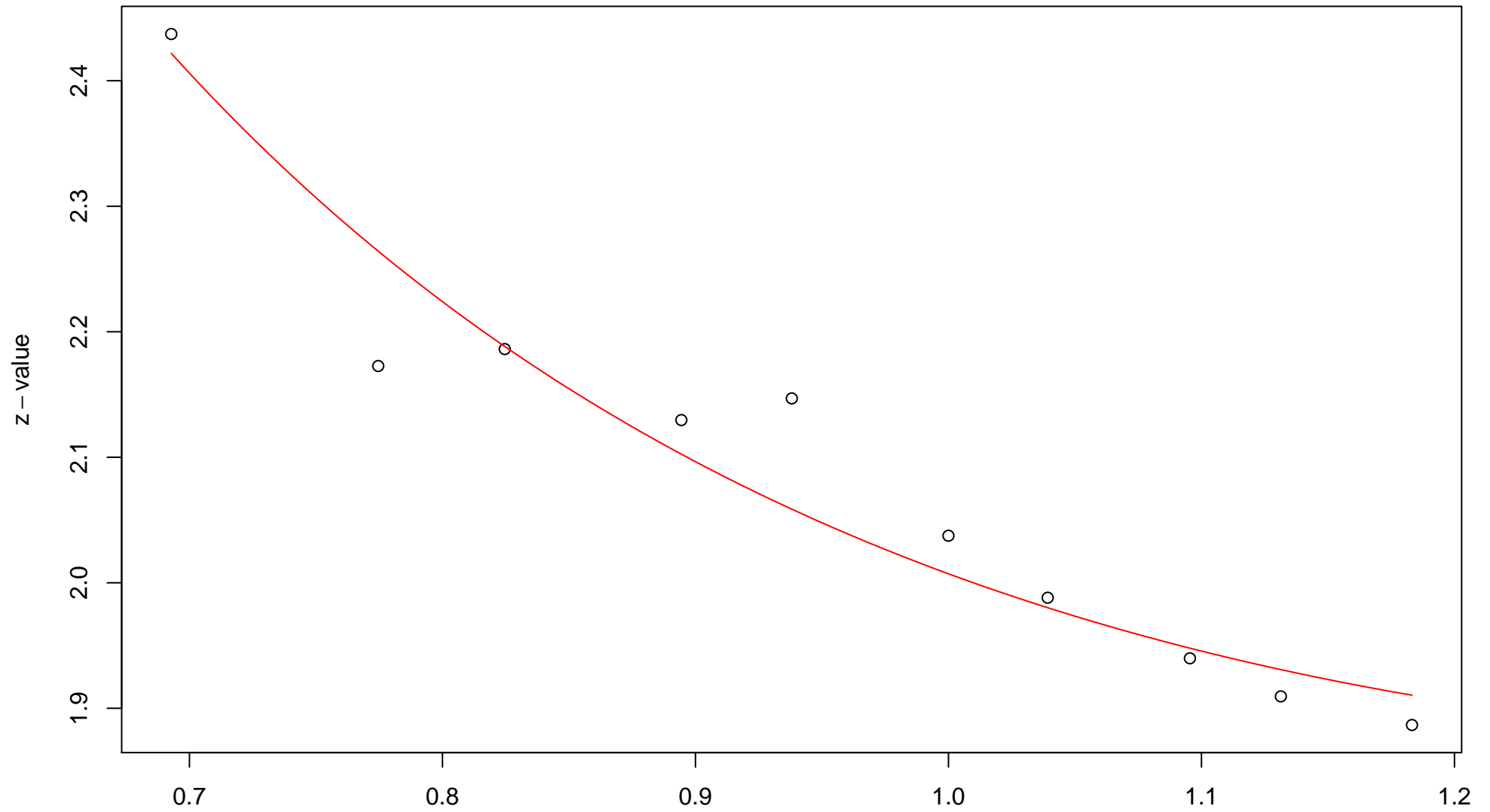




### 248th edge

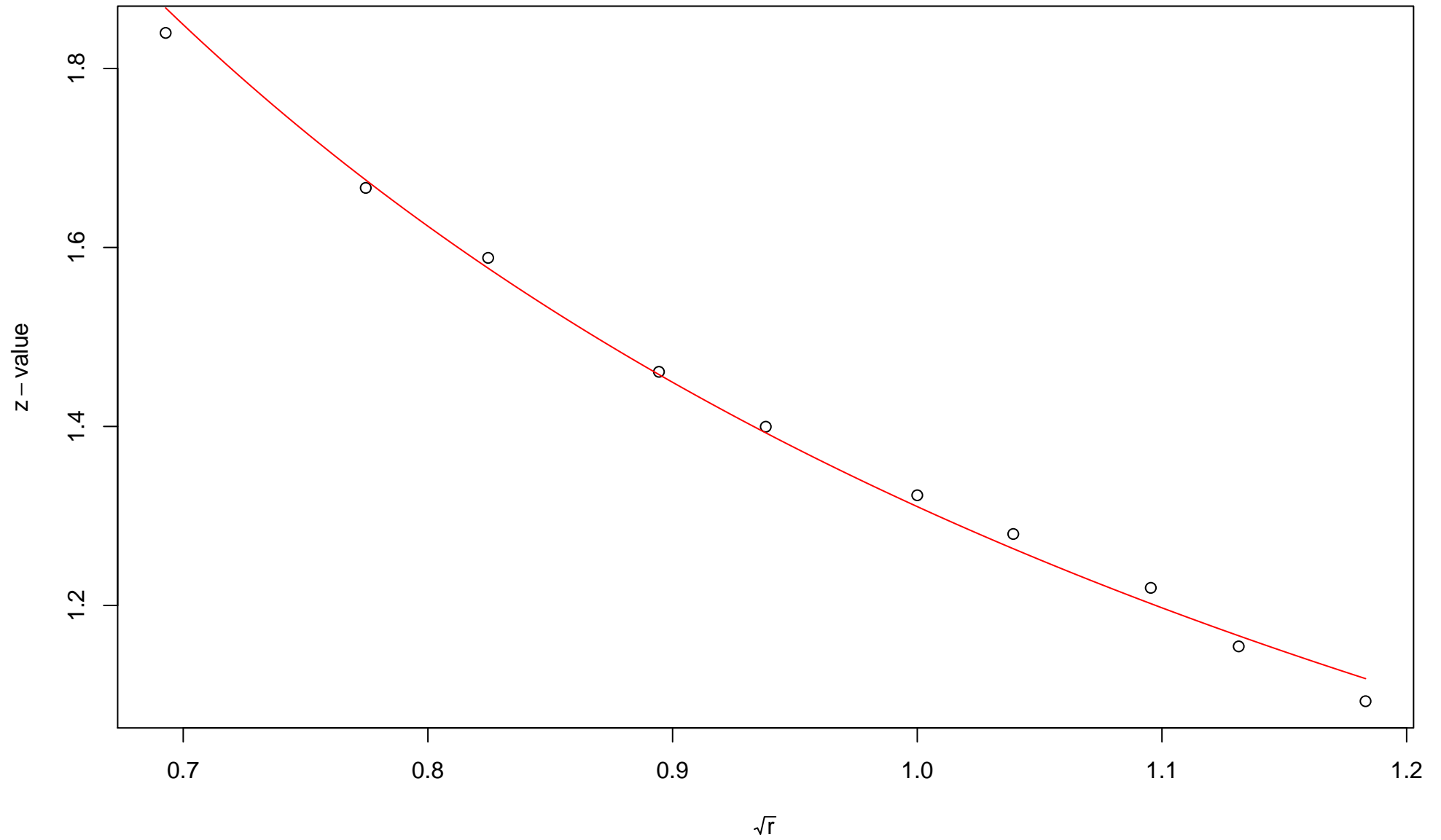


### 249th edge



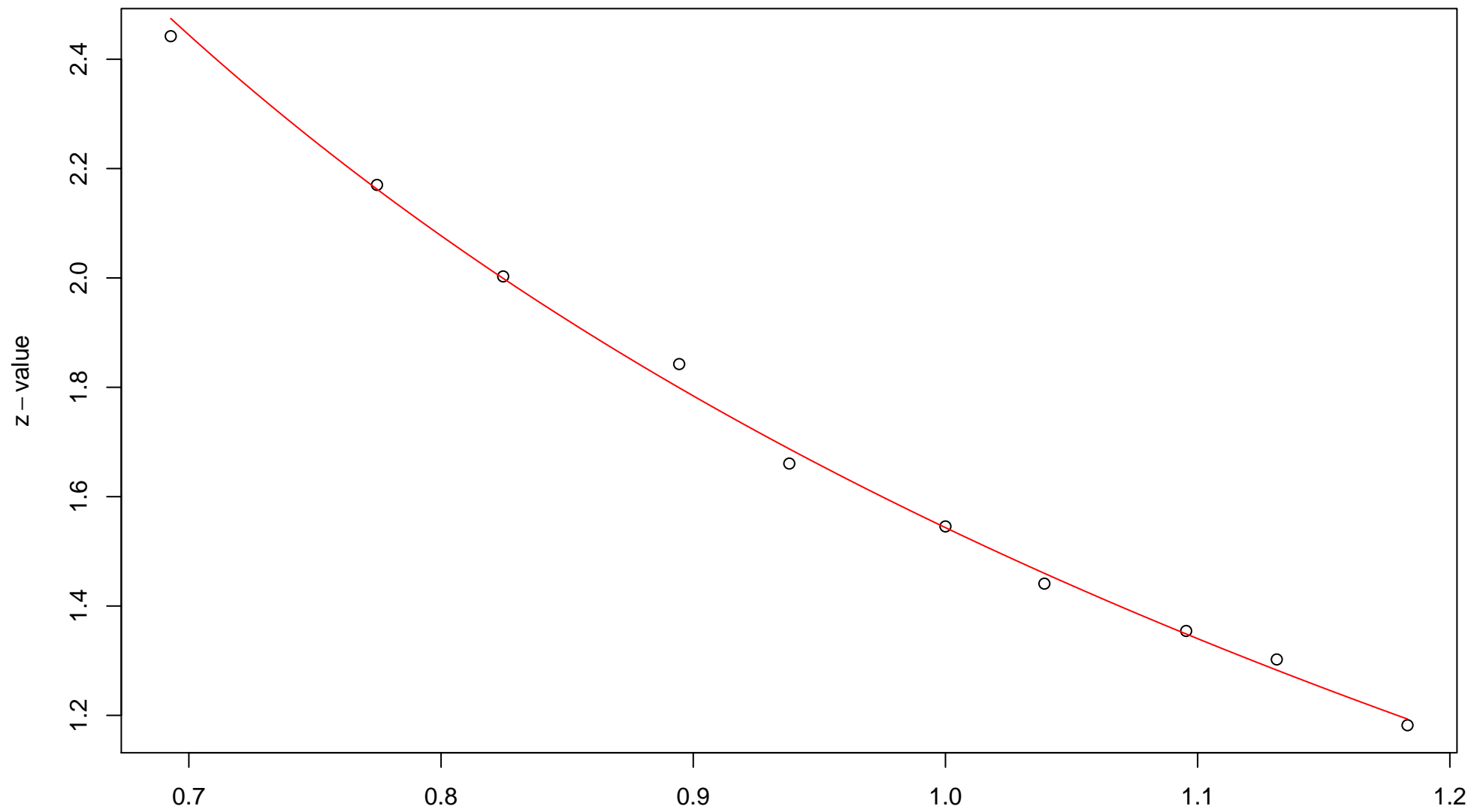
$\sqrt{r}$   
AU = 0.77 , BP = 0.02 , v = 0.63 , c = 1.37 , pchi = 0.01

## 250th edge



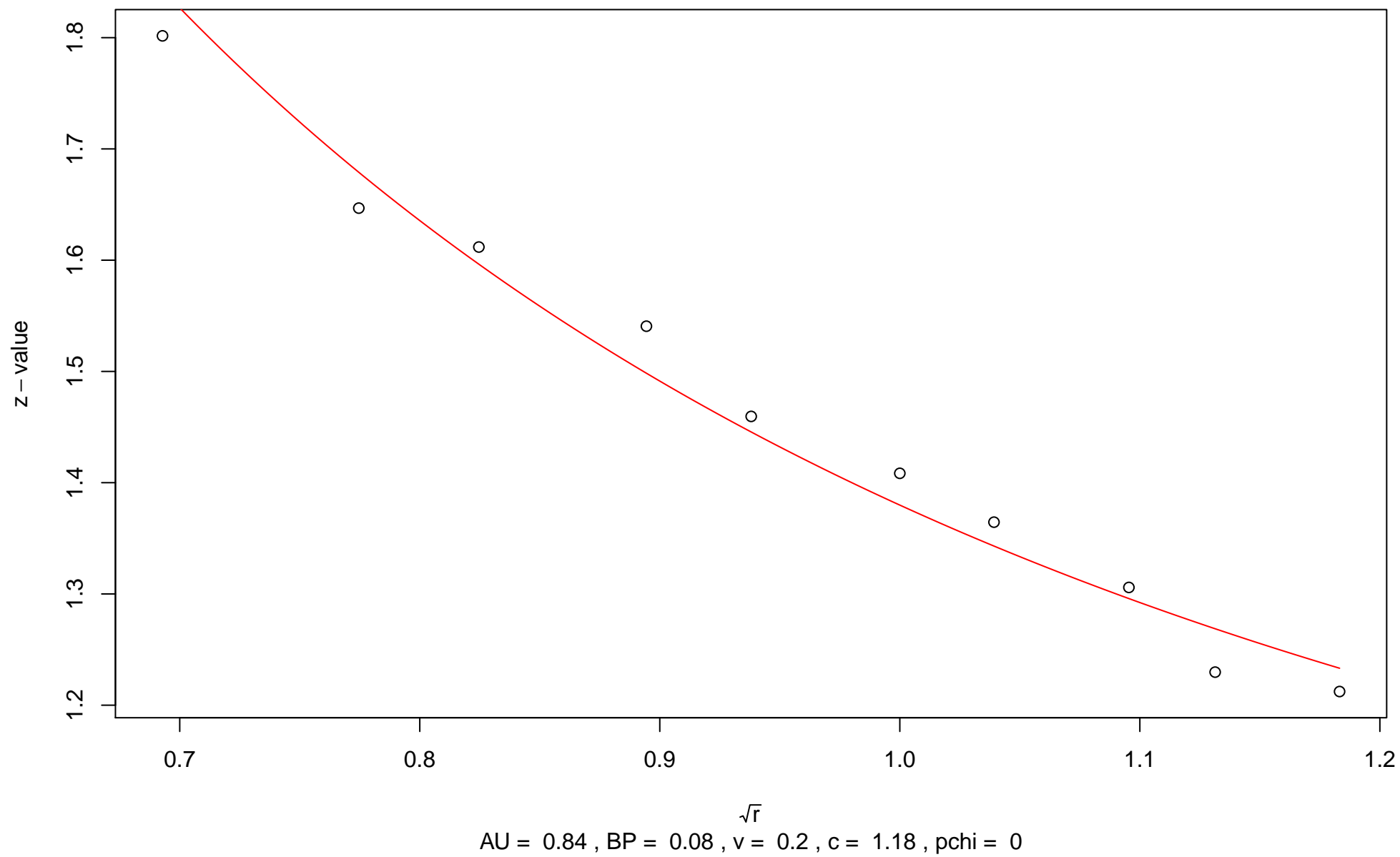
$\sqrt{r}$   
AU = 0.89 , BP = 0.1 ,  $v = 0.03$  ,  $c = 1.28$  ,  $pchi = 0.46$

## 251st edge

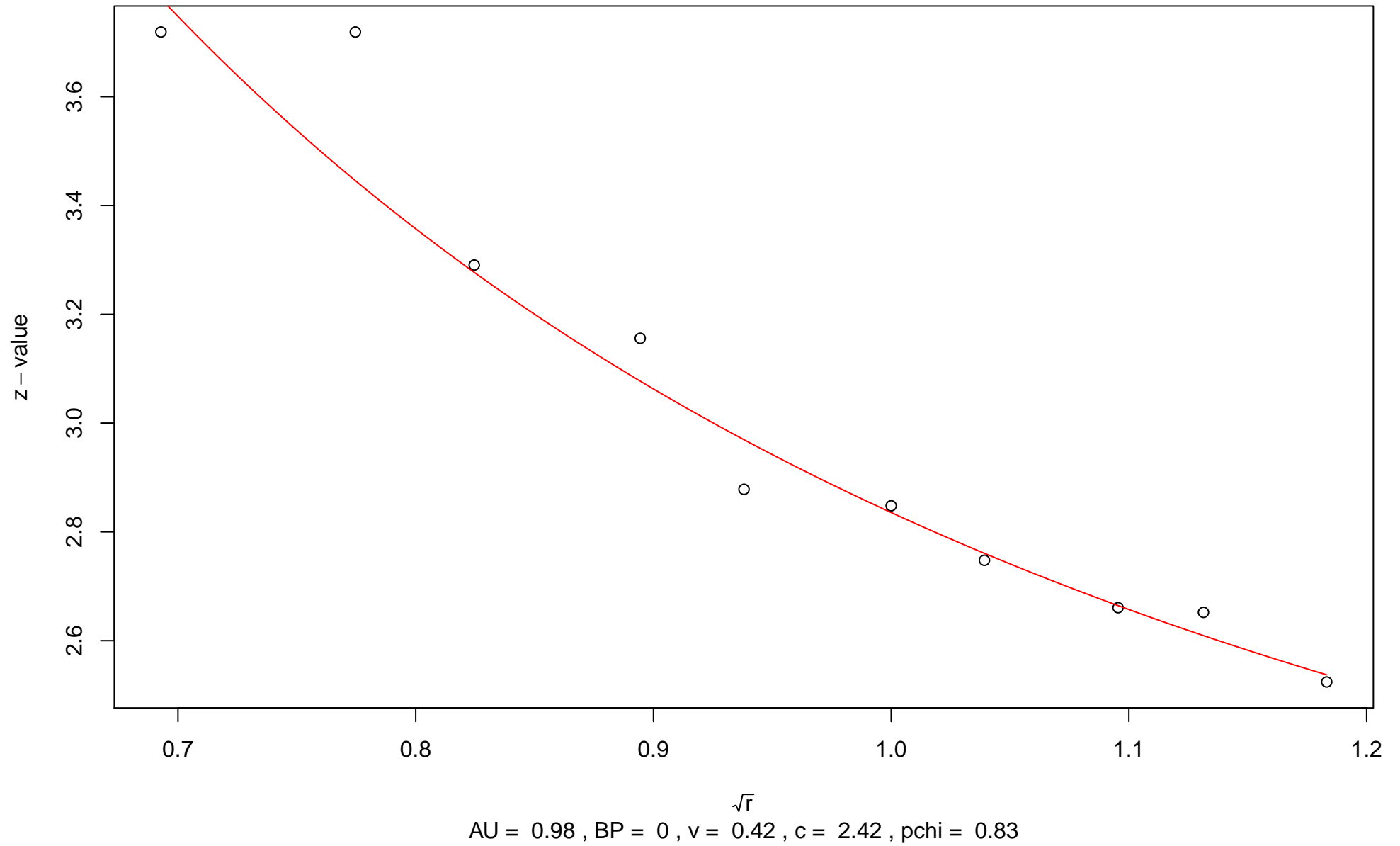


$\sqrt{r}$   
AU = 0.99 , BP = 0.06 ,  $v = -0.33$  ,  $c = 1.87$  , pchi = 0.4

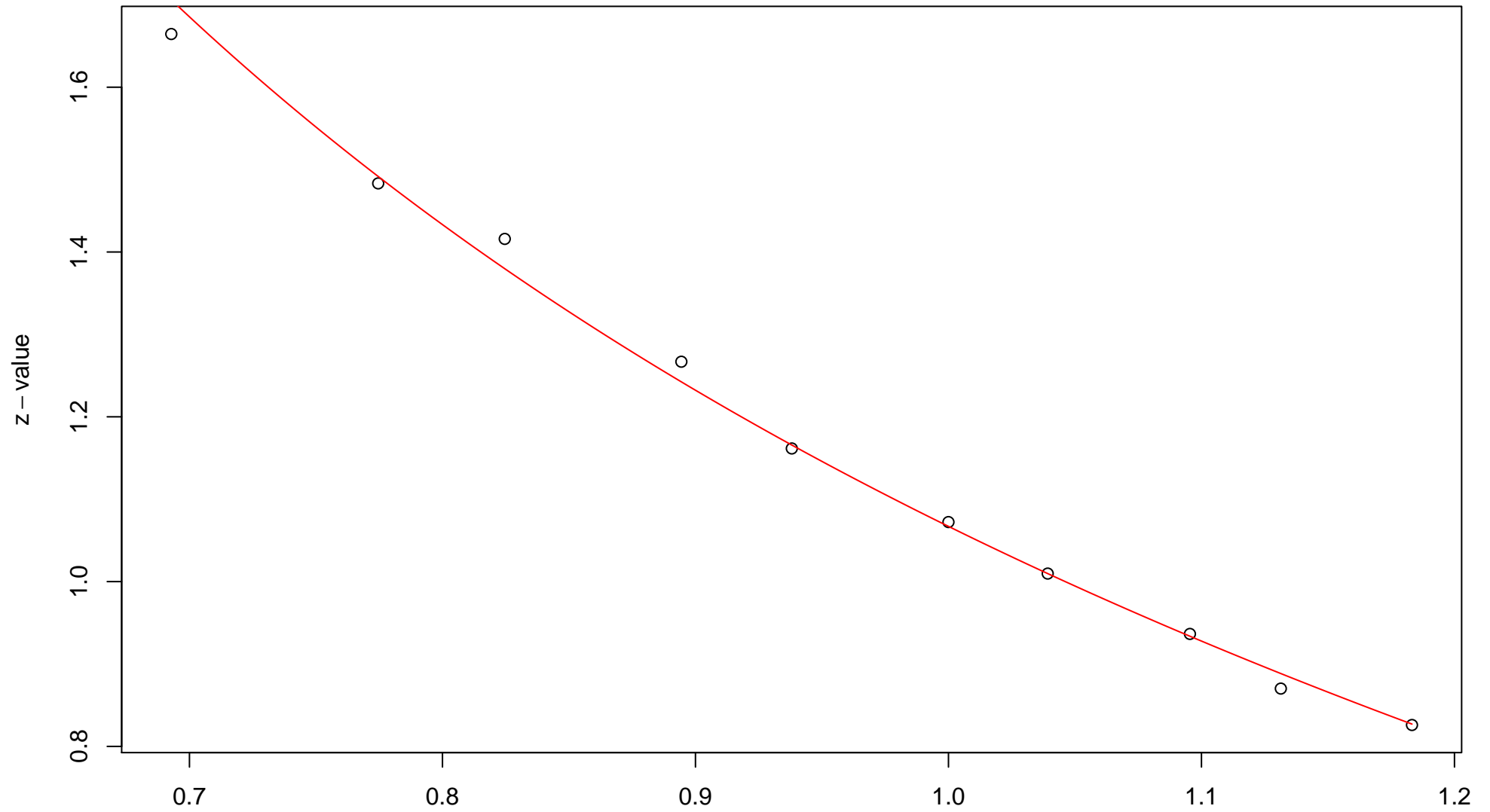
## 252nd edge



## 253rd edge

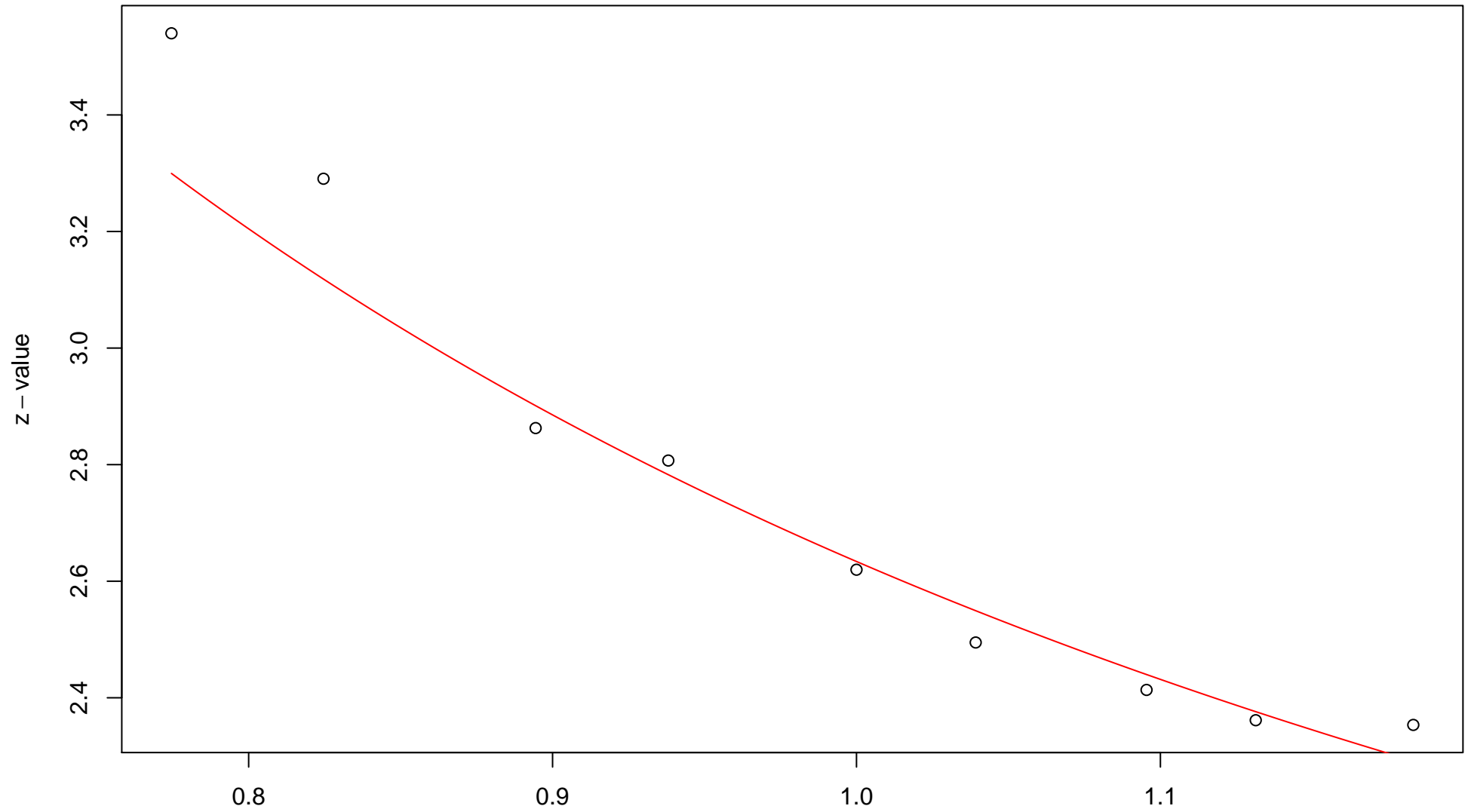


## 254th edge



$\sqrt{r}$   
AU = 0.93 , BP = 0.14 ,  $v = -0.22$  ,  $c = 1.29$  , pchi = 0.16

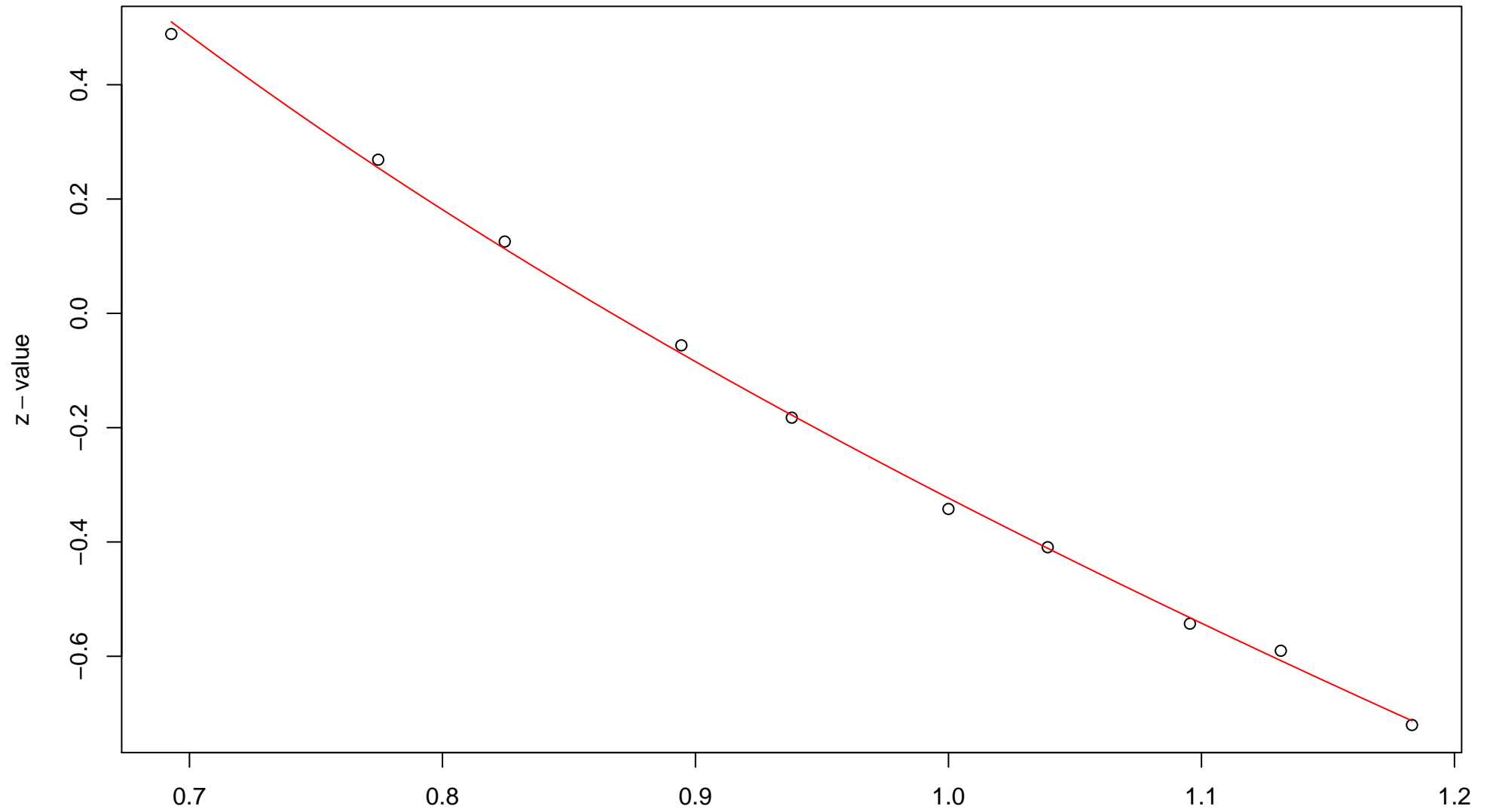
## 255th edge



$\sqrt{r}$   
AU = 0.99 , BP = 0 ,  $v$  = 0.19 ,  $c$  = 2.44 , pchi = 0.28

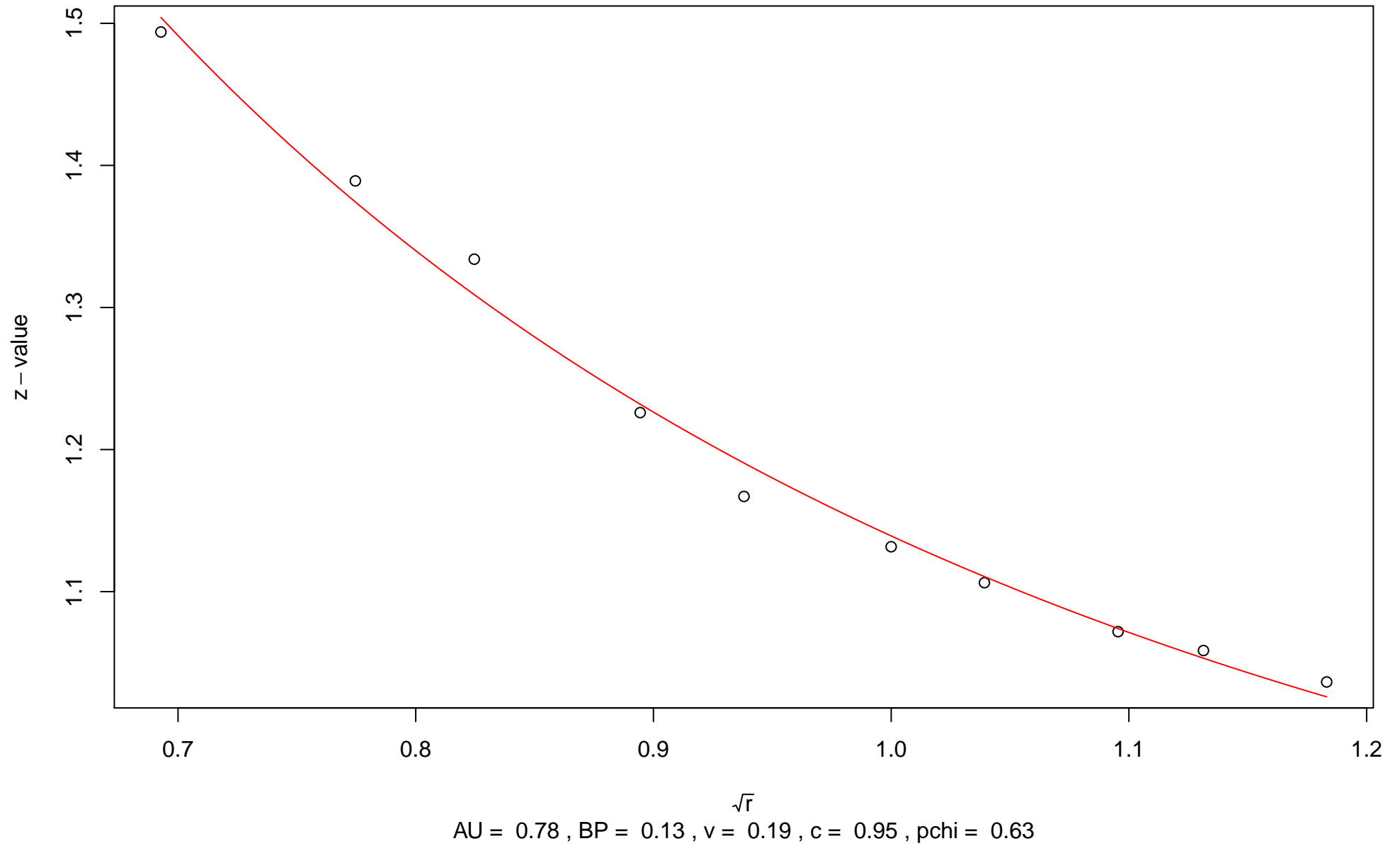


### 256th edge

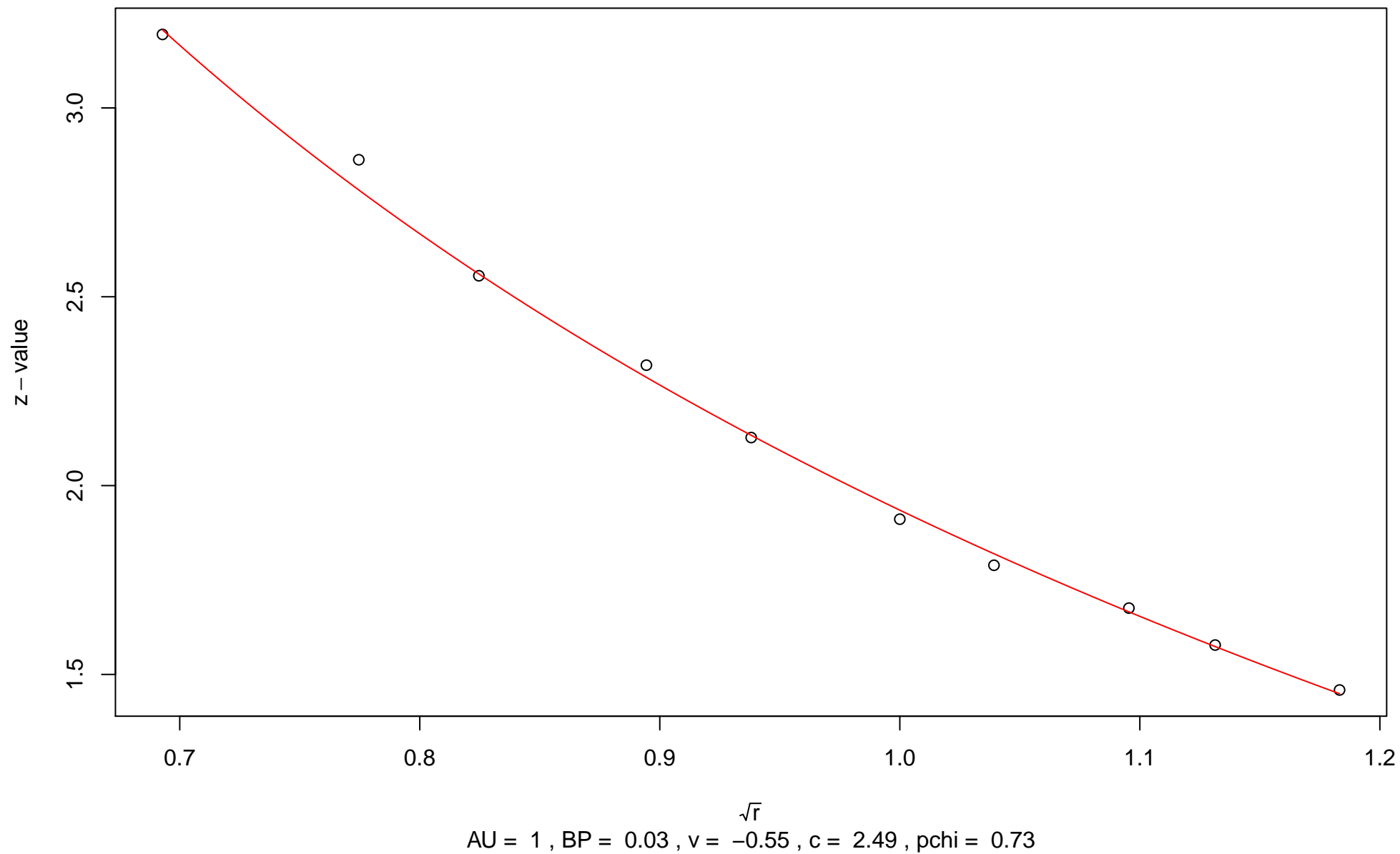


$\sqrt{r}$   
AU = 0.99 , BP = 0.63 ,  $v = -1.3$  , c = 0.98 , pchi = 0.19

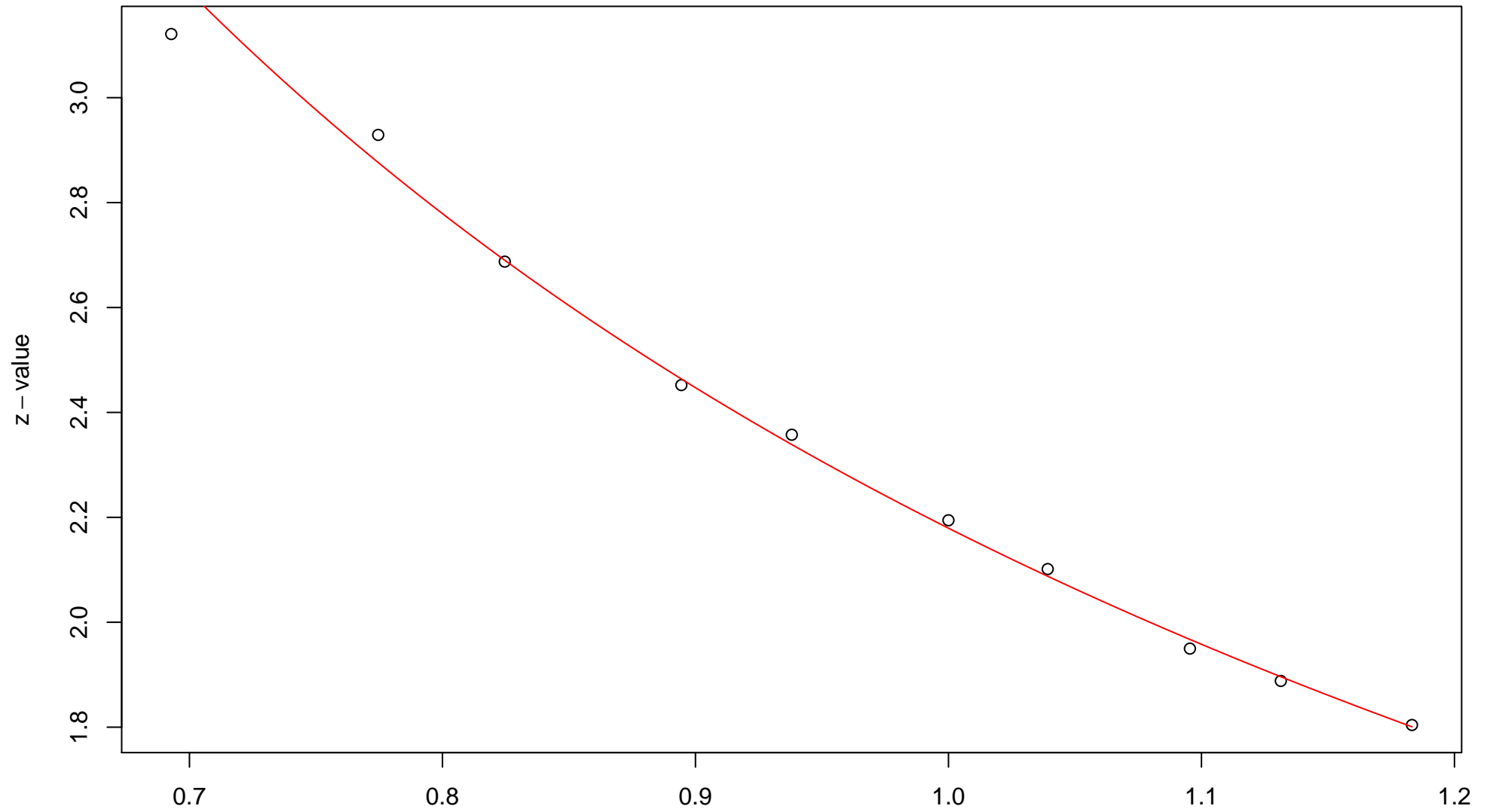
# 257th edge



### 258th edge

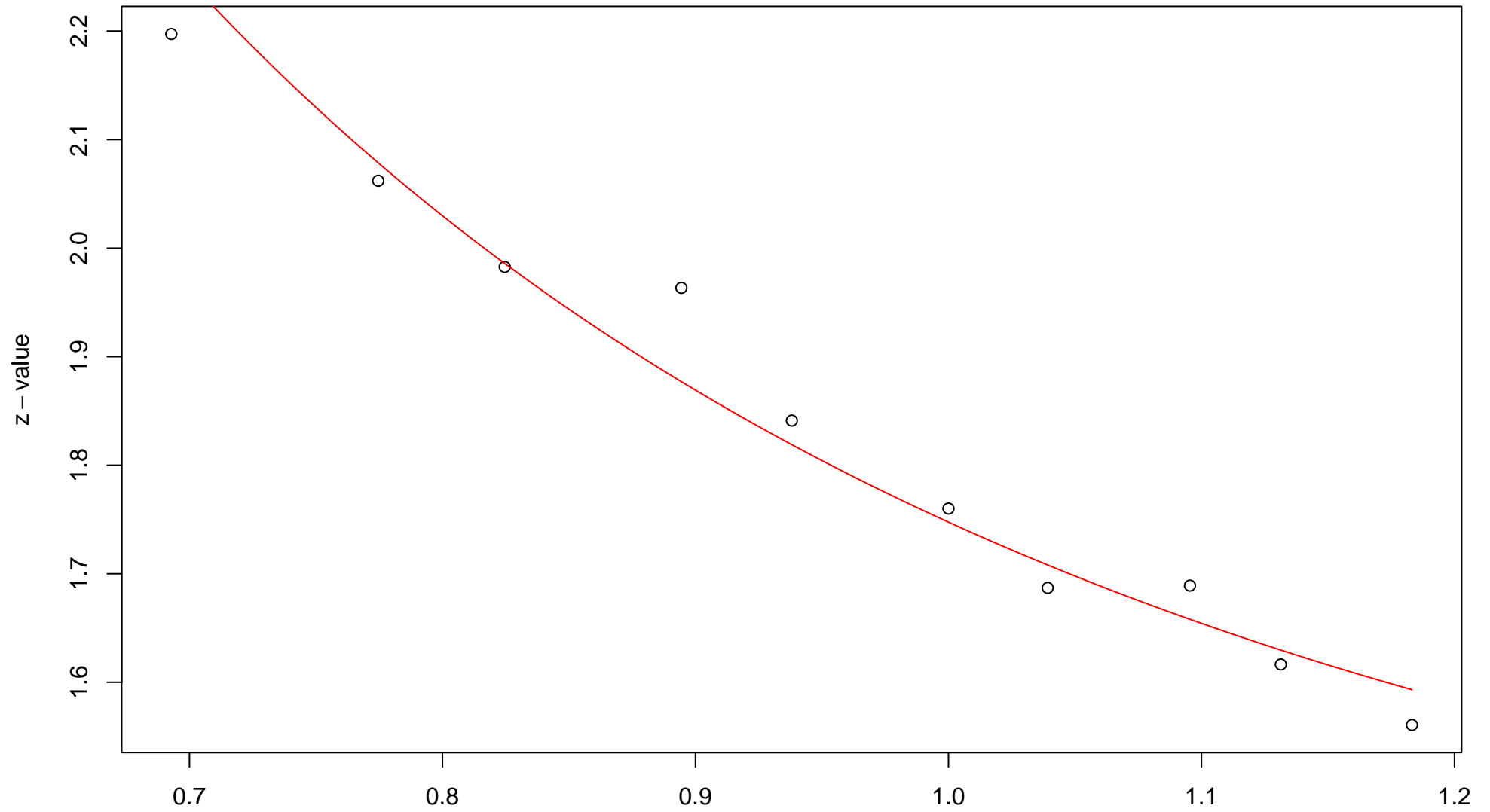


### 259th edge



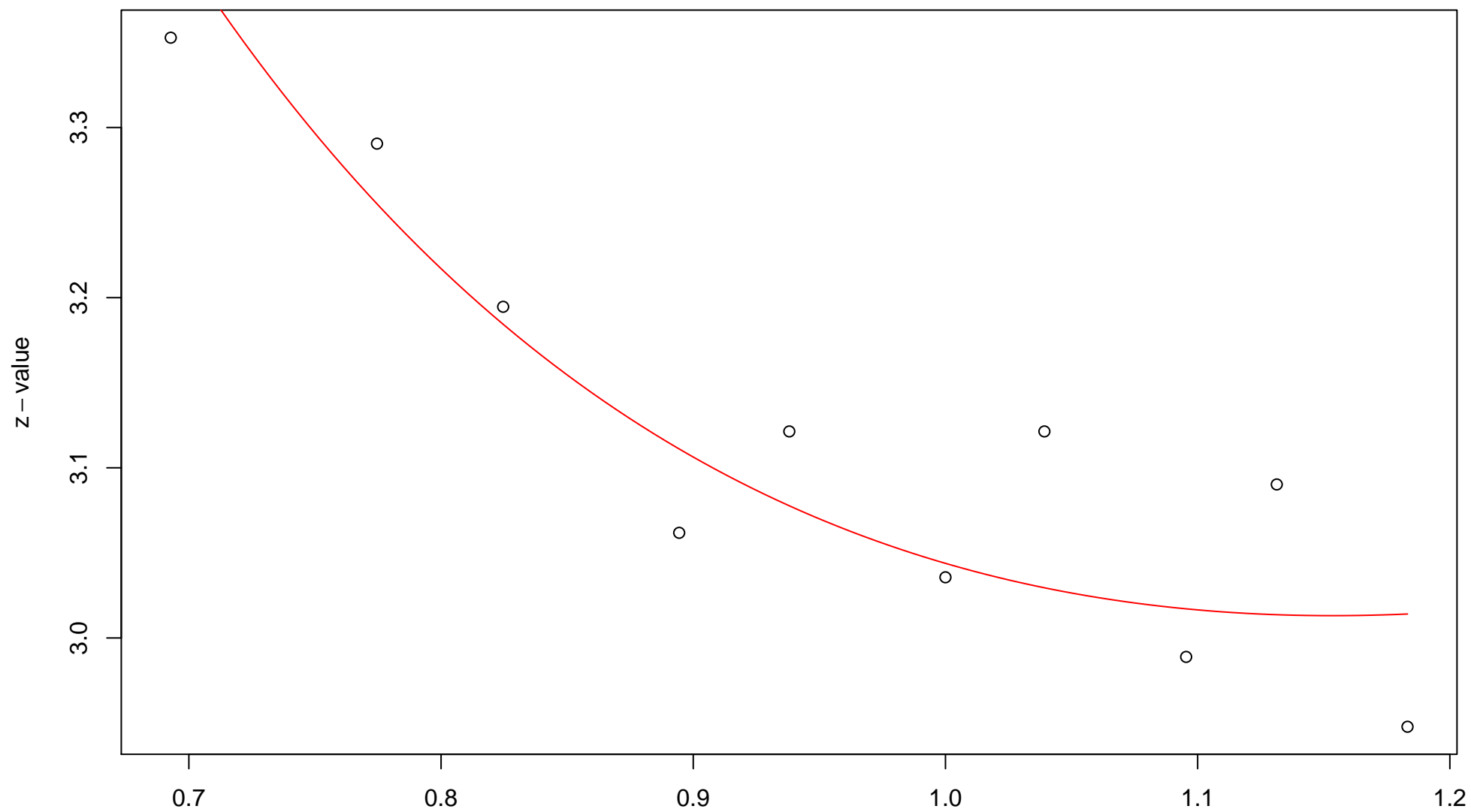
$\sqrt{r}$   
AU = 0.99 , BP = 0.01 ,  $v = -0.12$  ,  $c = 2.3$  , pchi = 0.92

# 260th edge



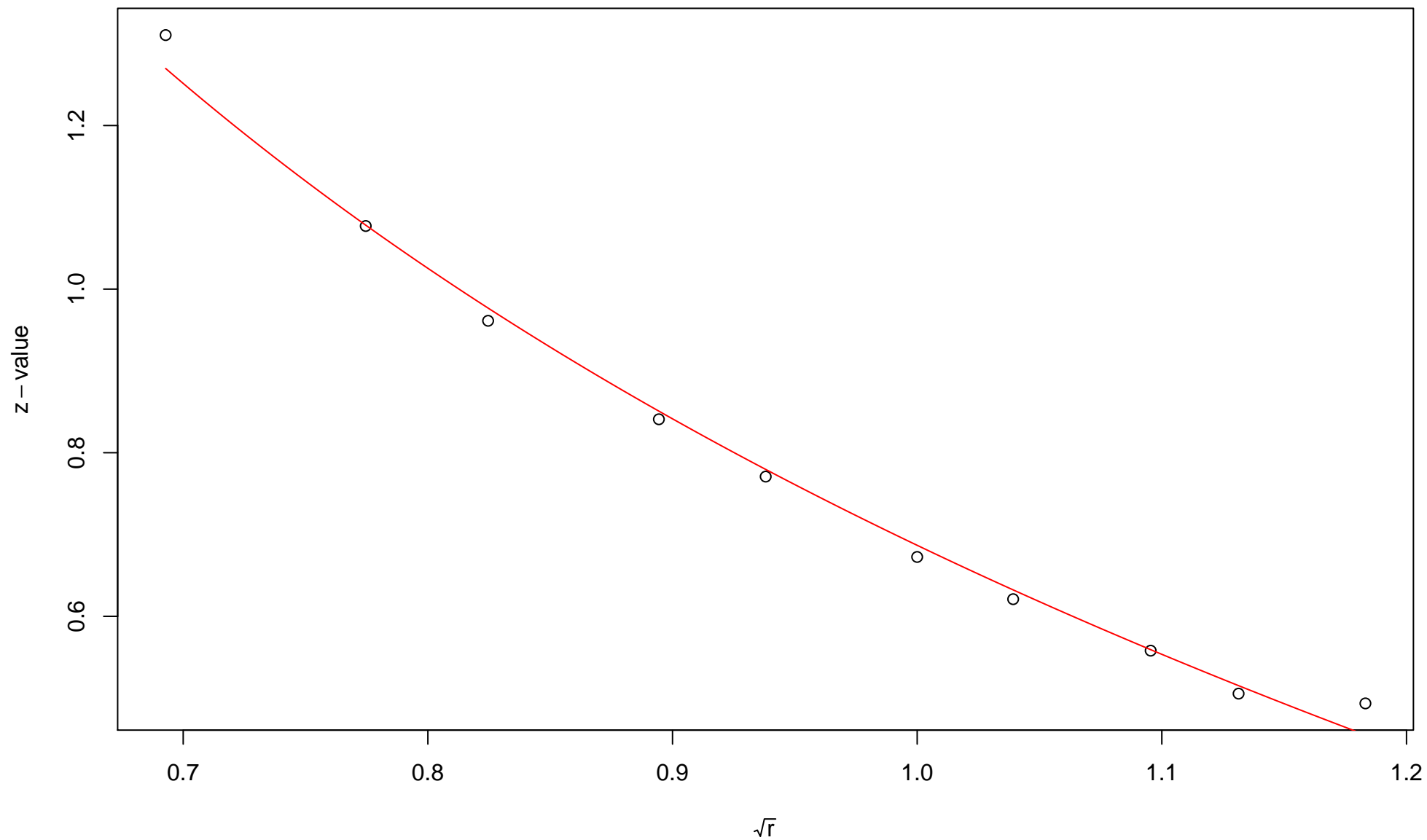
$\sqrt{r}$   
AU = 0.86 , BP = 0.04 ,  $v$  = 0.34 ,  $c$  = 1.4 , pchi = 0

## 261st edge



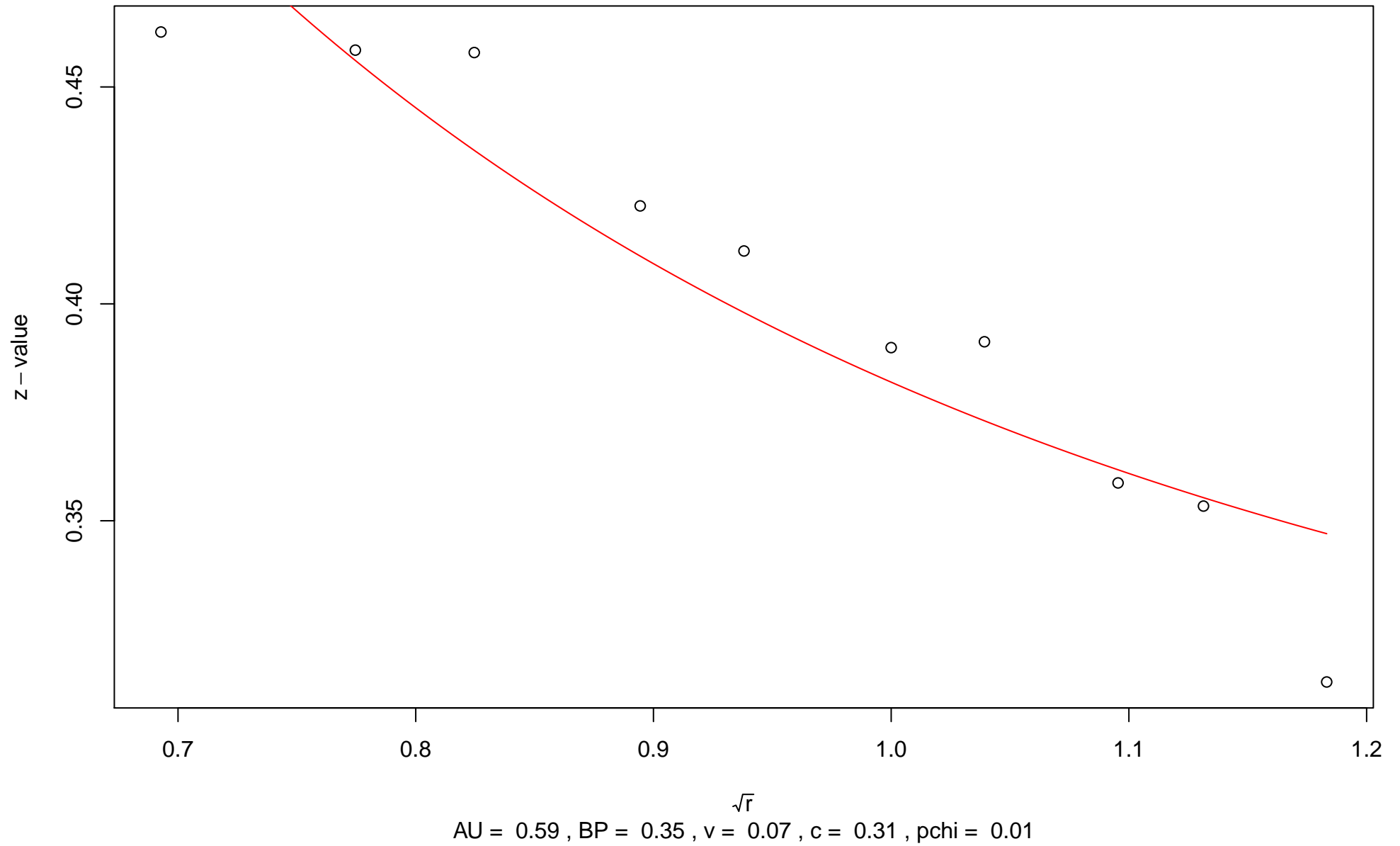
$\sqrt{r}$   
AU = 0.67 , BP = 0 ,  $v = 1.31$  ,  $c = 1.74$  ,  $pchi = 0.92$

## 262nd edge



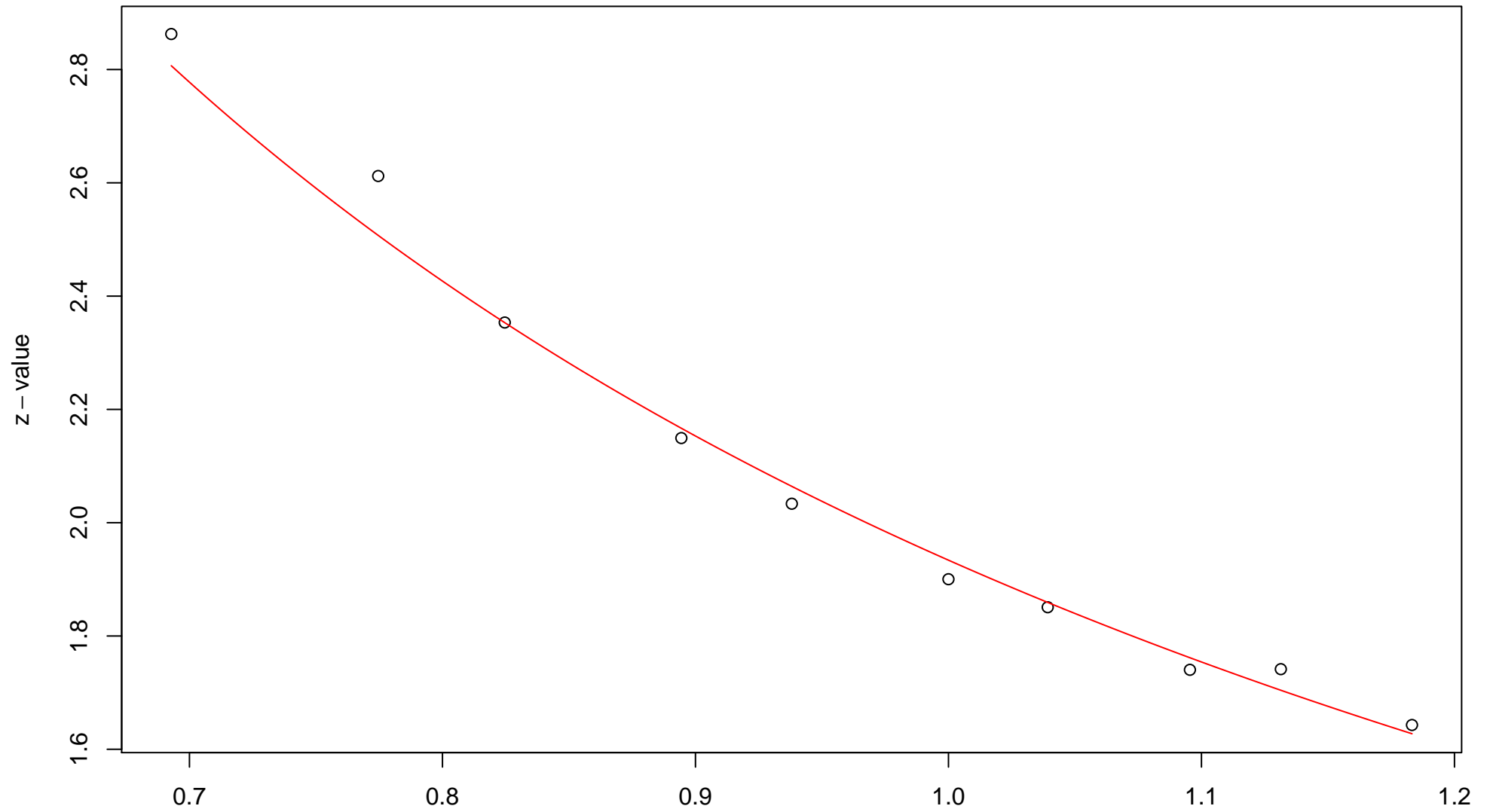
$\sqrt{r}$   
AU = 0.92 , BP = 0.25 ,  $v = -0.37$  ,  $c = 1.06$  , pchi = 0.02

# 263rd edge



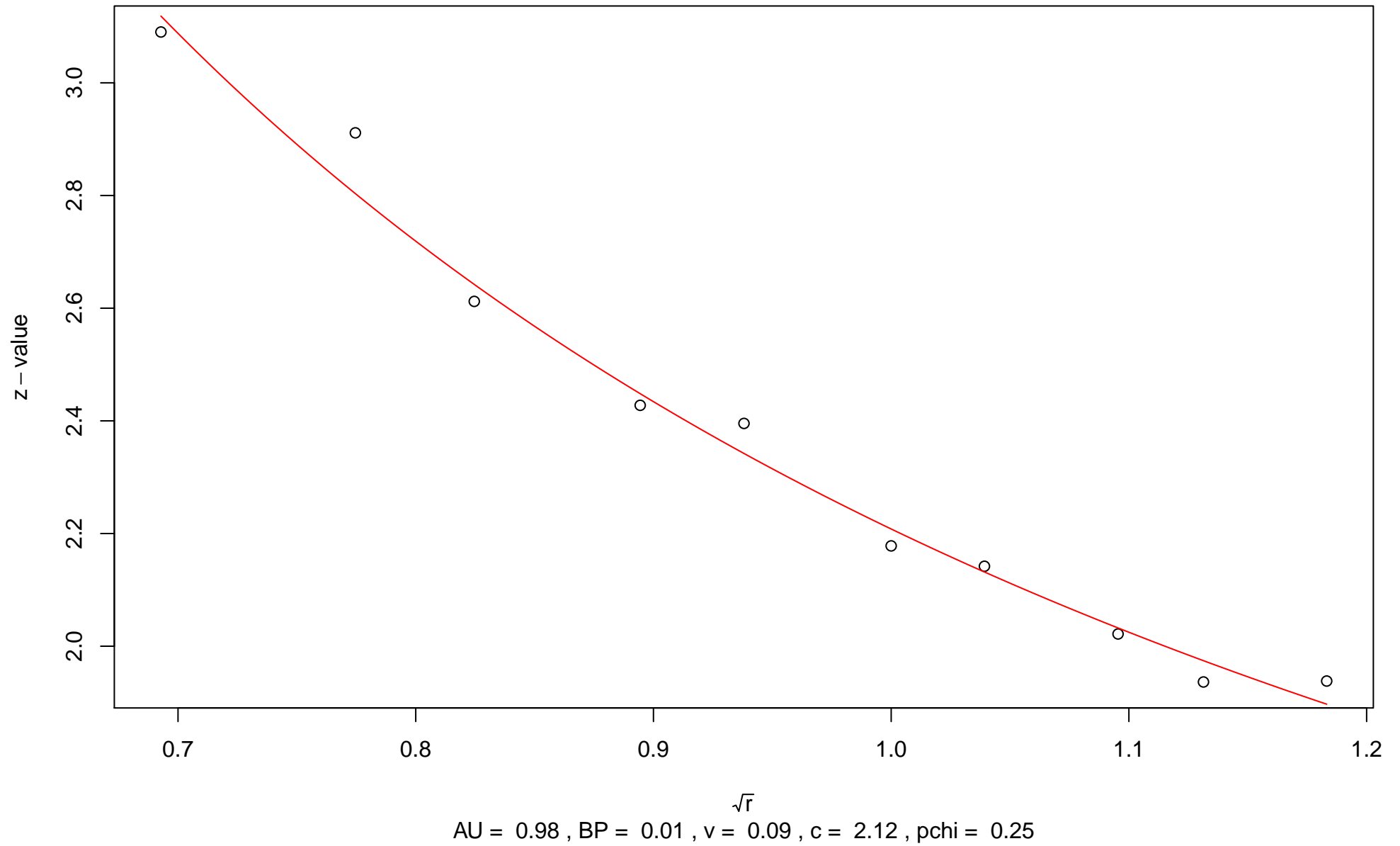


## 264th edge

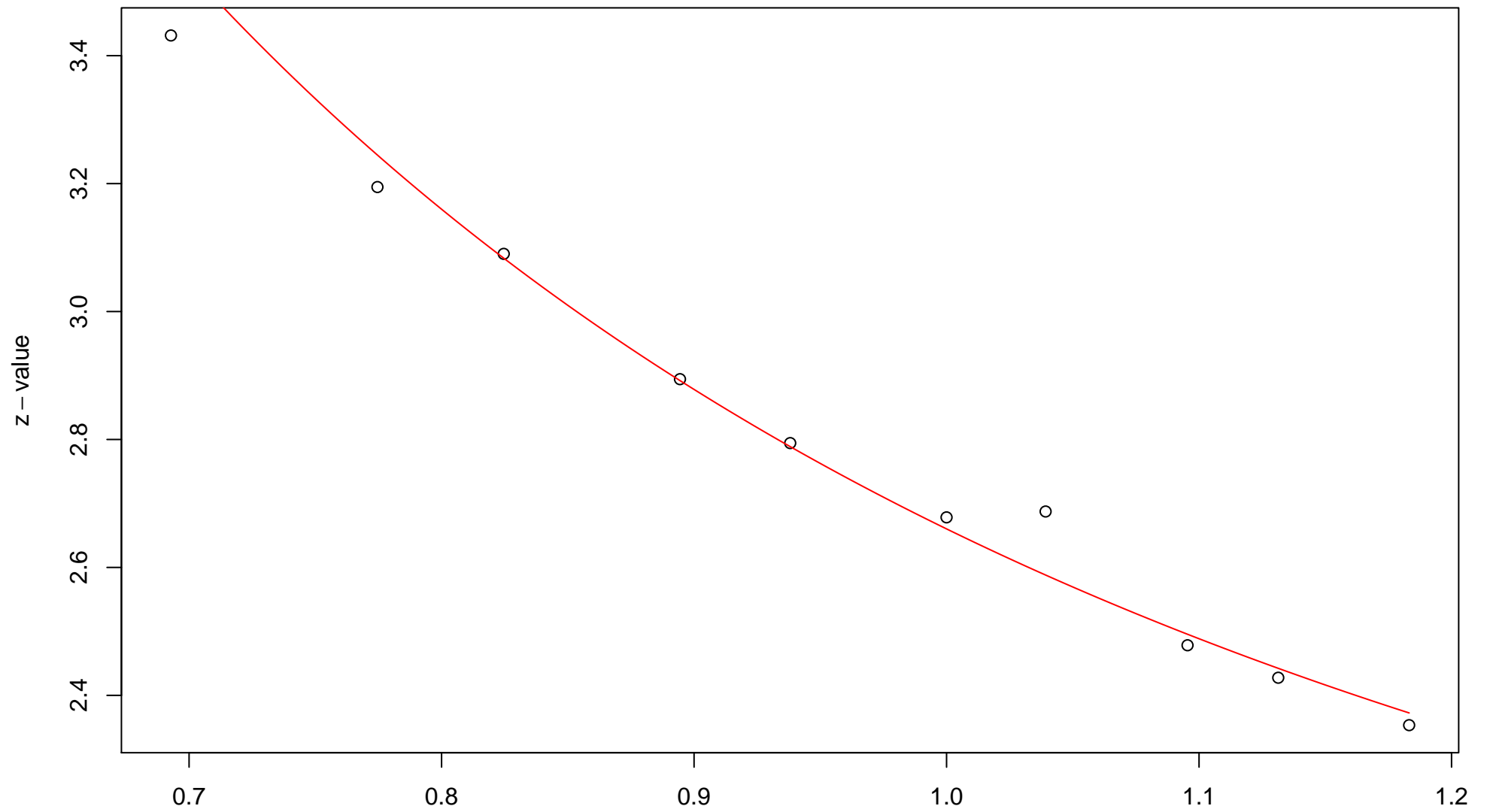


$\sqrt{r}$   
AU = 0.98 , BP = 0.03 ,  $v$  = -0.02 ,  $c$  = 1.95 , pchi = 0.14

## 265th edge

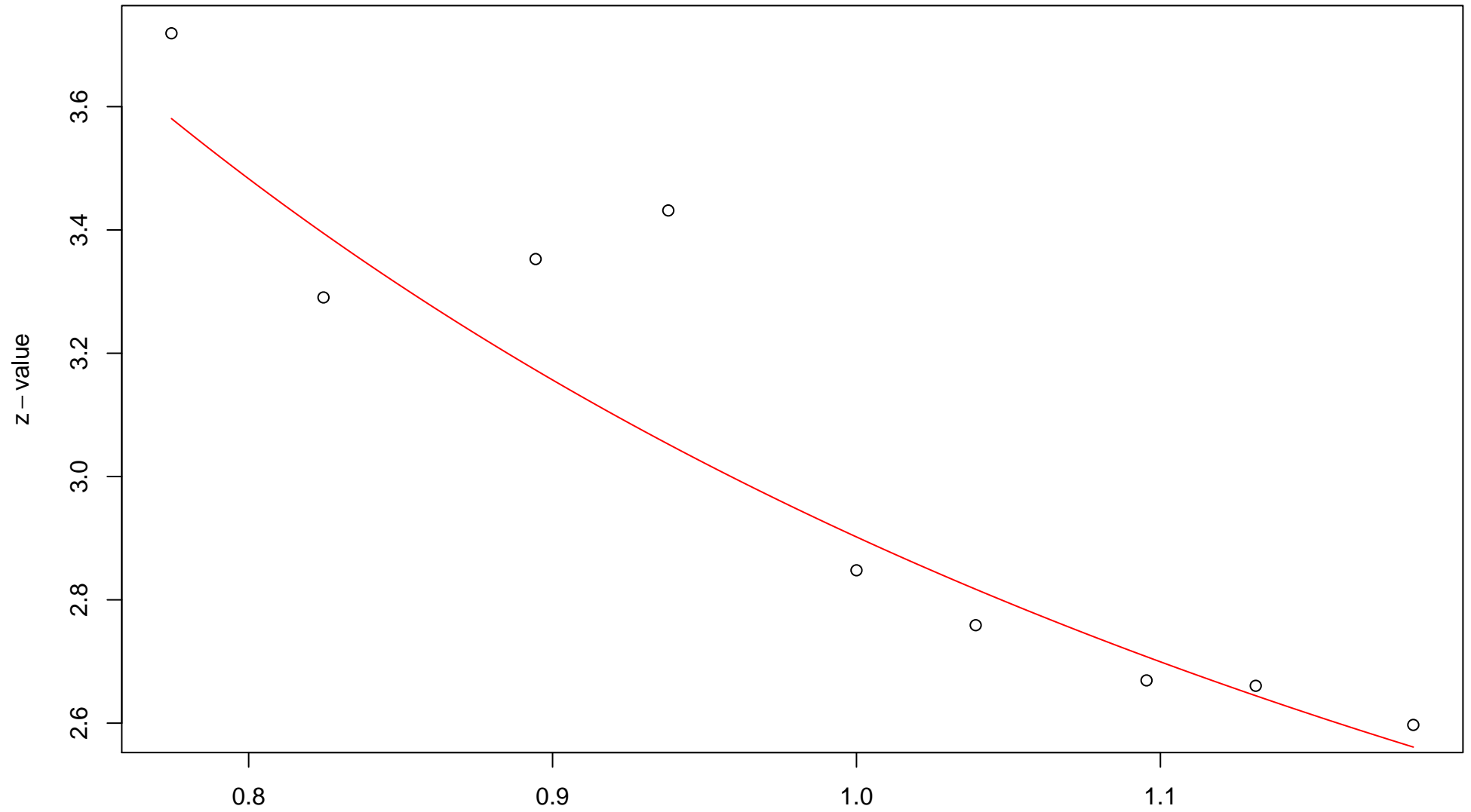


## 266th edge



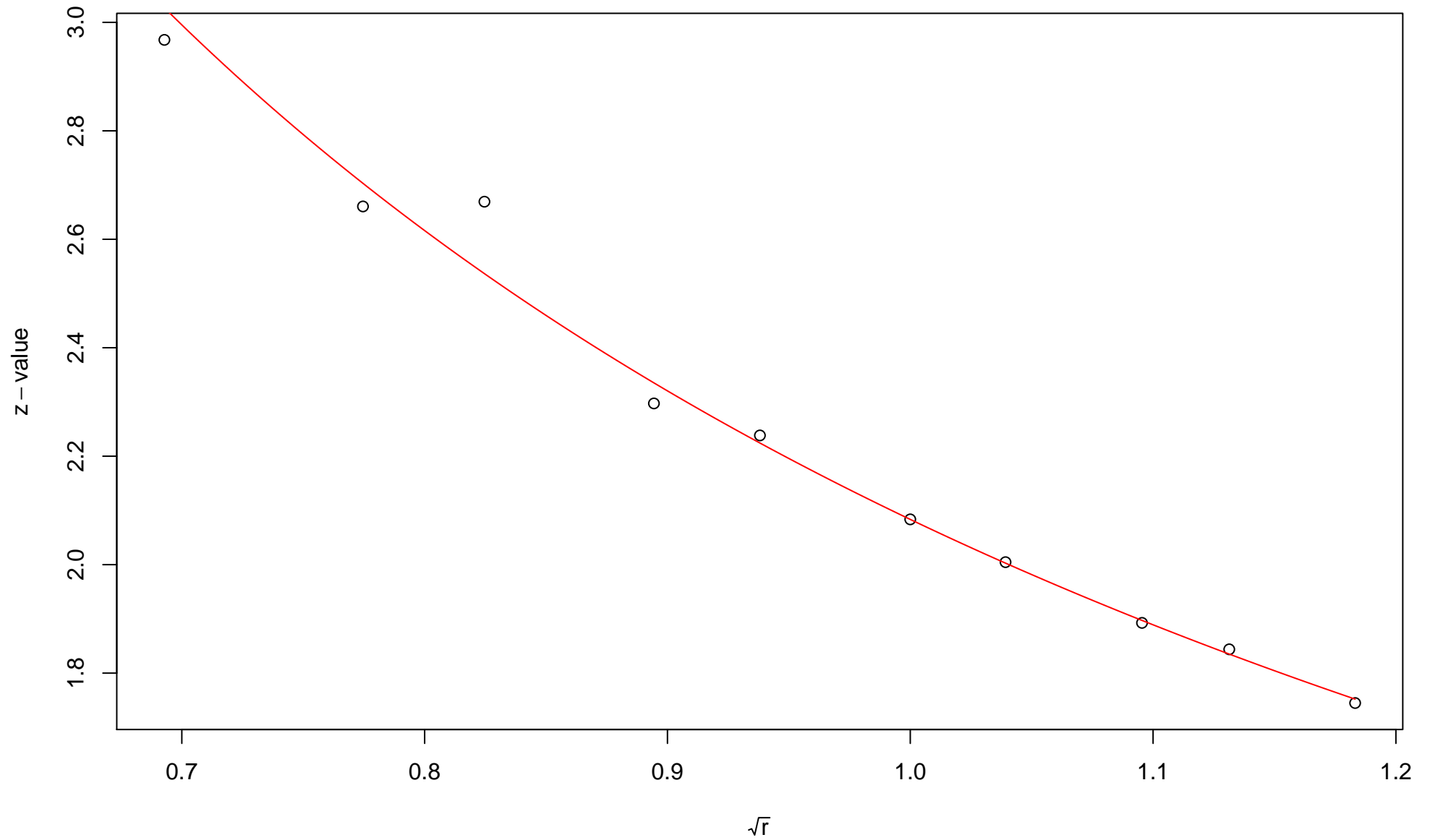
$\sqrt{r}$   
AU = 0.97 , BP = 0 ,  $v = 0.37$  ,  $c = 2.29$  ,  $pchi = 0.78$

## 267th edge



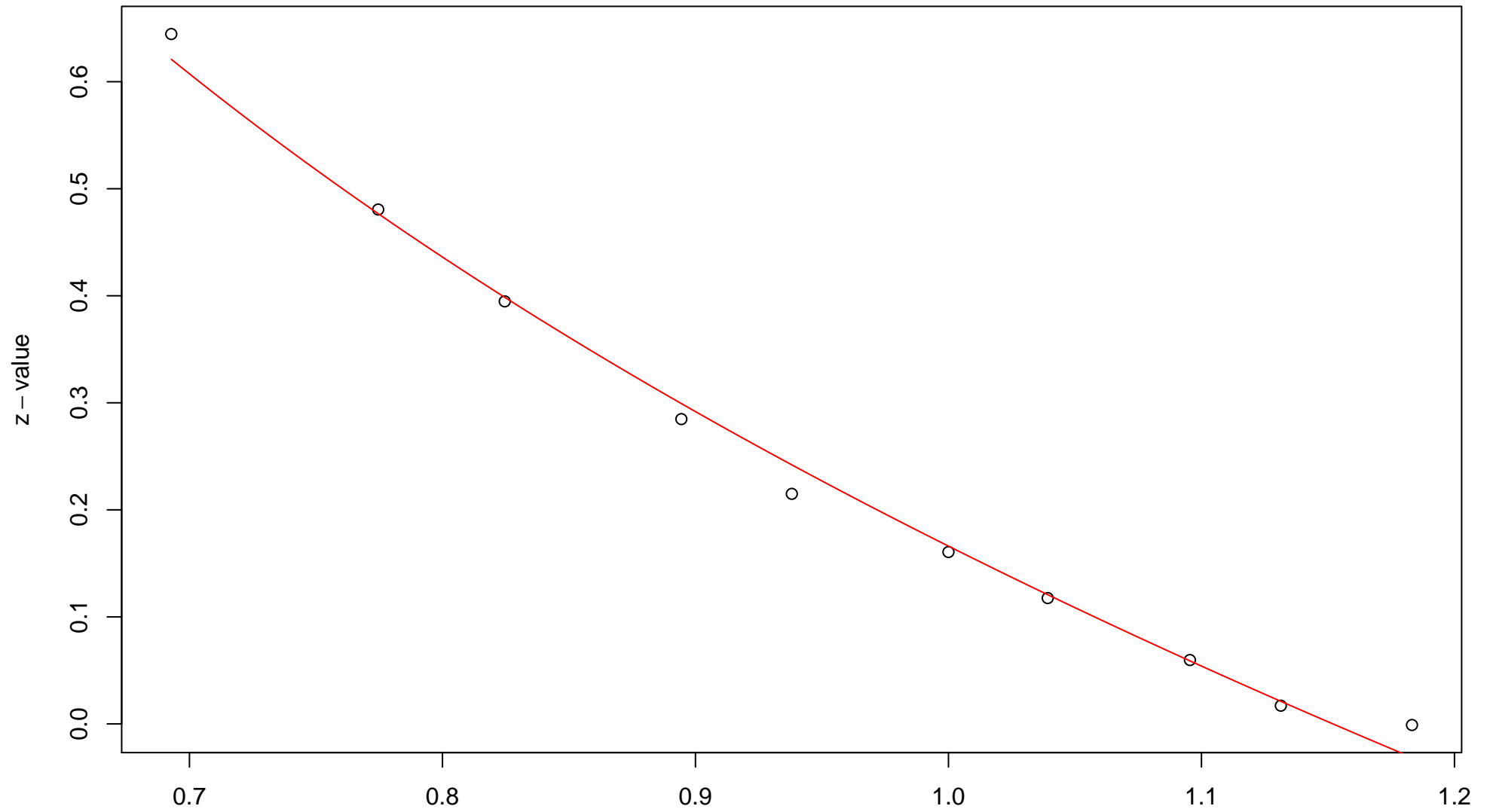
$\sqrt{r}$   
AU = 0.99 , BP = 0 ,  $v = 0.32$  ,  $c = 2.58$  ,  $pchi = 0.13$

# 268th edge



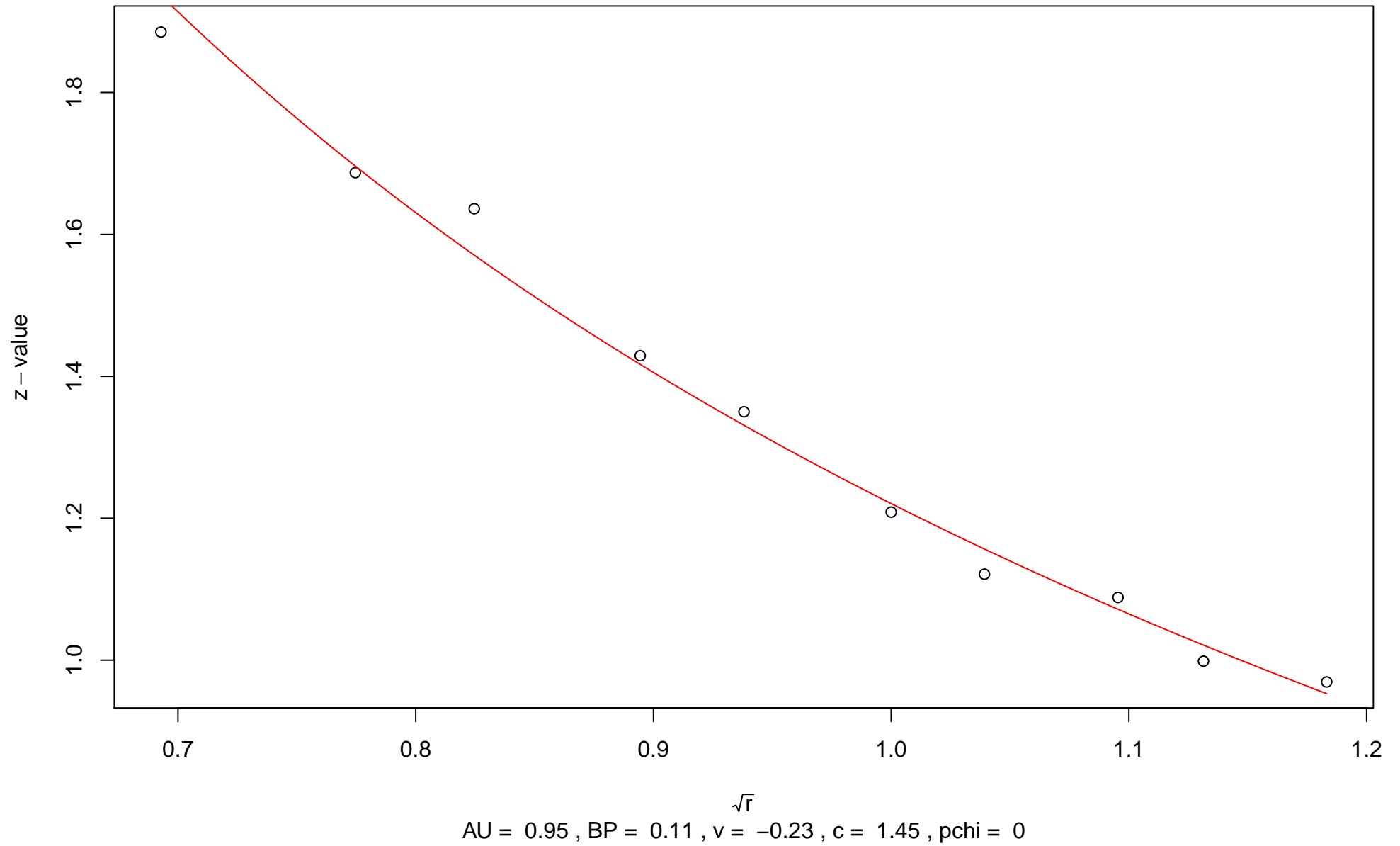
$\sqrt{r}$   
AU = 0.98 , BP = 0.02 ,  $v$  = -0.03 ,  $c$  = 2.11 , pchi = 0.37

### 269th edge

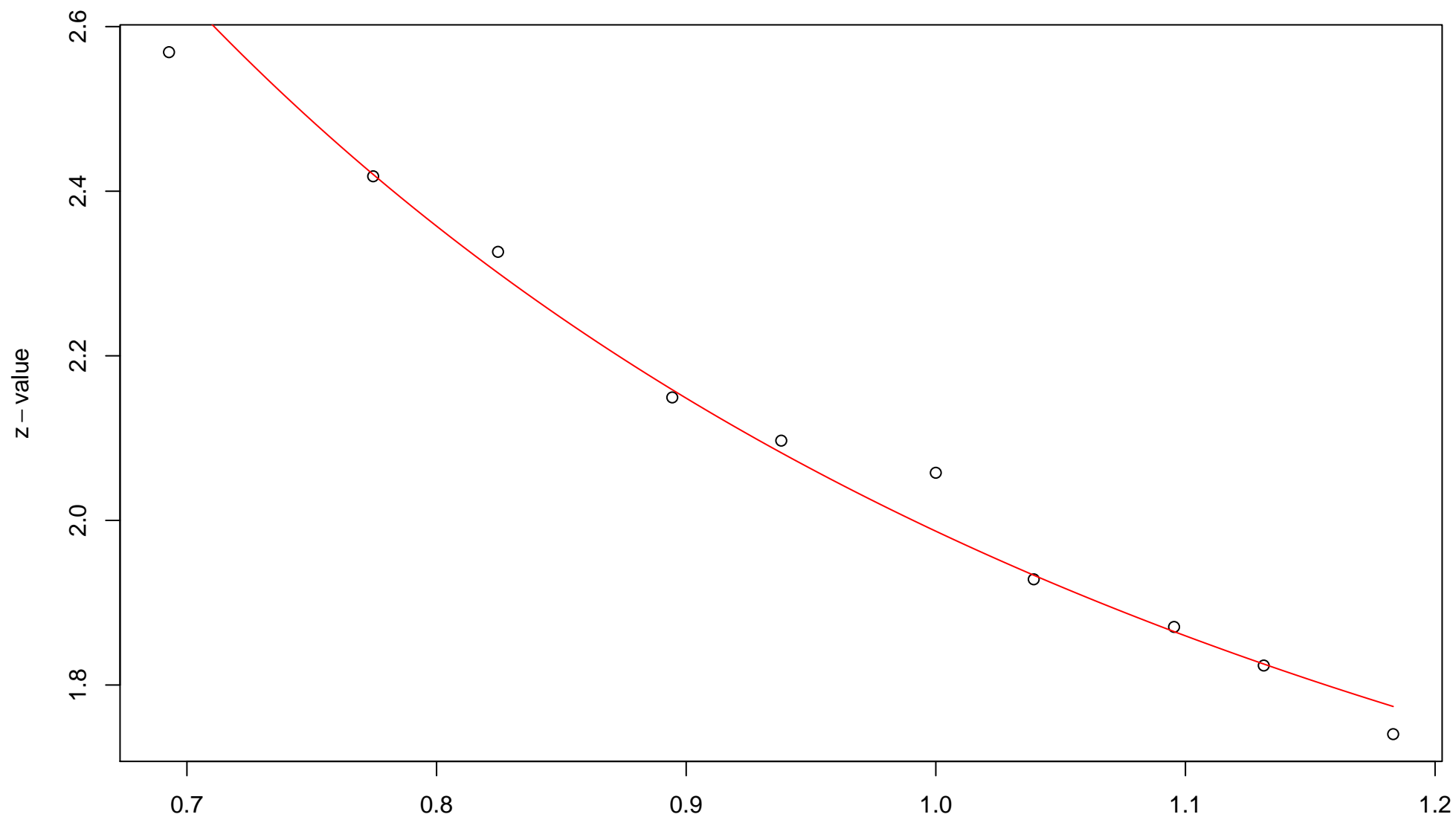


$\sqrt{r}$   
AU = 0.88 , BP = 0.43 ,  $v = -0.51$  ,  $c = 0.67$  , pchi = 0.05

# 270th edge



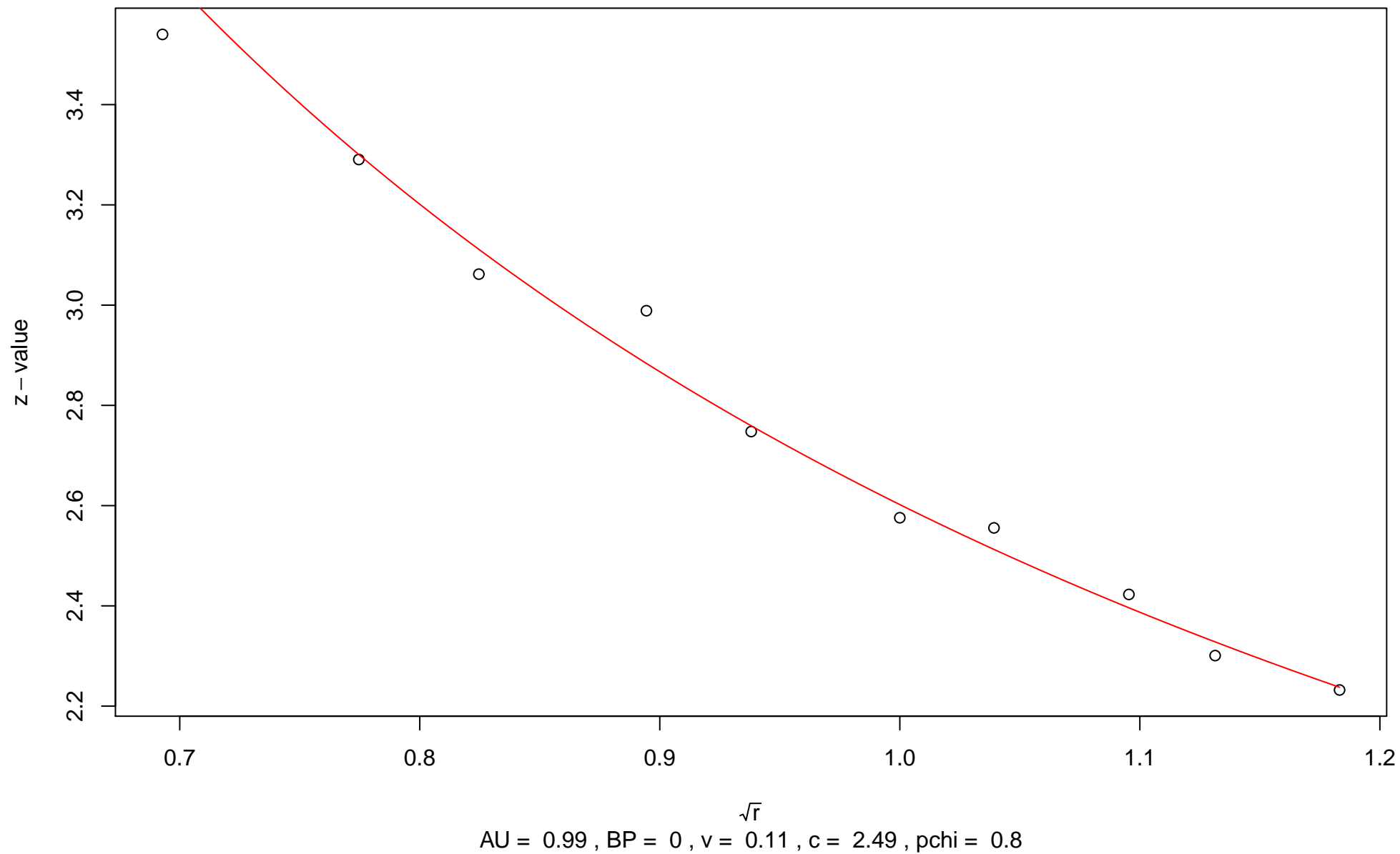
# 271st edge



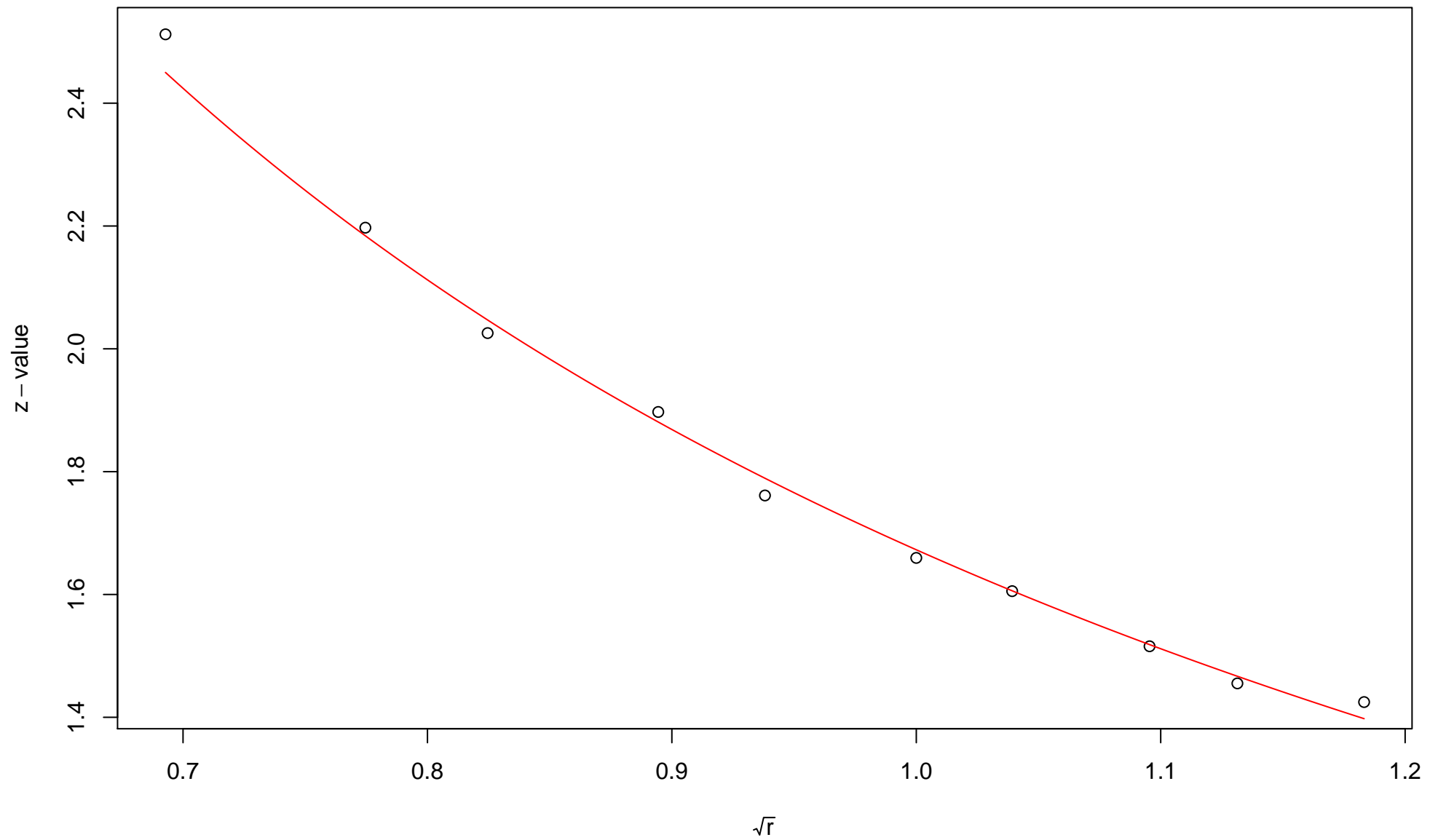
$\sqrt{r}$   
AU = 0.92 , BP = 0.02 , v = 0.28 , c = 1.71 , pchi = 0.13



## 272nd edge

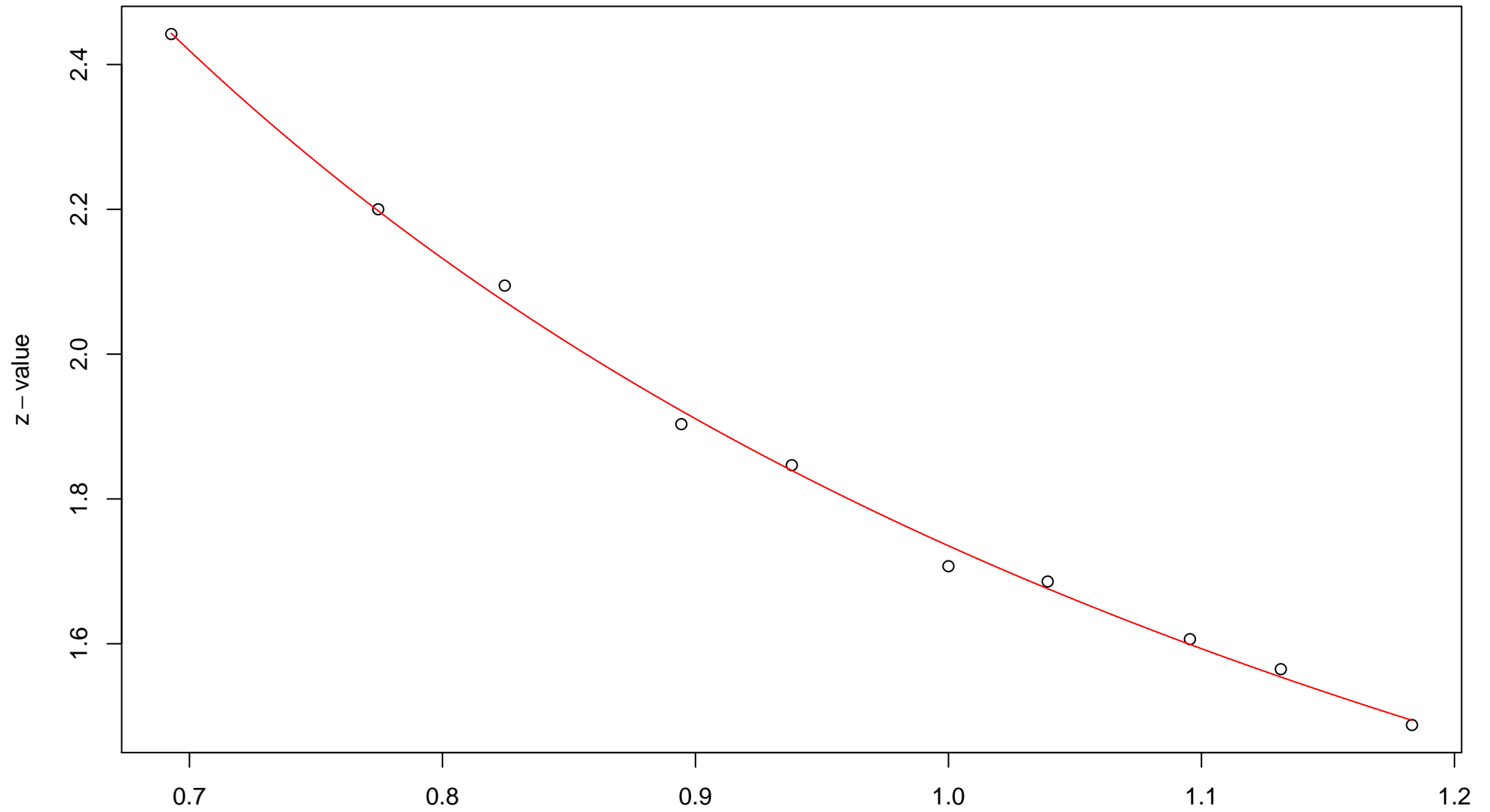


## 273rd edge



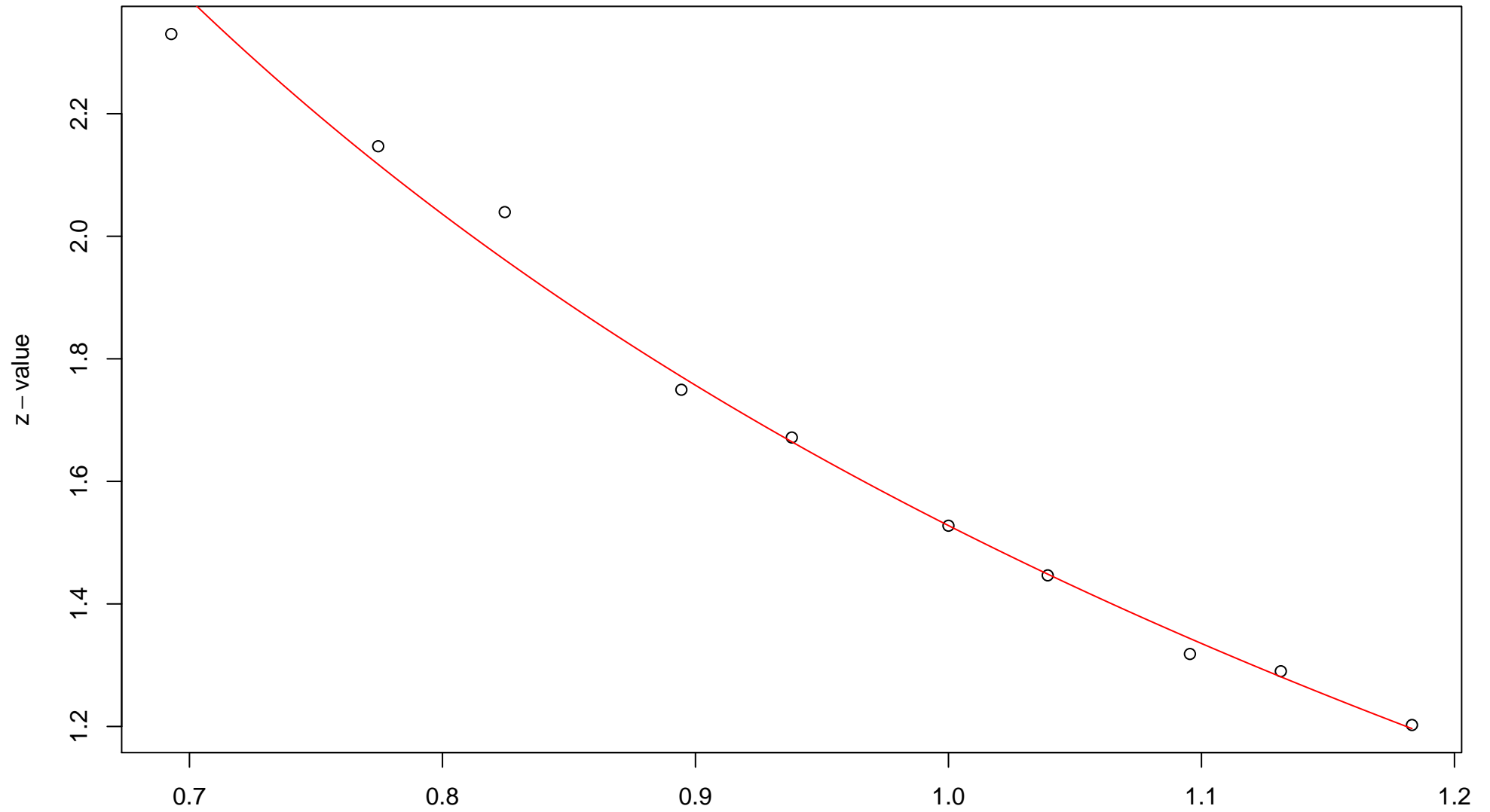
$\sqrt{r}$   
AU = 0.96 , BP = 0.05 ,  $v$  = -0.05 ,  $c$  = 1.72 , pchi = 0.49

### 274th edge



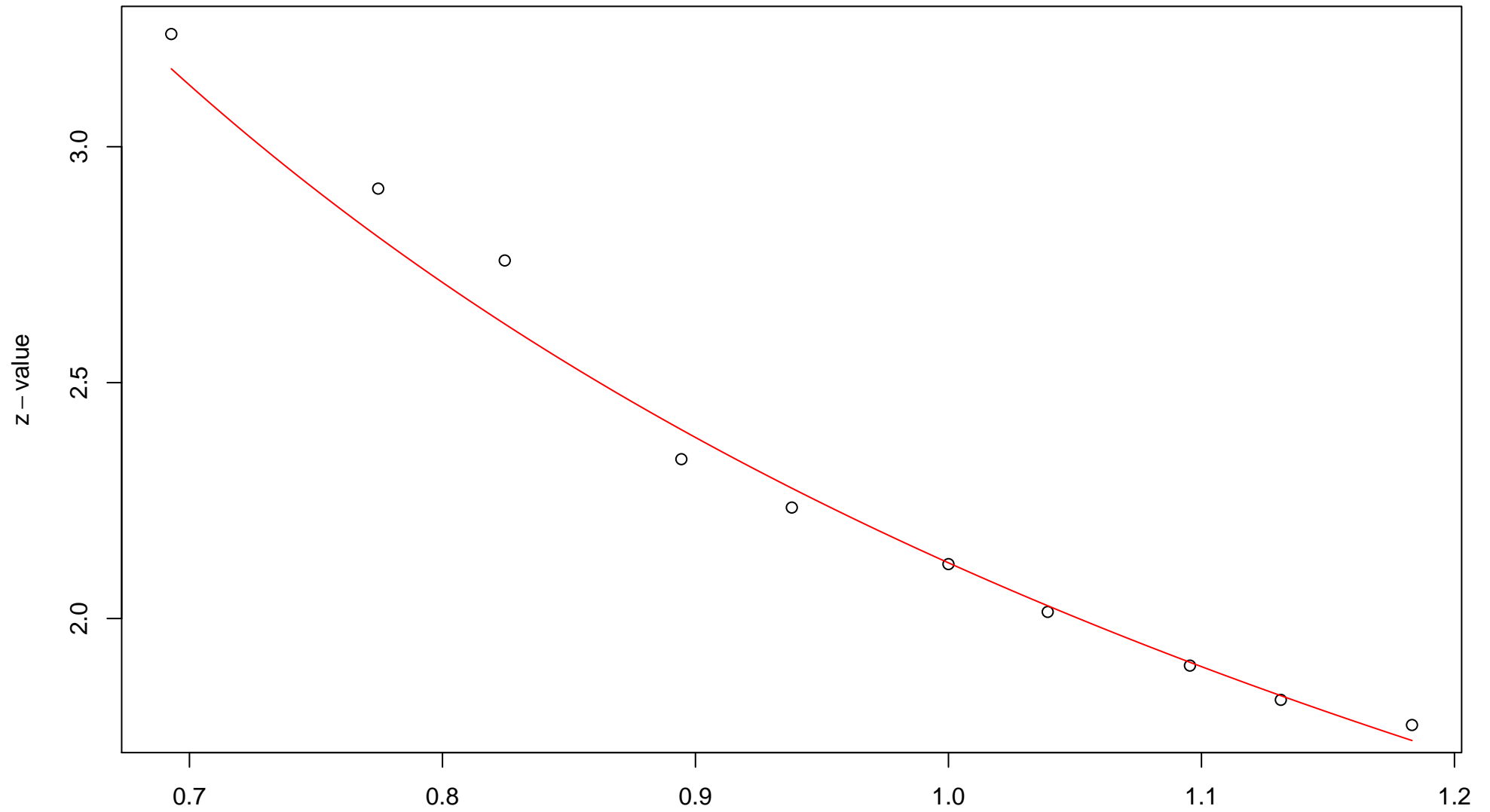
$\sqrt{r}$   
AU = 0.94 , BP = 0.04 ,  $v$  = 0.08 ,  $c$  = 1.65 , pchi = 0.9

### 275th edge



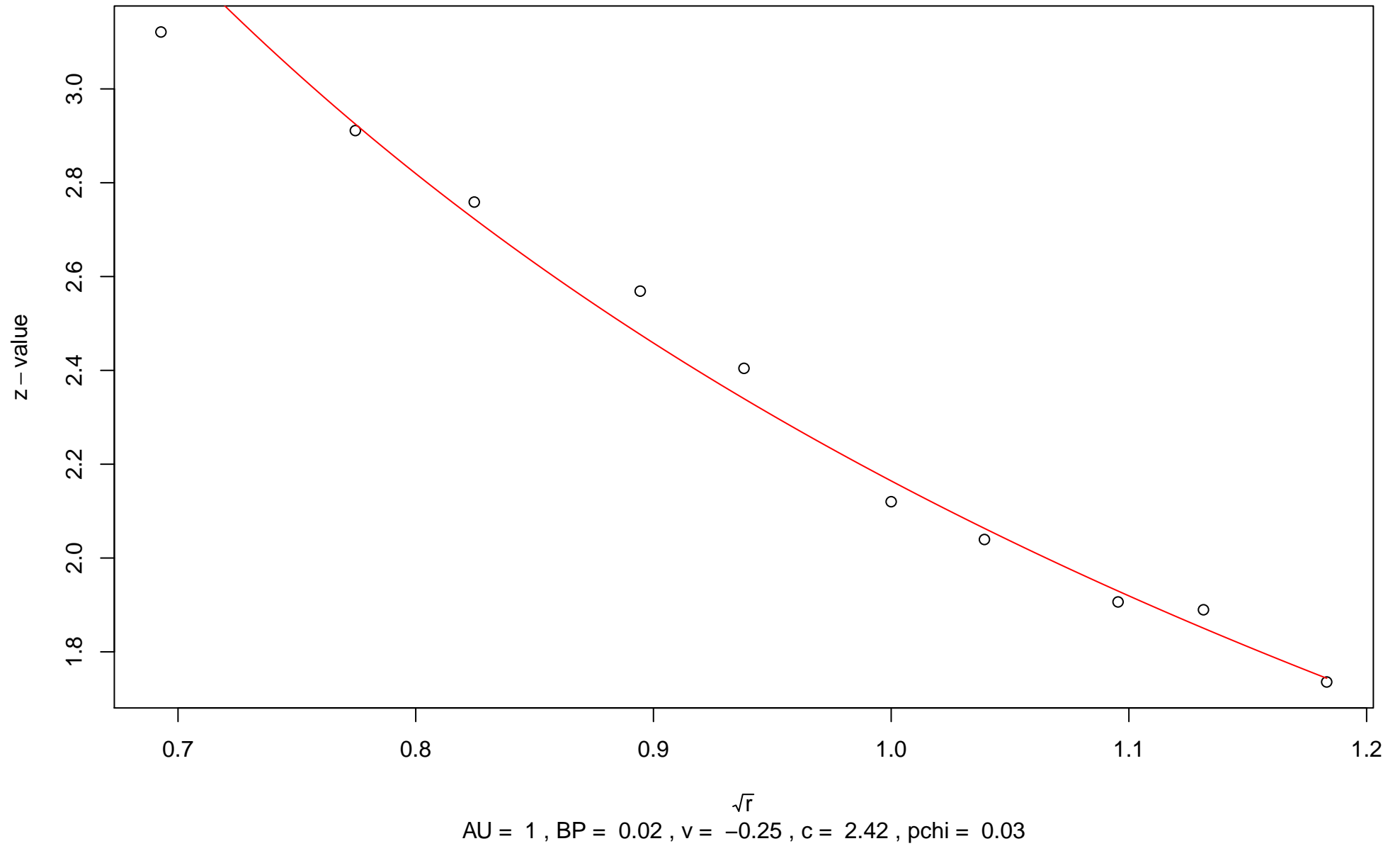
$\sqrt{r}$   
AU = 0.98 , BP = 0.06 ,  $v = -0.28$  ,  $c = 1.81$  , pchi = 0.03

### 276th edge

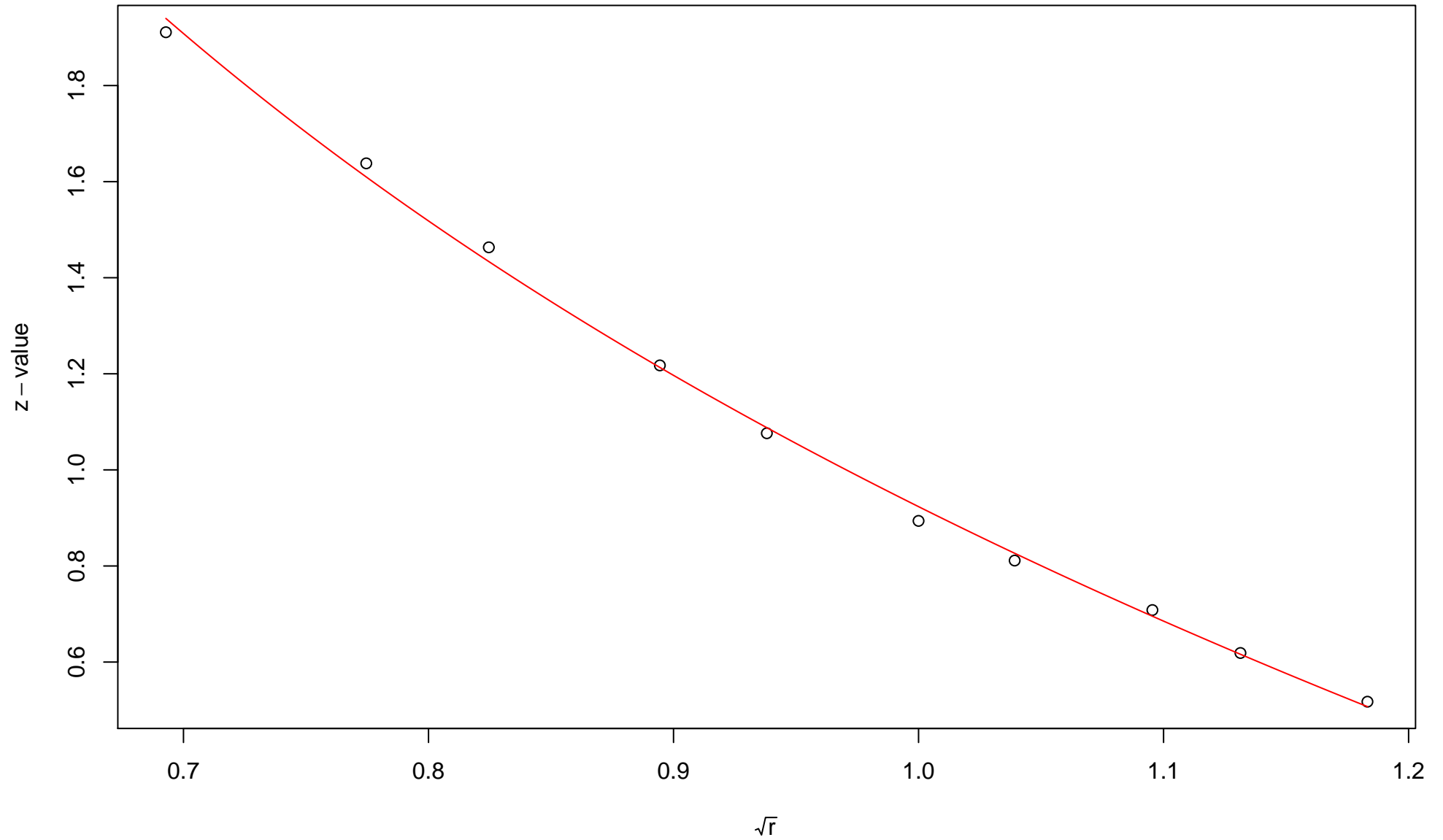


$\sqrt{r}$   
AU = 0.99 , BP = 0.02 ,  $v = -0.14$  , c = 2.26 , pchi = 0.08

# 277th edge

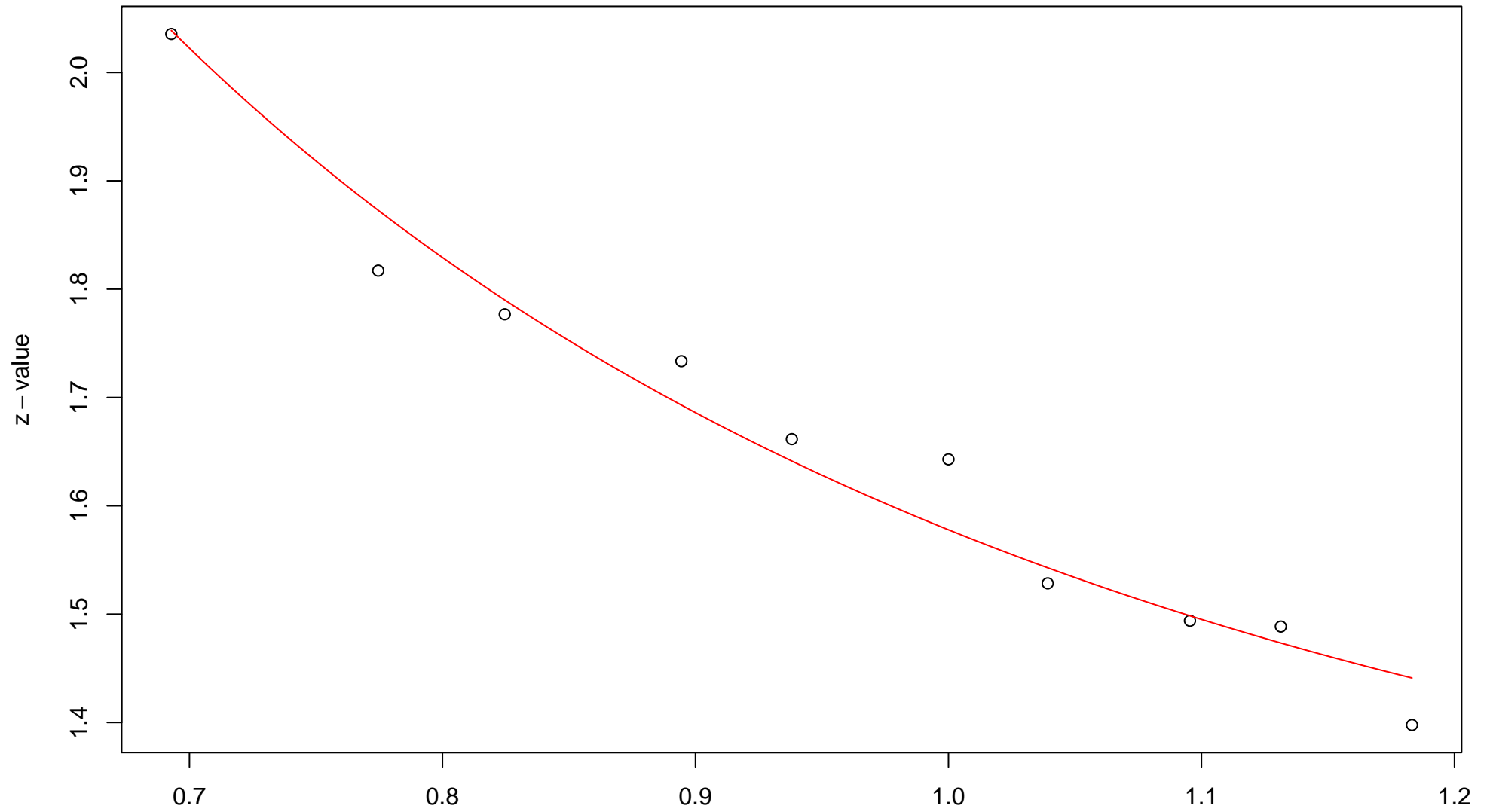


### 278th edge



$\sqrt{r}$   
AU = 0.99 , BP = 0.18 ,  $v = -0.81$  ,  $c = 1.73$  , pchi = 0.11

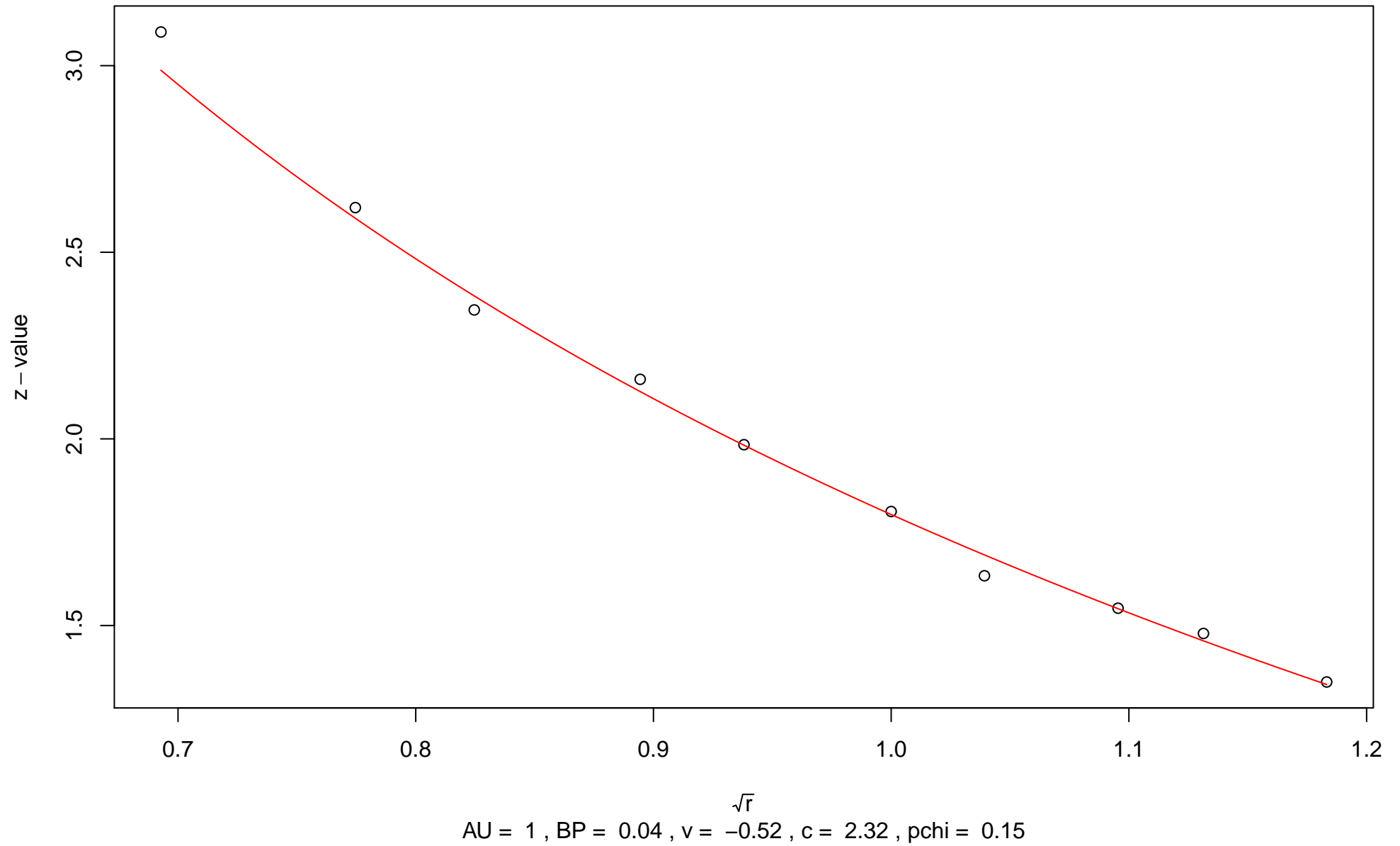
### 279th edge



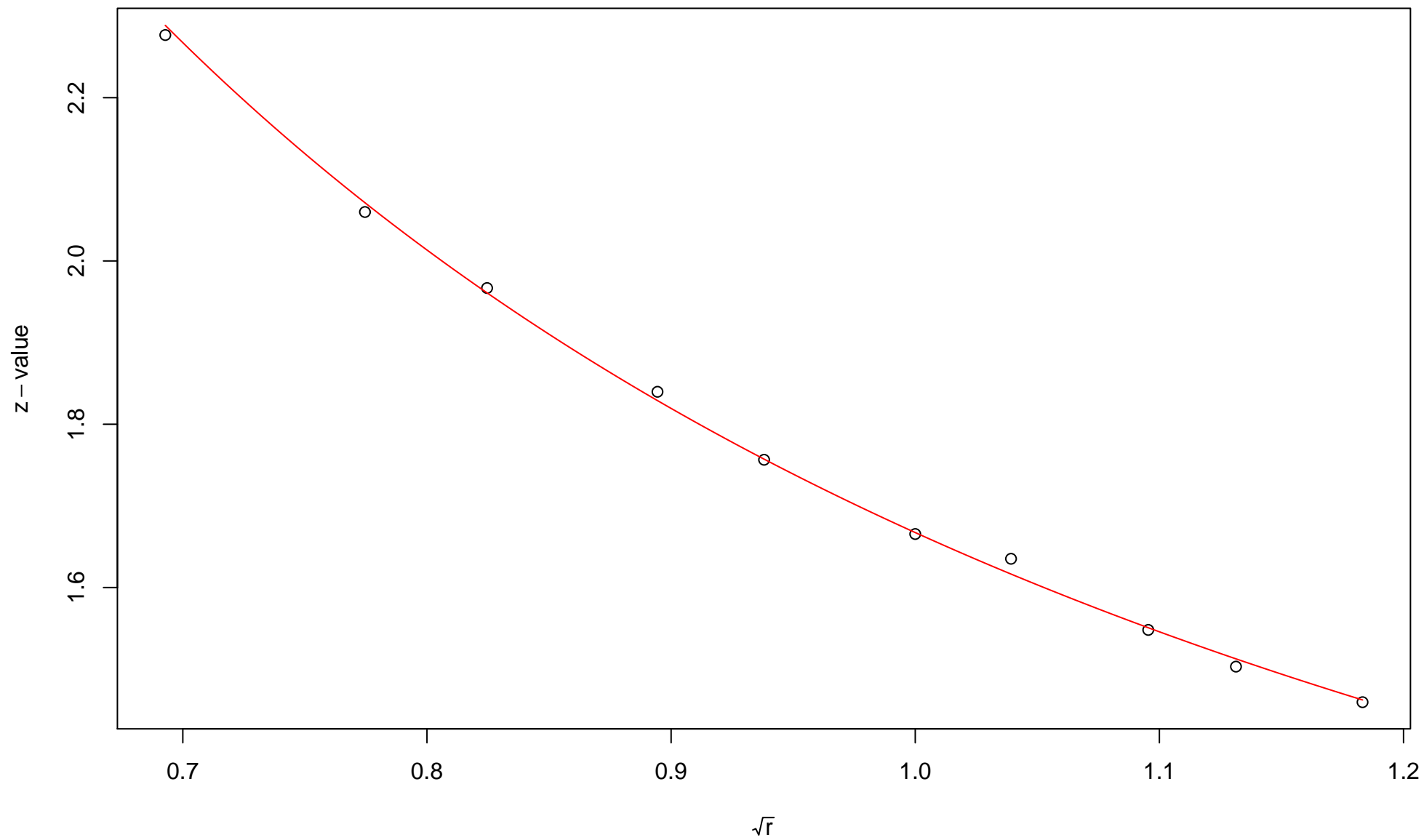
$\sqrt{r}$   
AU = 0.83 , BP = 0.06 ,  $v$  = 0.32 , c = 1.26 , pchi = 0



## 280th edge

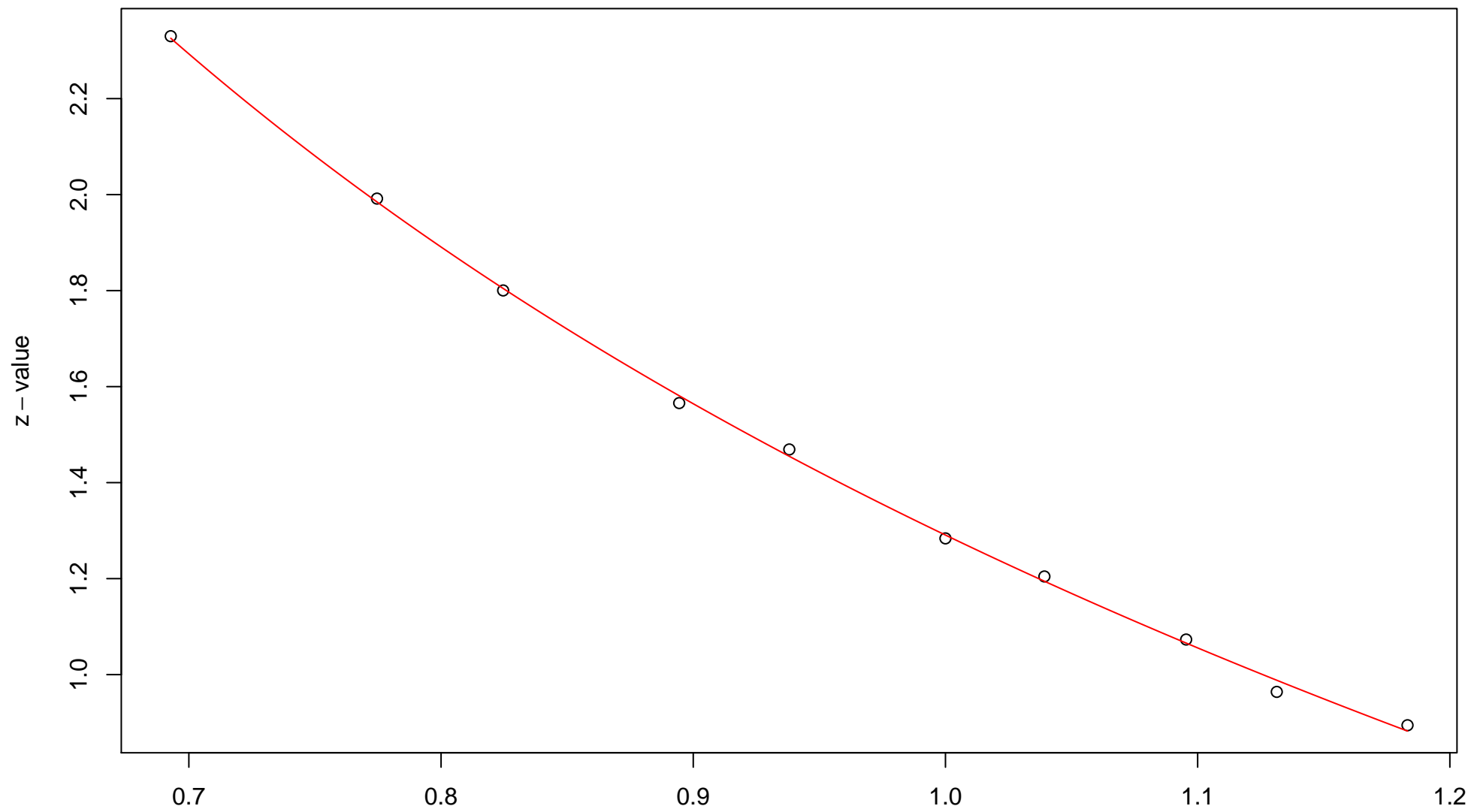


### 281st edge



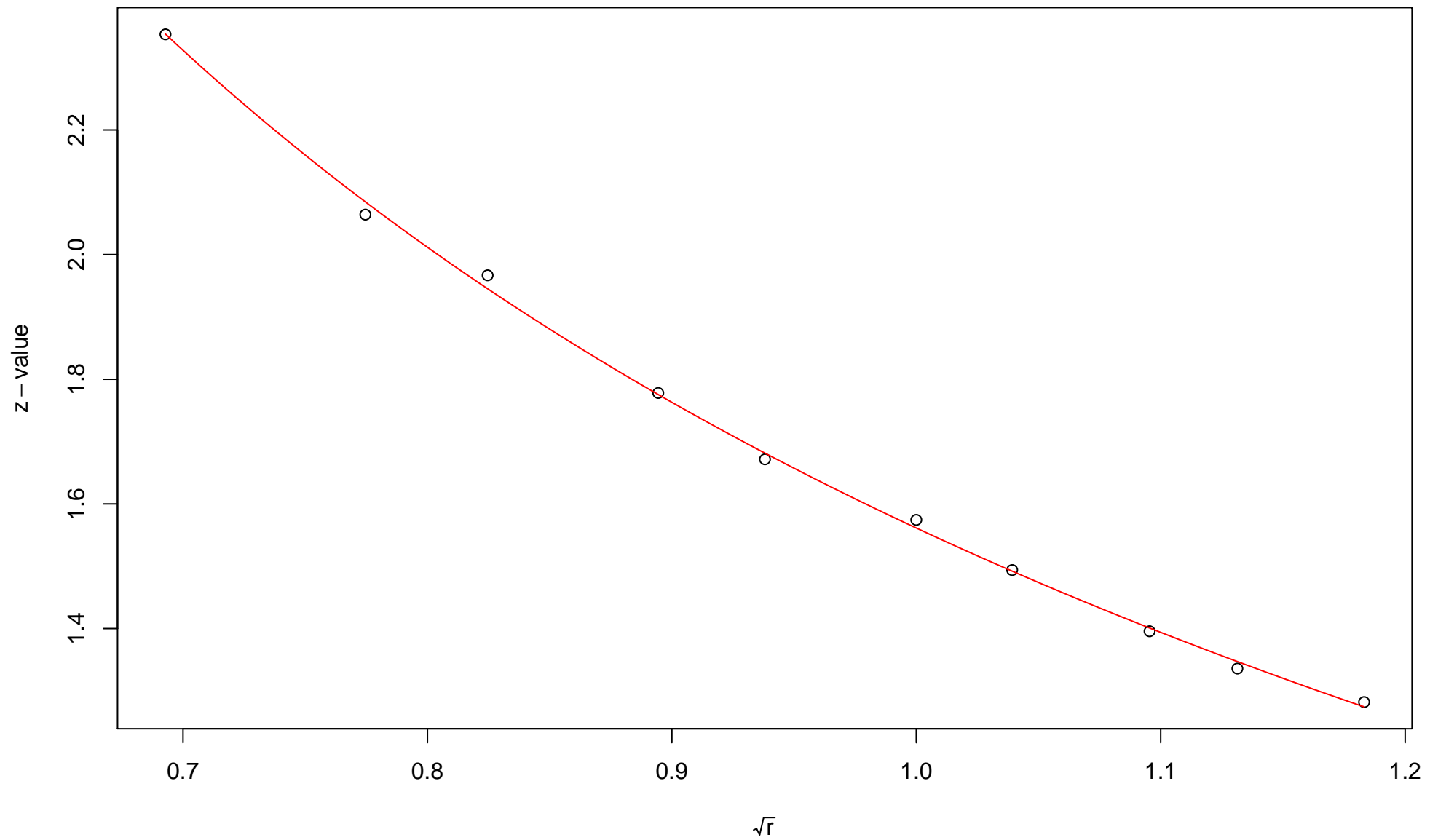
$\sqrt{r}$   
AU = 0.91 , BP = 0.05 ,  $v$  = 0.16 ,  $c$  = 1.51 , pchi = 0.99

## 282nd edge



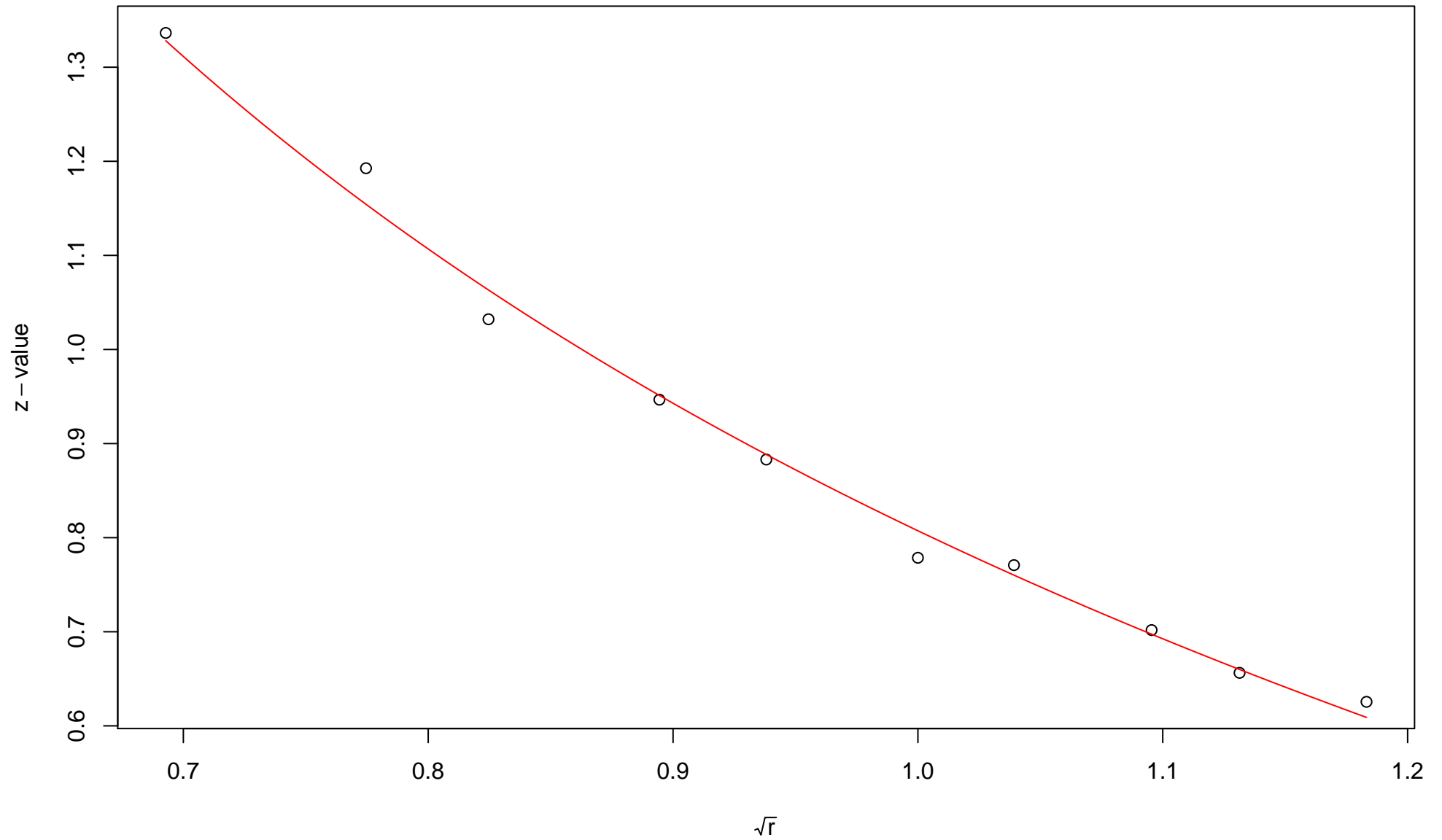
$\sqrt{r}$   
AU = 0.99 , BP = 0.1 ,  $v = -0.62$  ,  $c = 1.91$  ,  $pchi = 0.72$

## 283rd edge



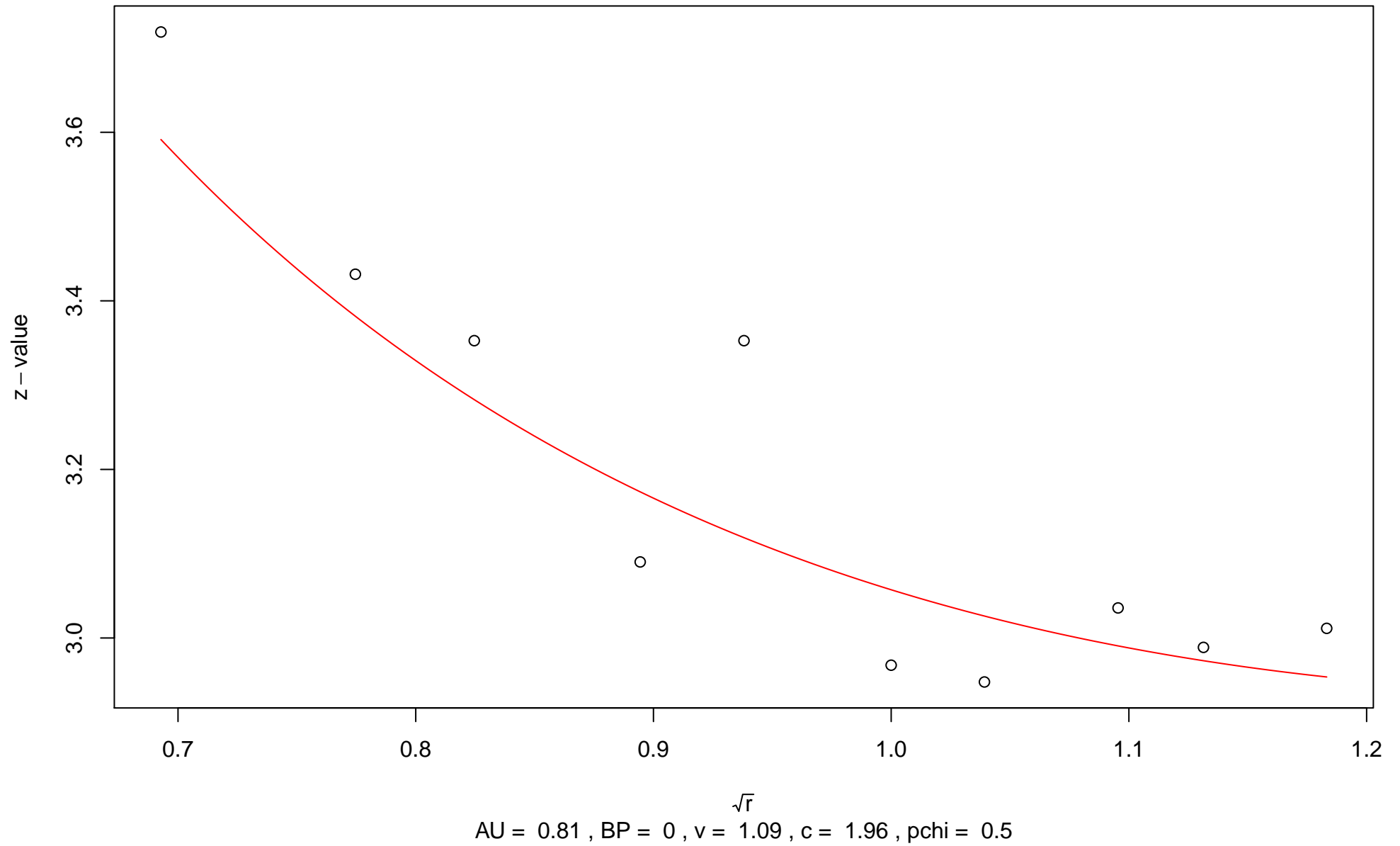
$\sqrt{r}$   
AU = 0.97 , BP = 0.06 ,  $v = -0.13$  ,  $c = 1.69$  ,  $pchi = 0.96$

## 284th edge

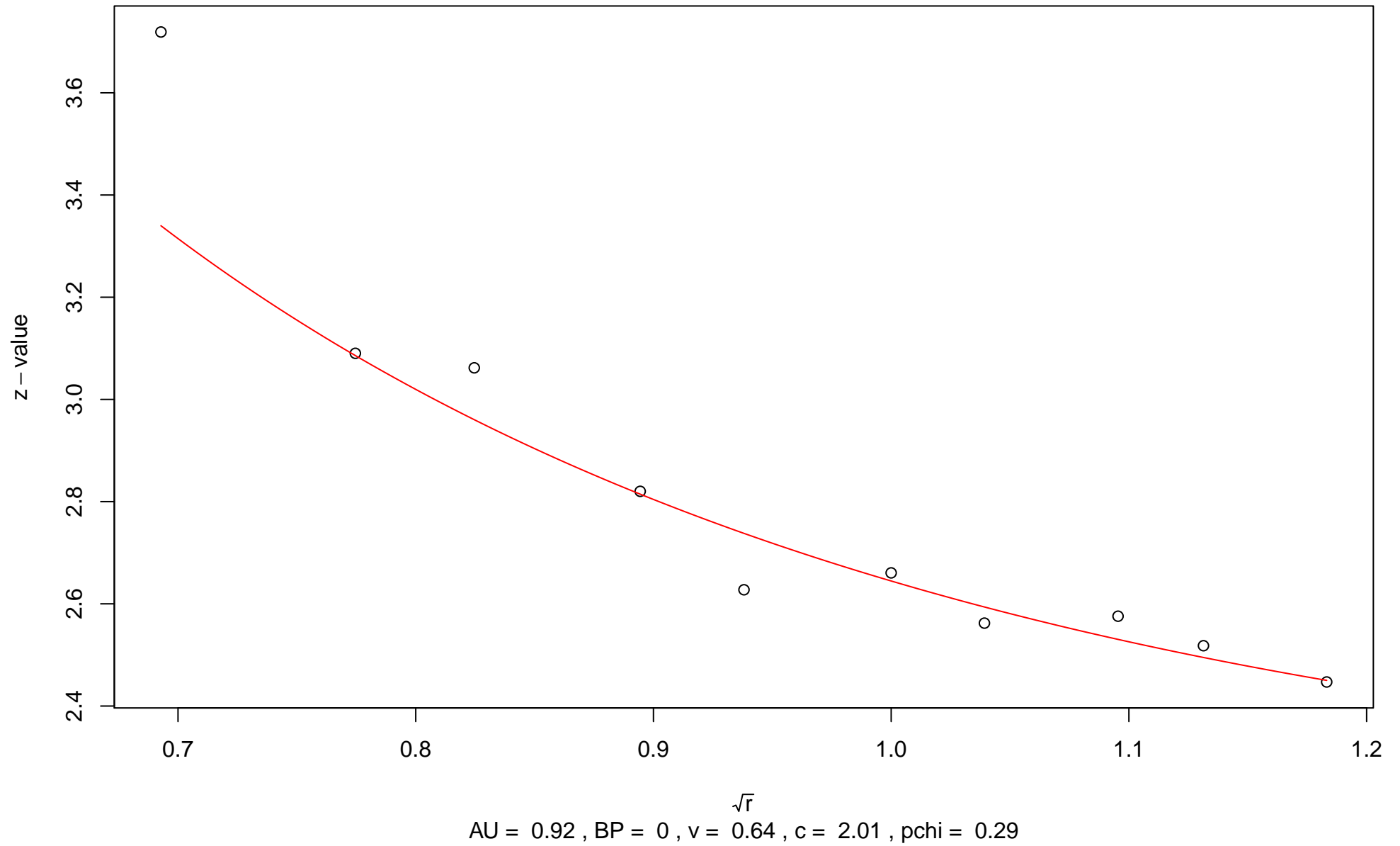


$\sqrt{r}$   
AU = 0.89 , BP = 0.21 ,  $v = -0.22$  ,  $c = 1.02$  , pchi = 0.04

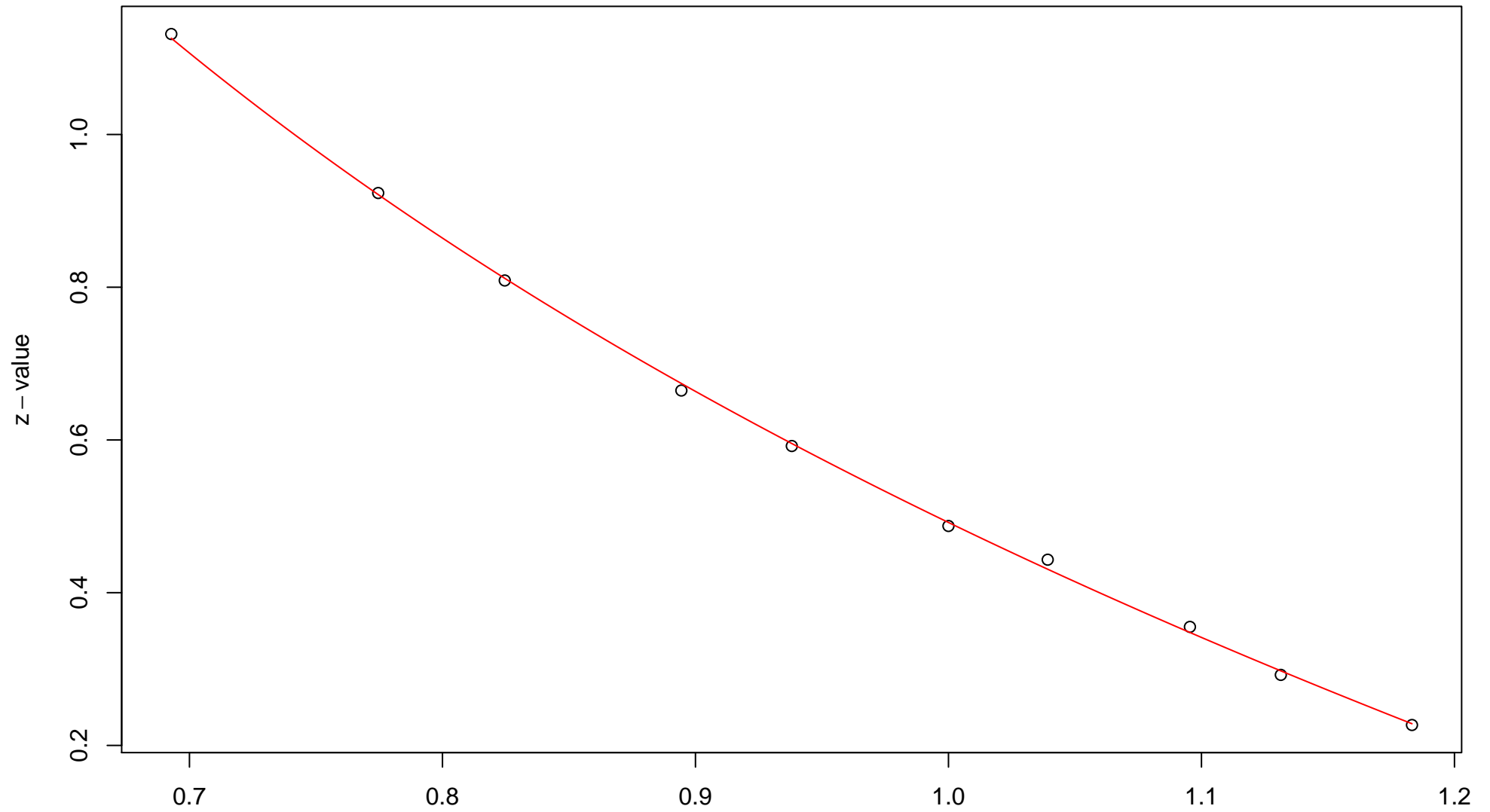
### 285th edge



## 286th edge



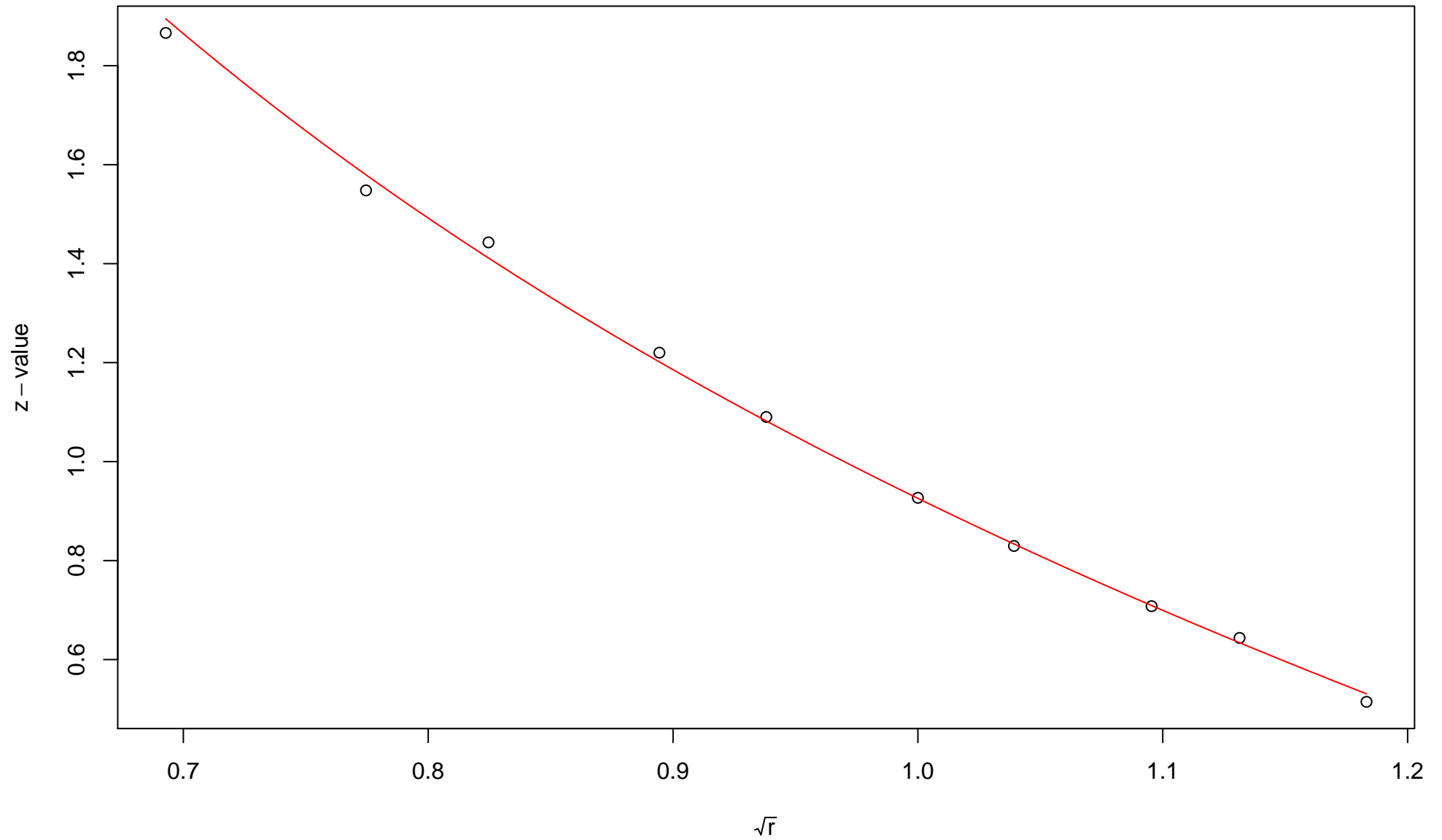
### 287th edge



$\sqrt{r}$   
AU = 0.95 , BP = 0.31 ,  $v = -0.55$  ,  $c = 1.05$  , pchi = 0.97

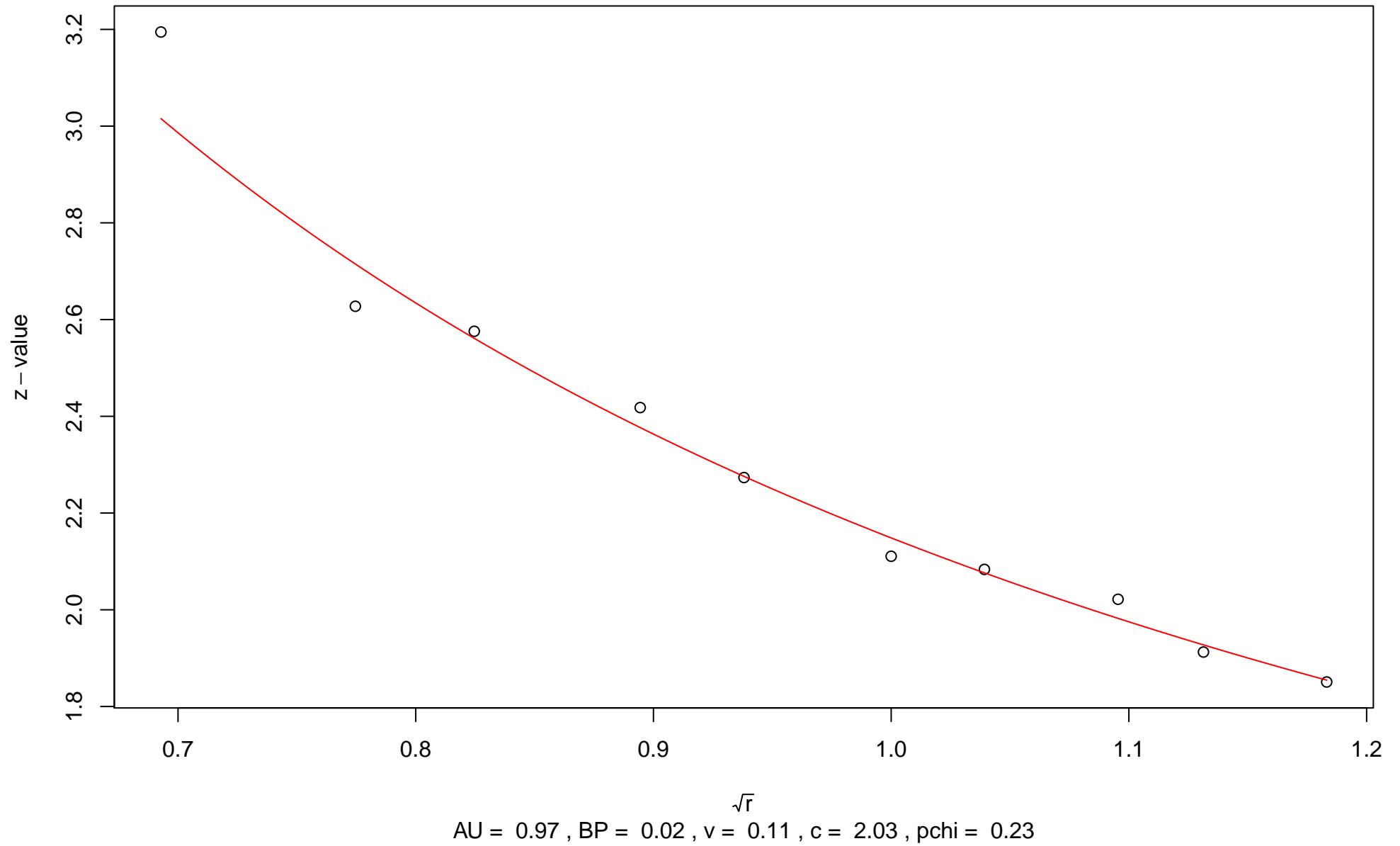


### 288th edge

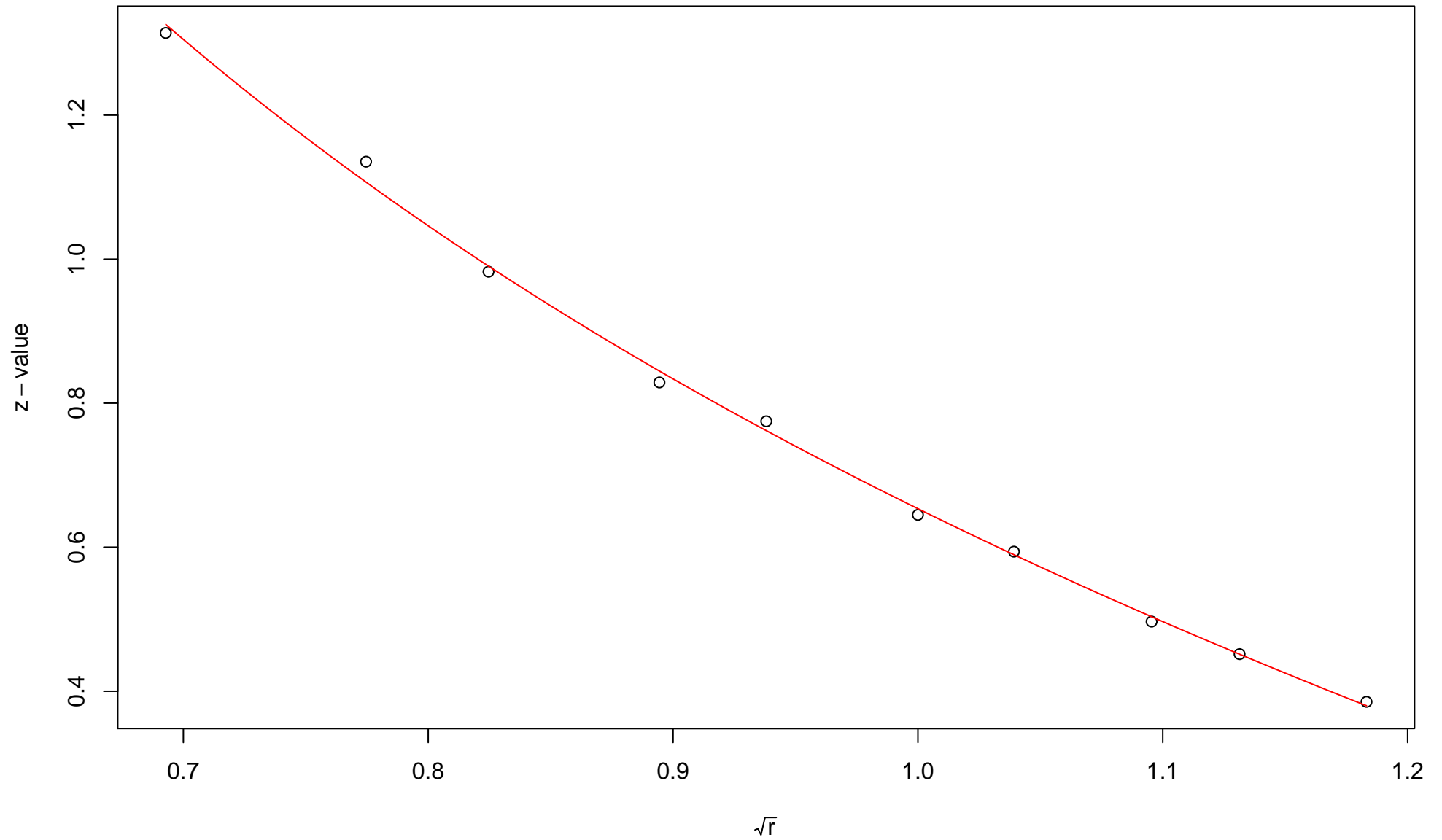


$\sqrt{r}$   
AU = 0.99 , BP = 0.18 ,  $v = -0.74$  ,  $c = 1.67$  ,  $pchi = 0.24$

### 289th edge

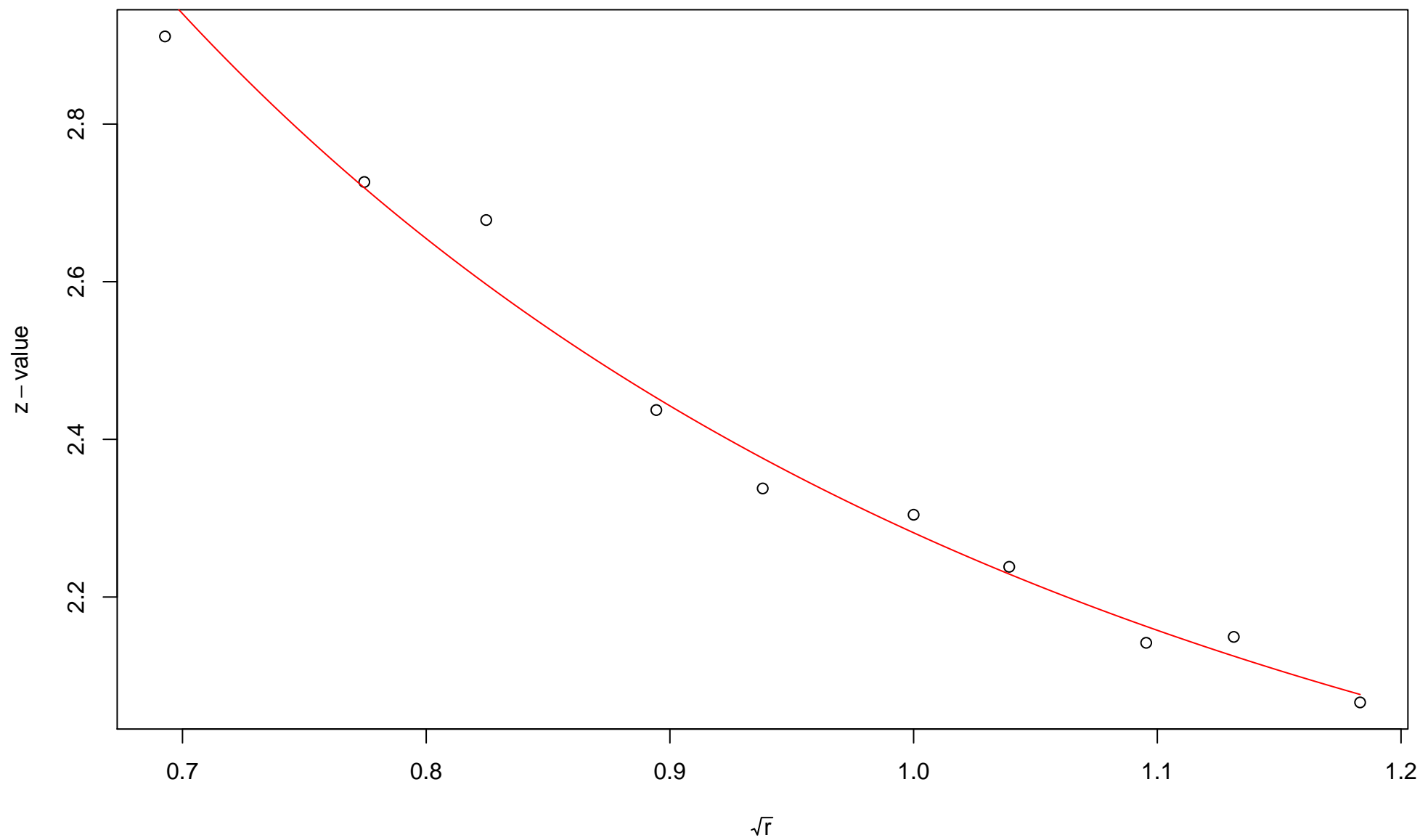


### 290th edge



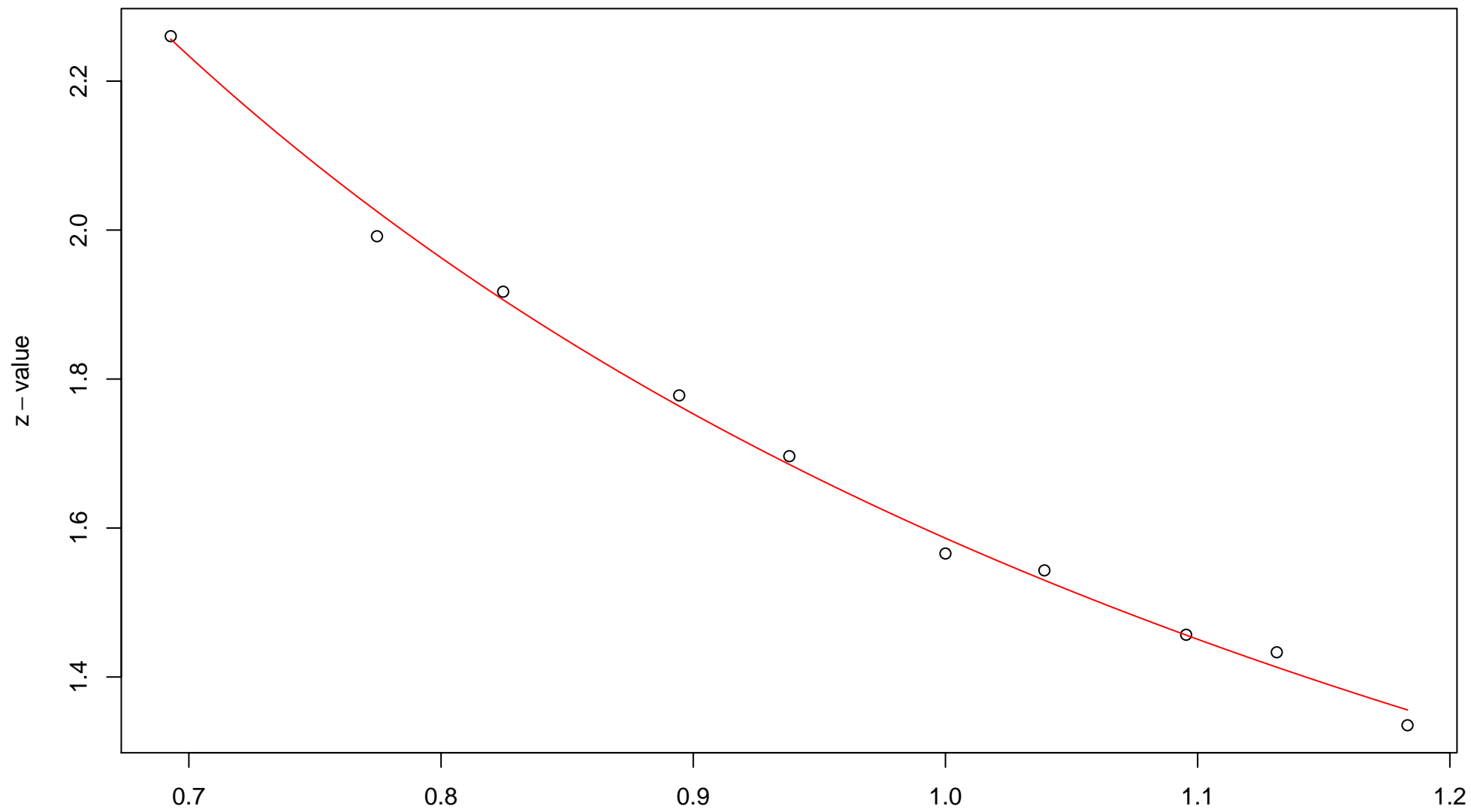
$\sqrt{r}$   
AU = 0.95 , BP = 0.26 ,  $v = -0.51$  , c = 1.16 , pchi = 0.54

# 291st edge



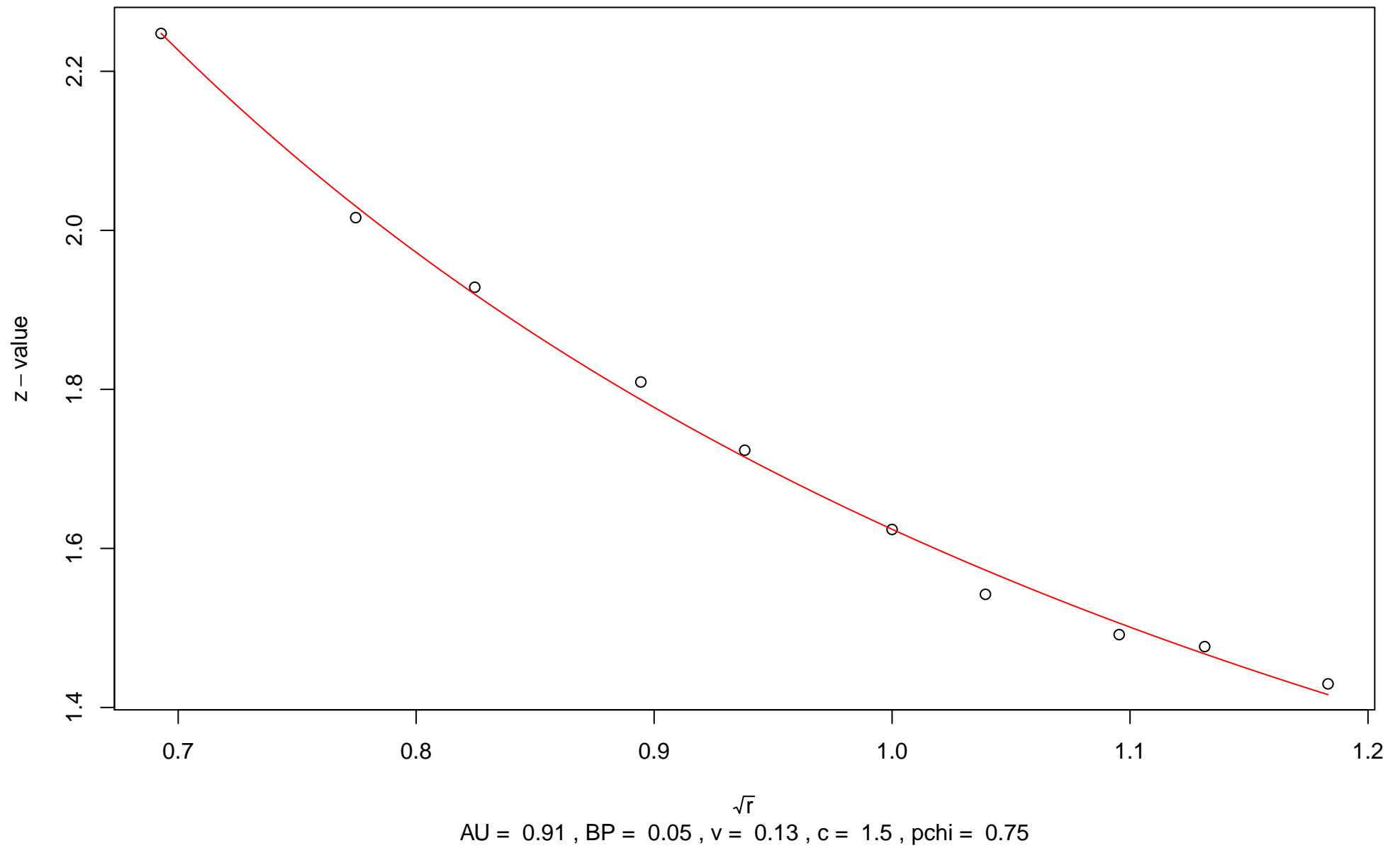
$\sqrt{r}$   
AU = 0.92 , BP = 0.01 ,  $v = 0.44$  ,  $c = 1.84$  , pchi = 0.7

## 292nd edge

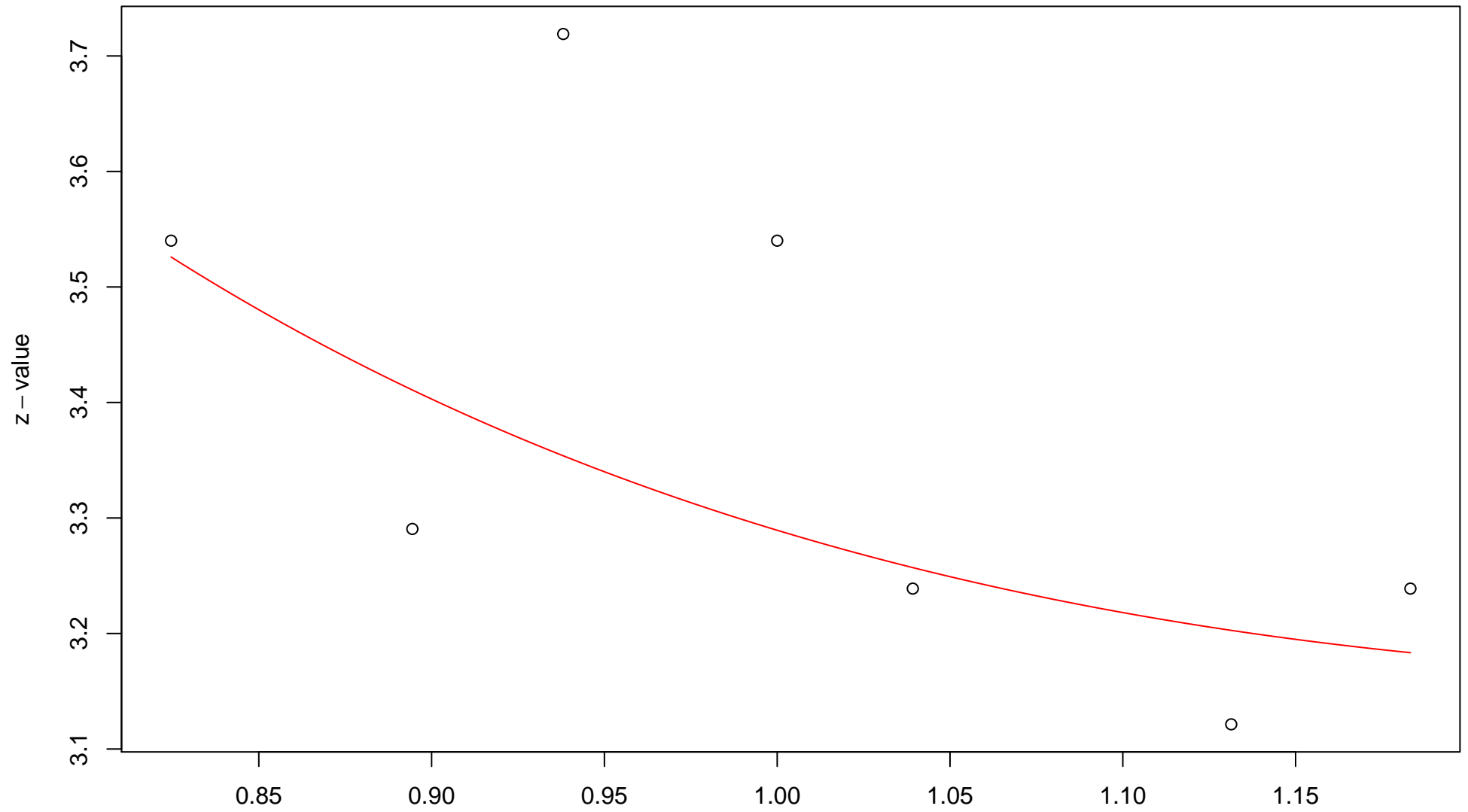


$\sqrt{r}$   
AU = 0.93 , BP = 0.06 ,  $v = 0.04$  ,  $c = 1.54$  ,  $pchi = 0.61$

## 293rd edge

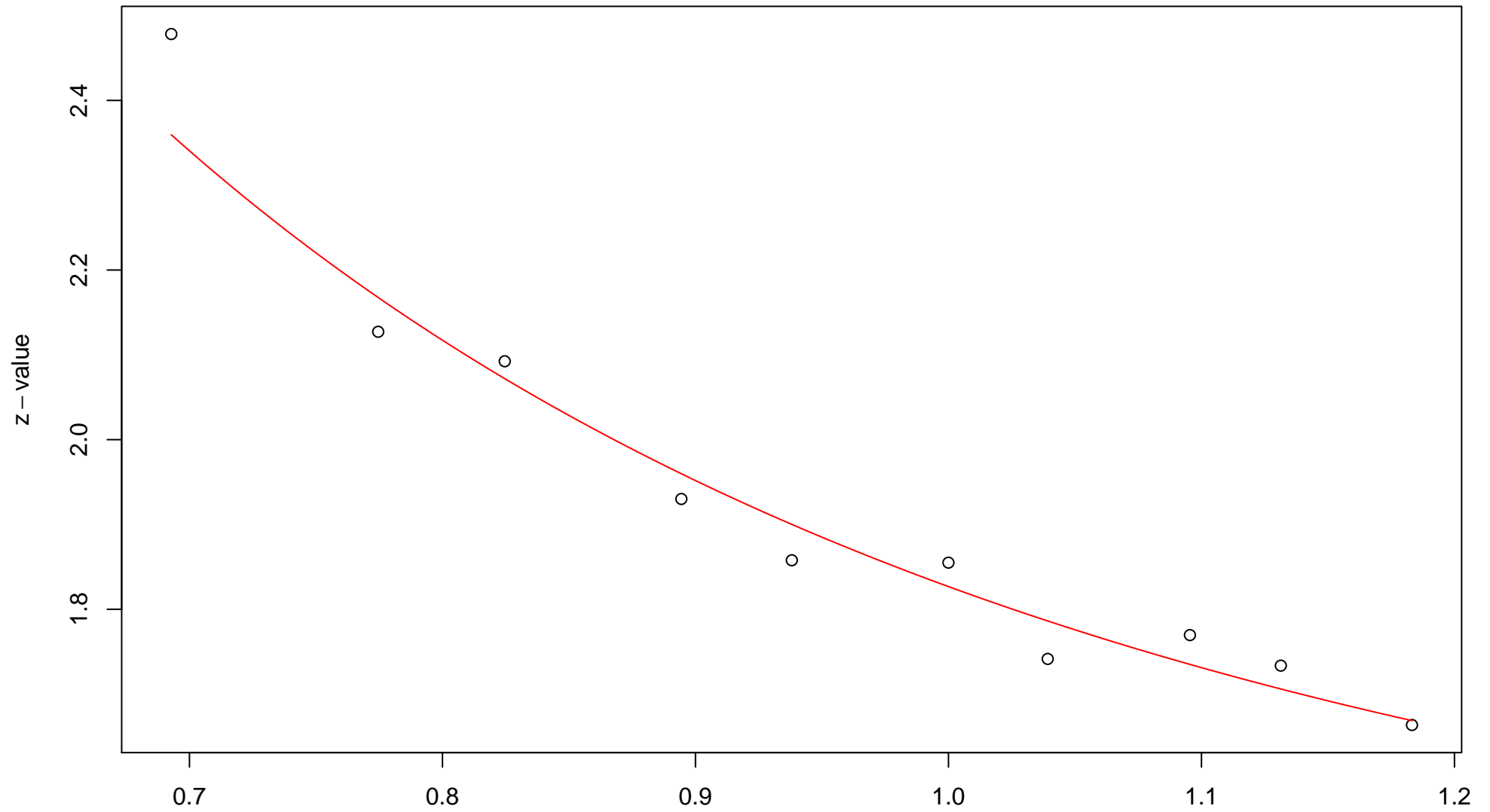


### 294th edge



$\sqrt{r}$   
AU = 0.82 , BP = 0 , v = 1.19 , c = 2.1 , pchi = 0.33

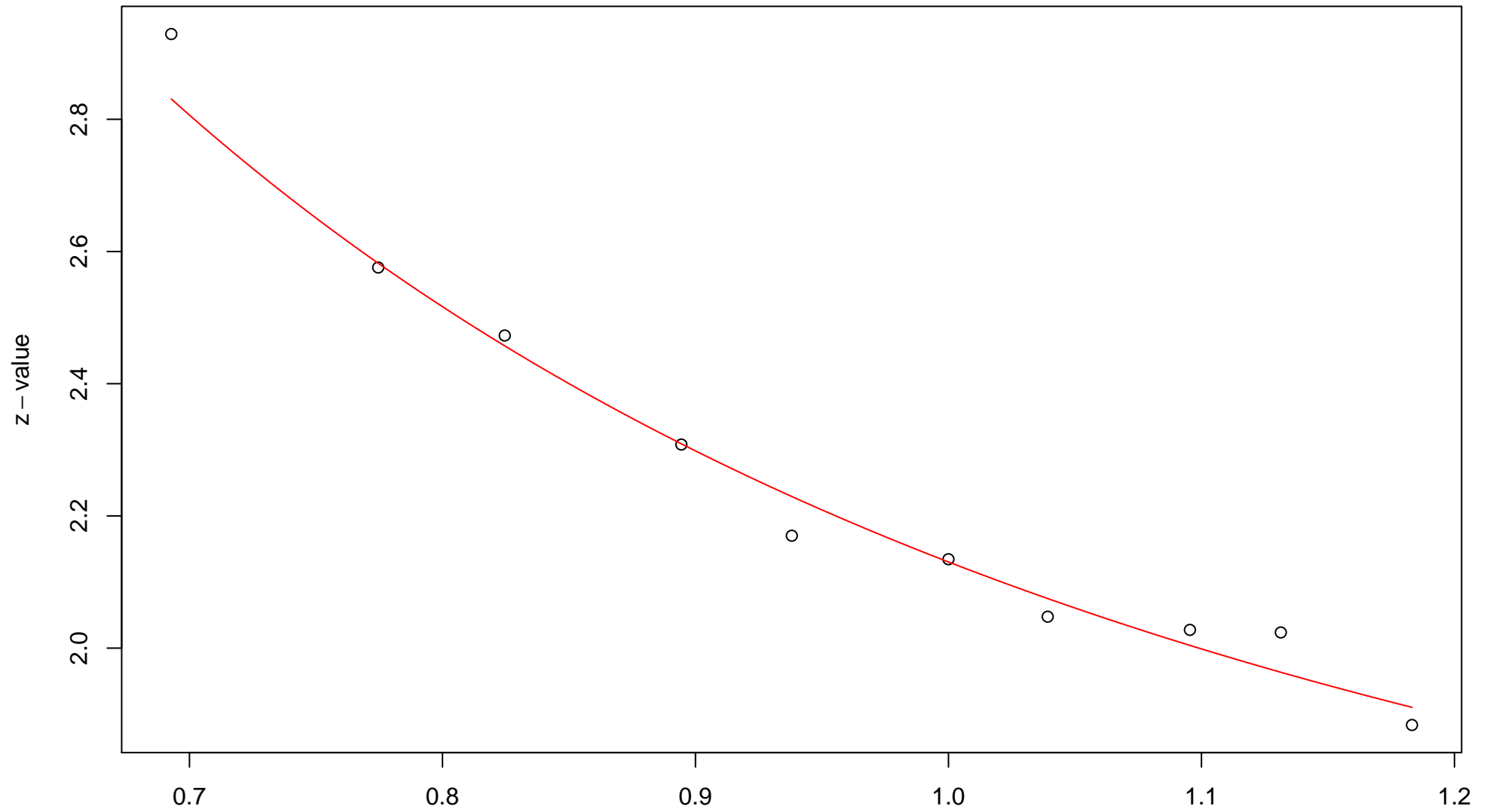
### 295th edge



$\sqrt{r}$   
AU = 0.86 , BP = 0.03 ,  $v$  = 0.37 , c = 1.46 , pchi = 0

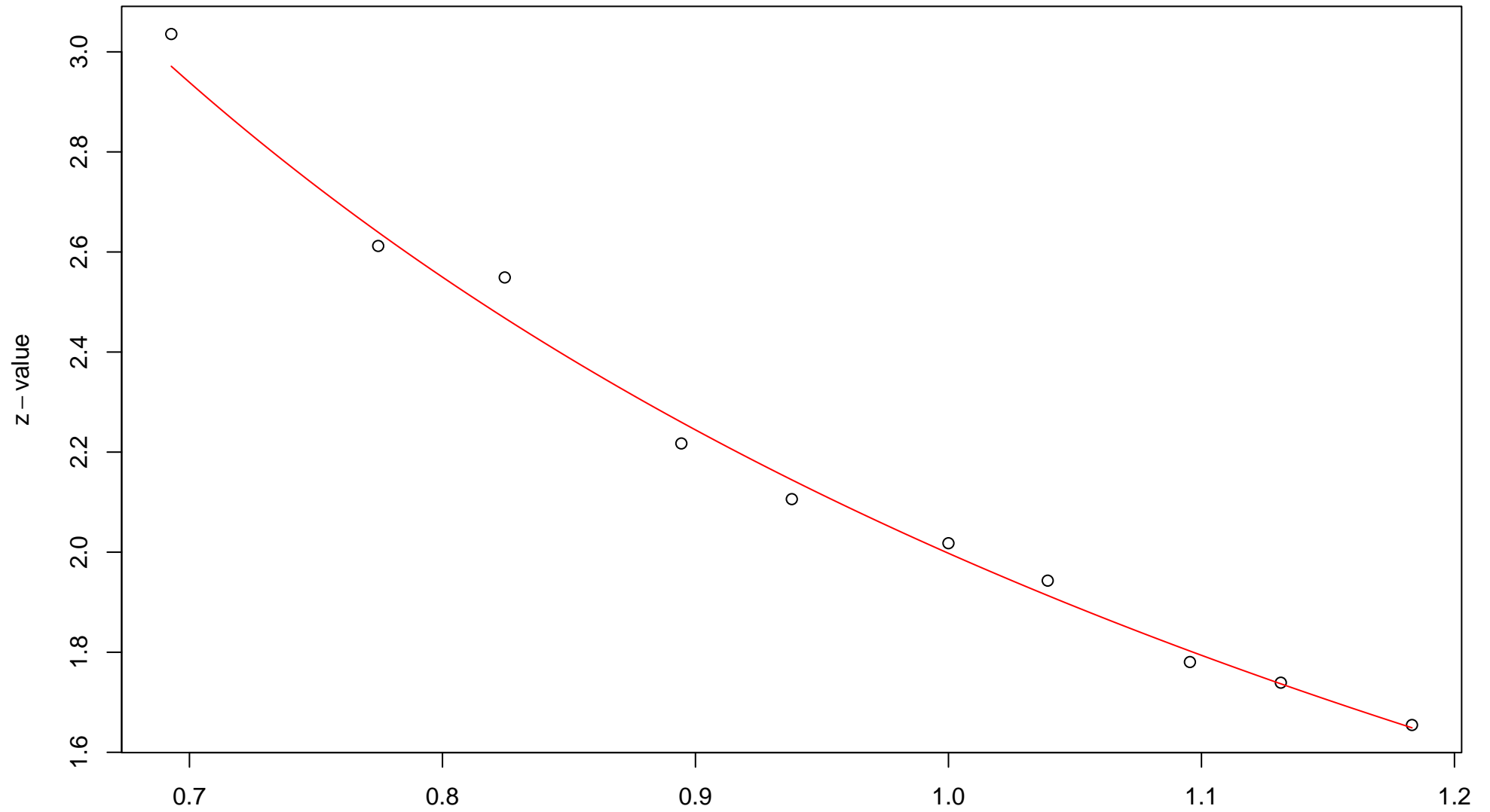


### 296th edge



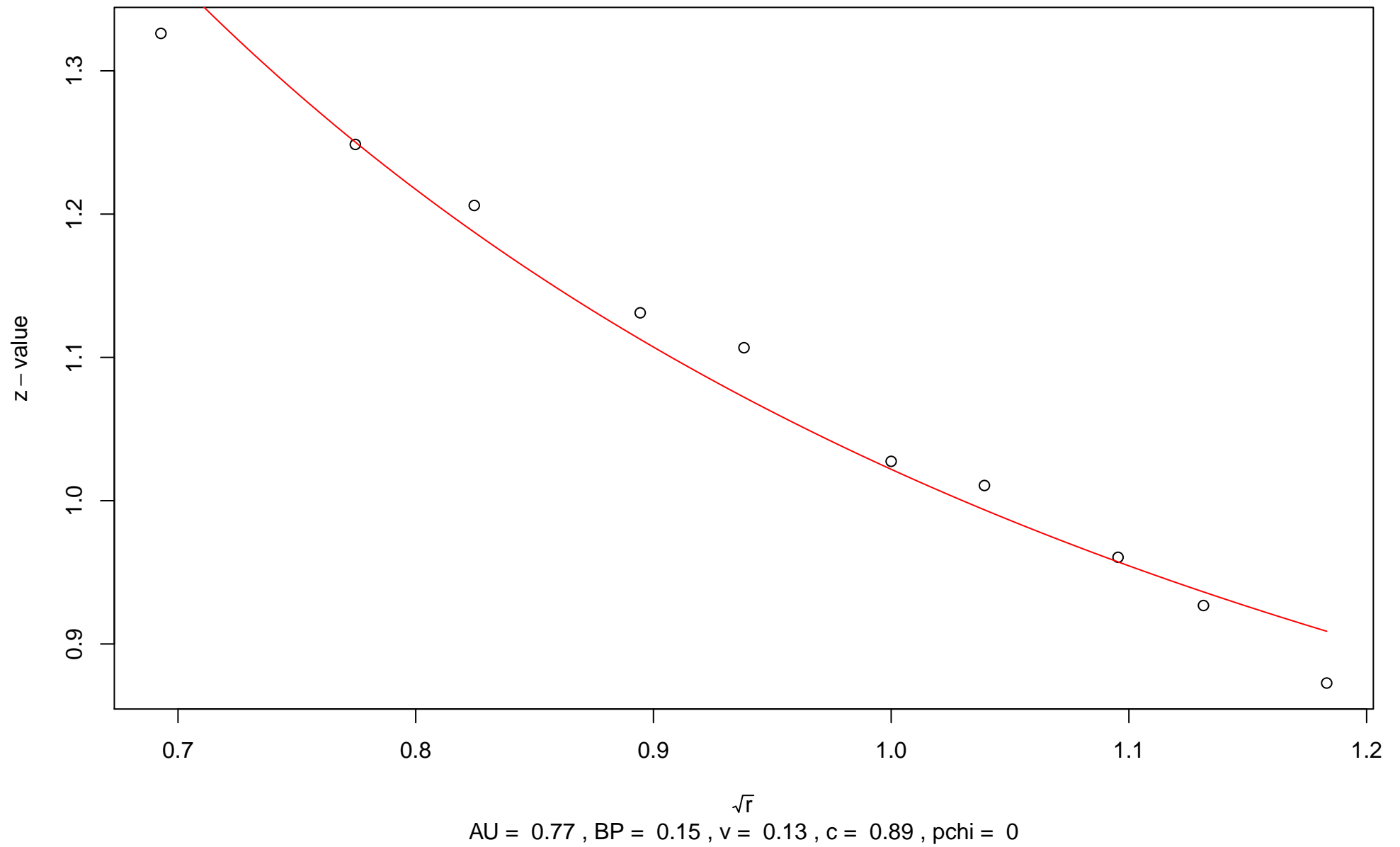
$\sqrt{r}$   
AU = 0.93 , BP = 0.02 ,  $v = 0.33$  , c = 1.81 , pchi = 0.13

# 297th edge

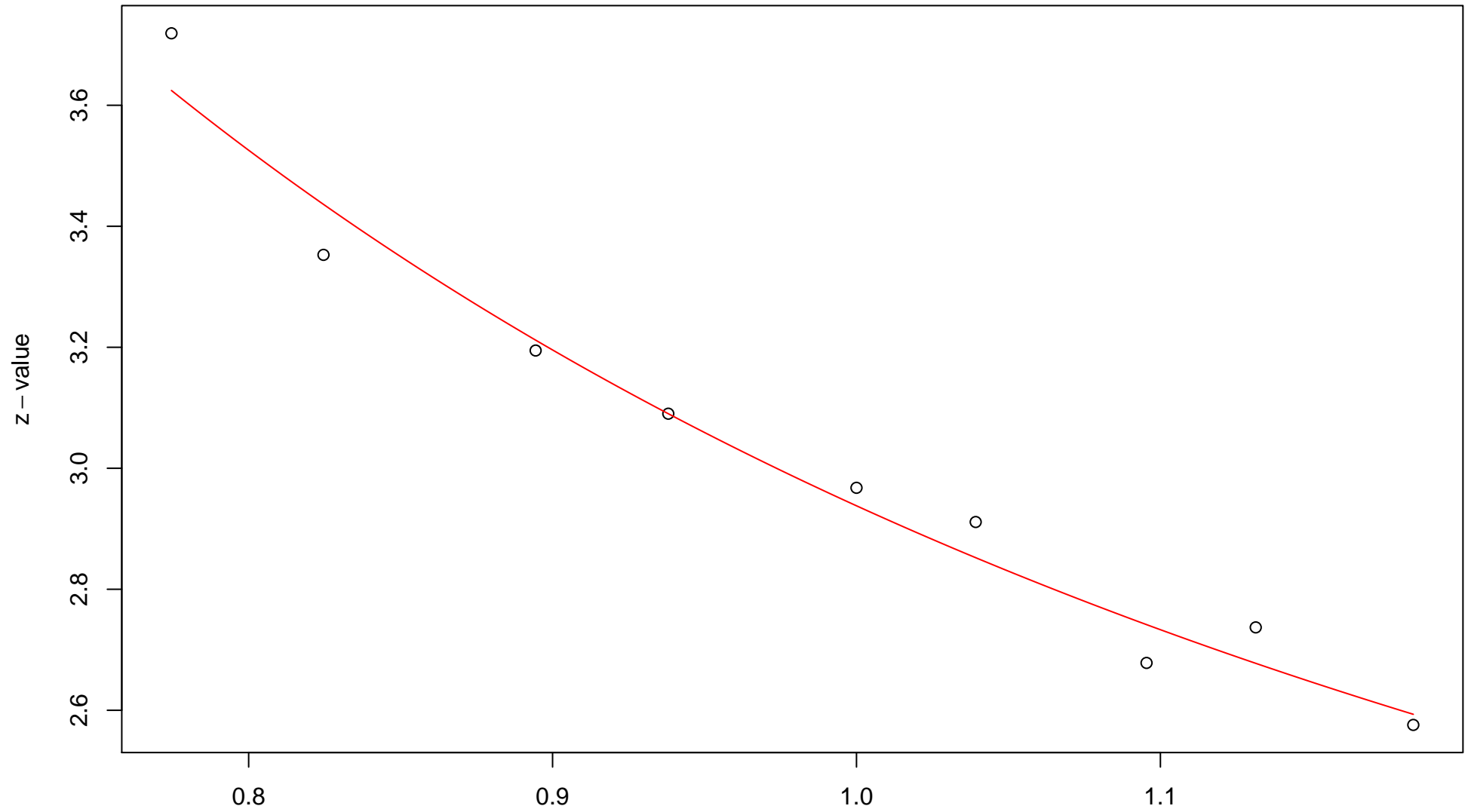


$\sqrt{r}$   
AU = 0.99 , BP = 0.02 ,  $v = -0.12$  , c = 2.11 , pchi = 0.28

## 298th edge

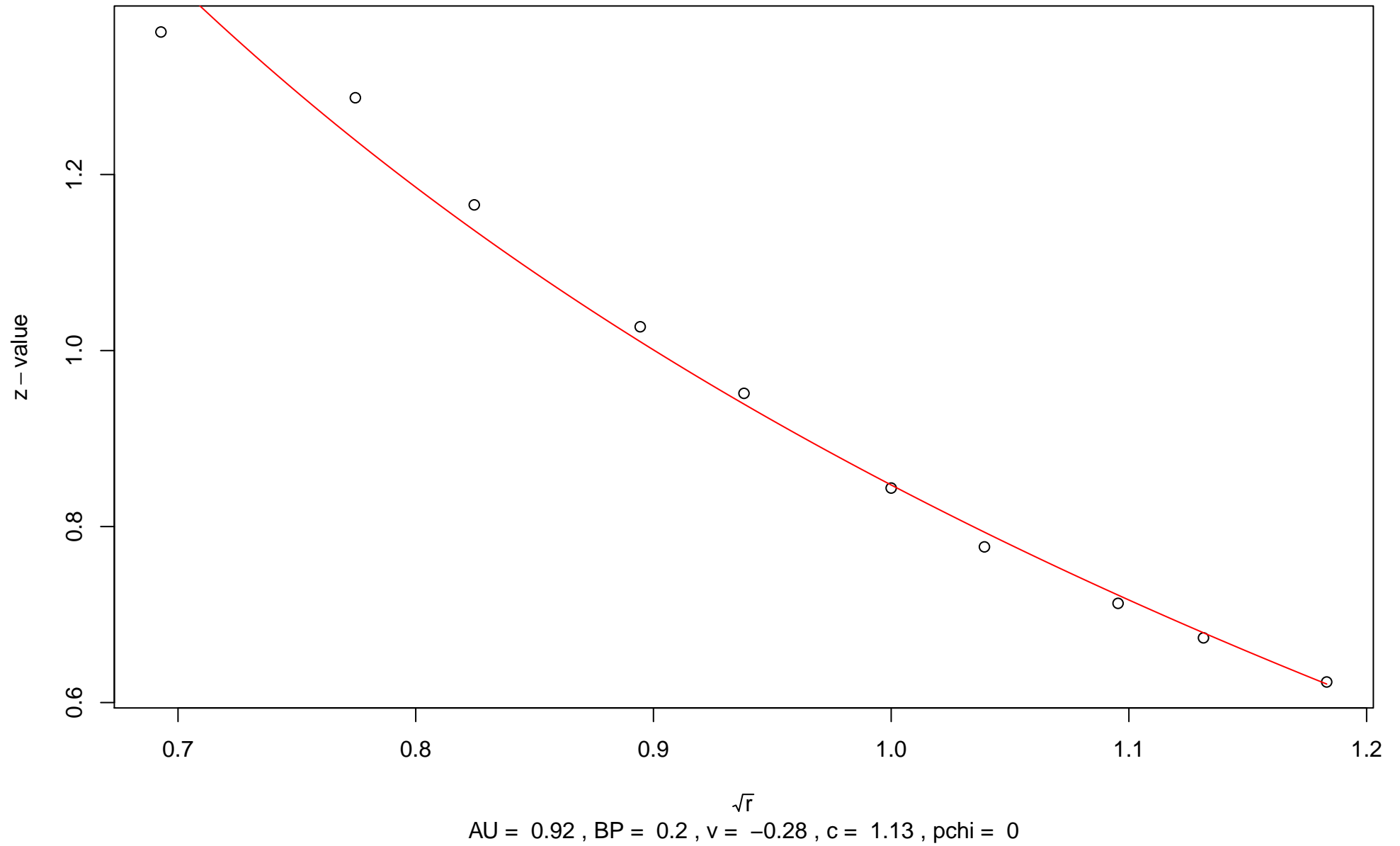


# 299th edge

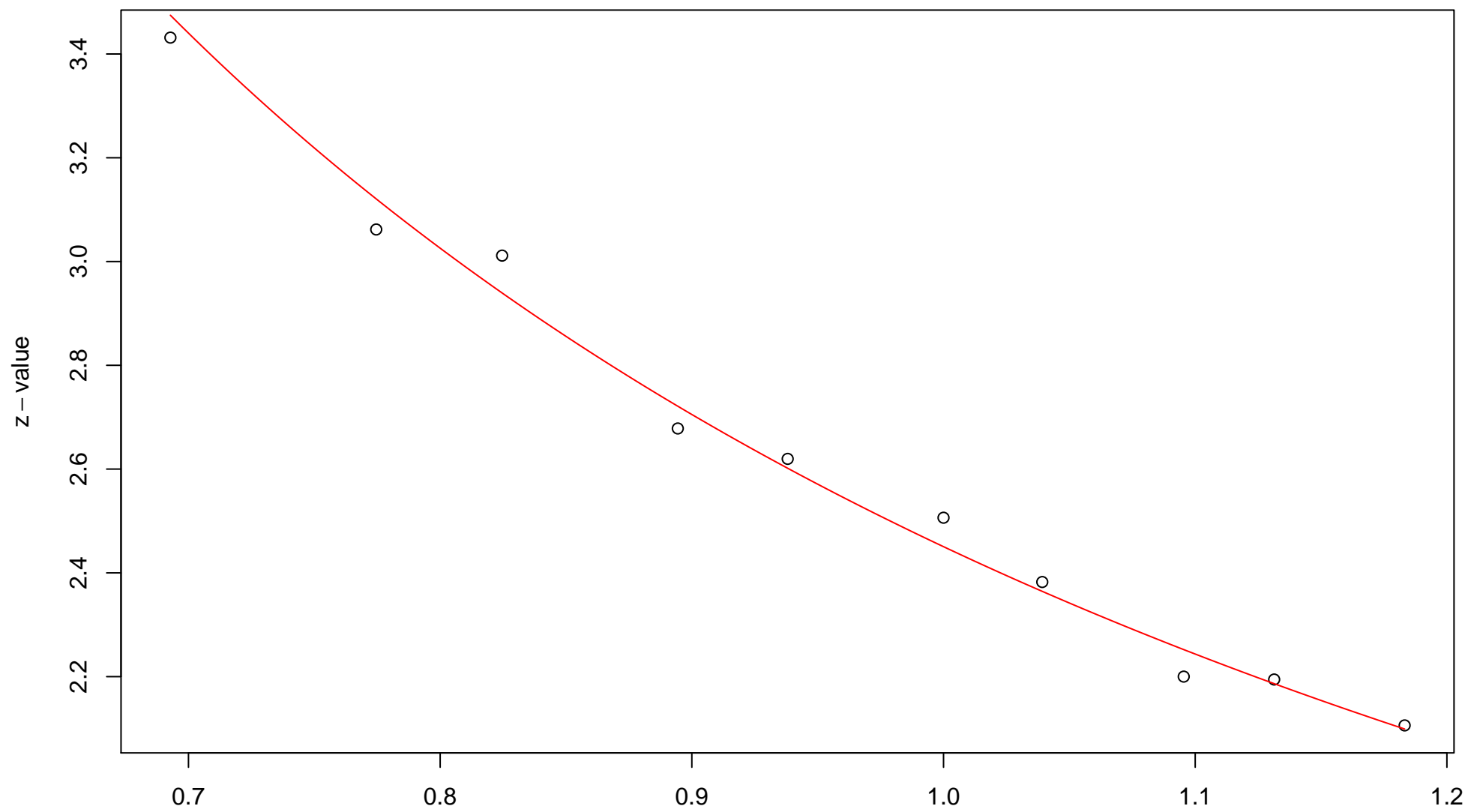


$\sqrt{r}$   
AU = 0.99 , BP = 0 , v = 0.33 , c = 2.61 , pchi = 0.8

### 300th edge

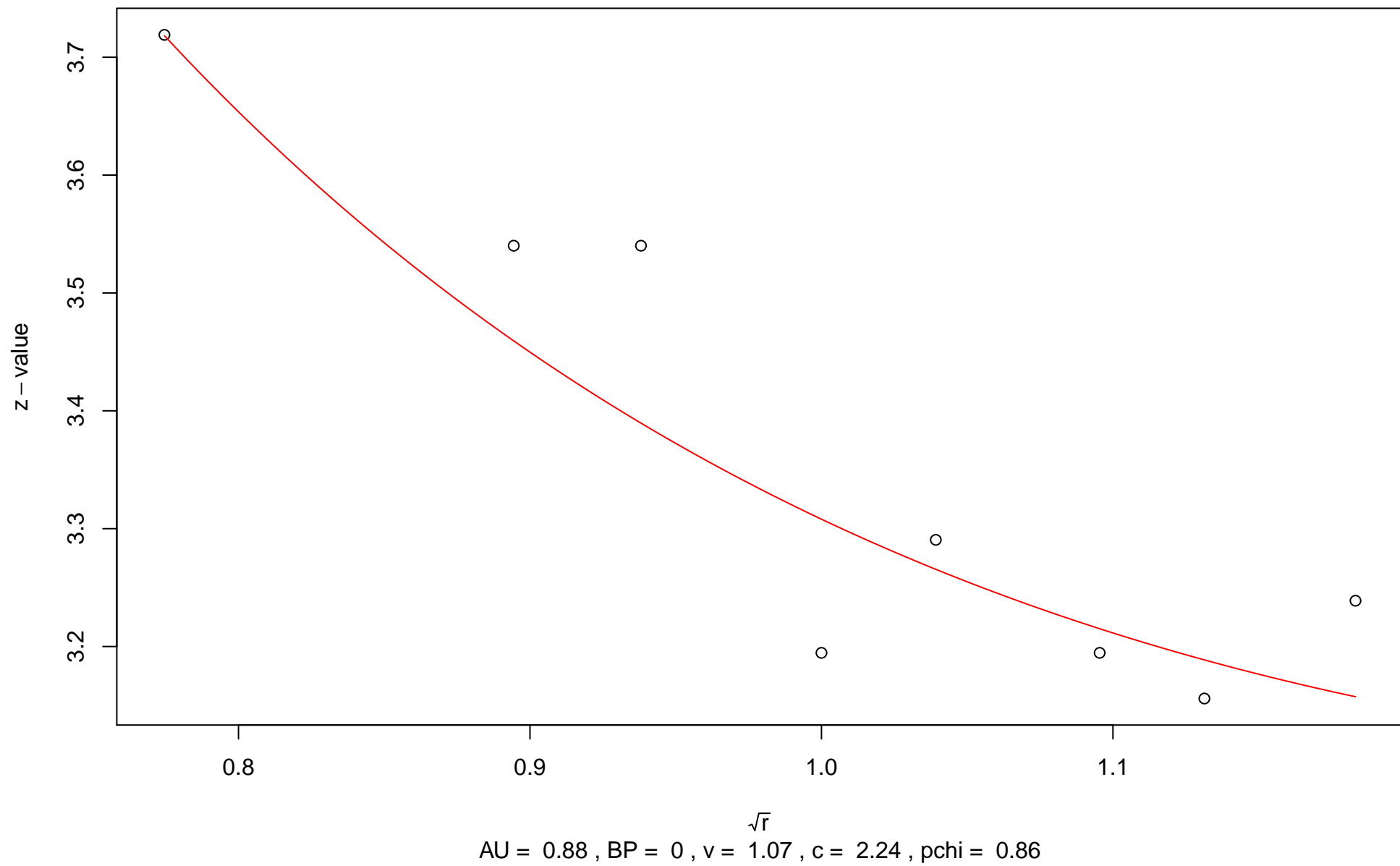


### 301st edge

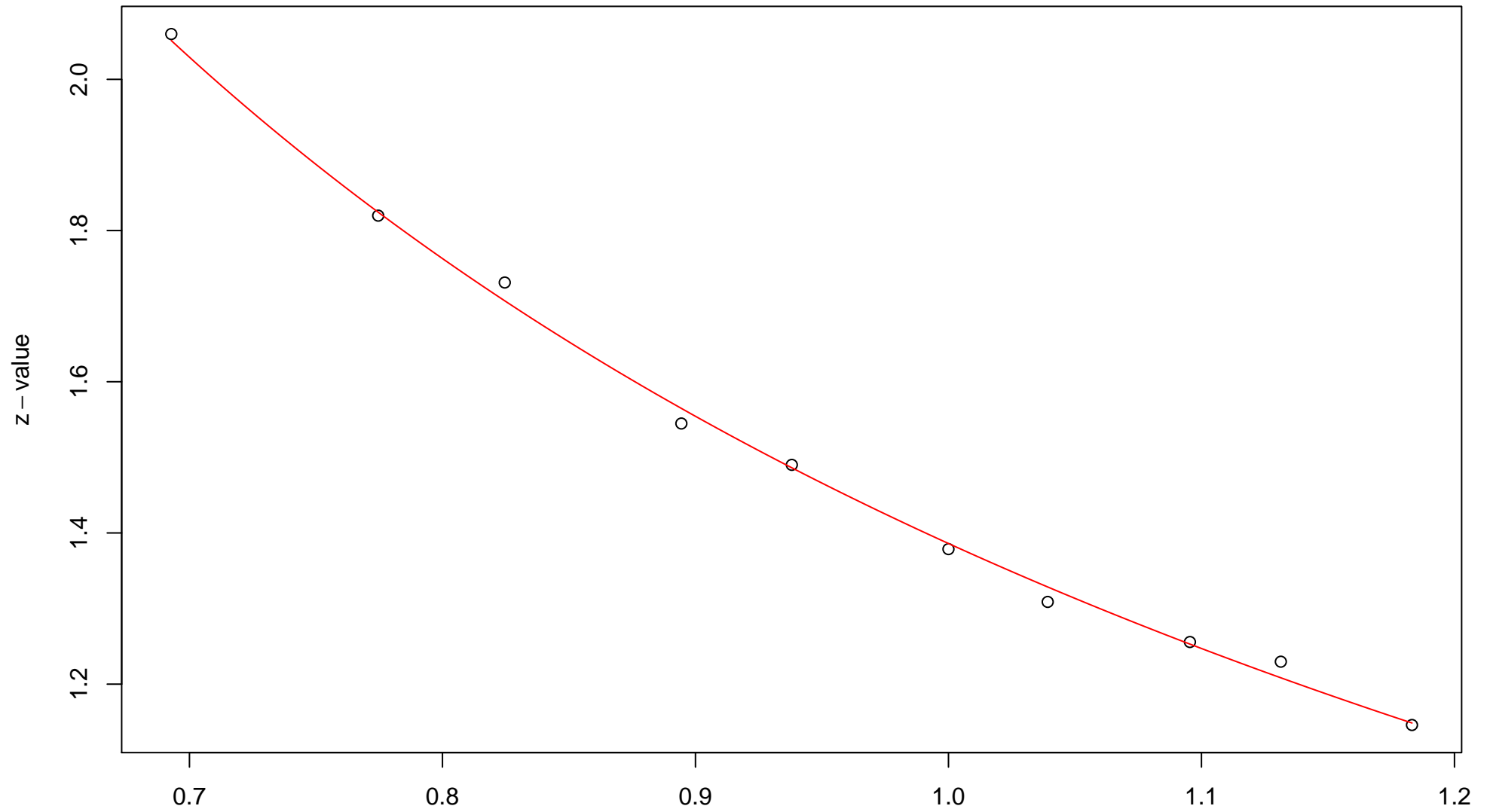


$\sqrt{r}$   
AU = 0.99 , BP = 0.01 ,  $v$  = 0.08 ,  $c$  = 2.37 , pchi = 0.61

### 302nd edge



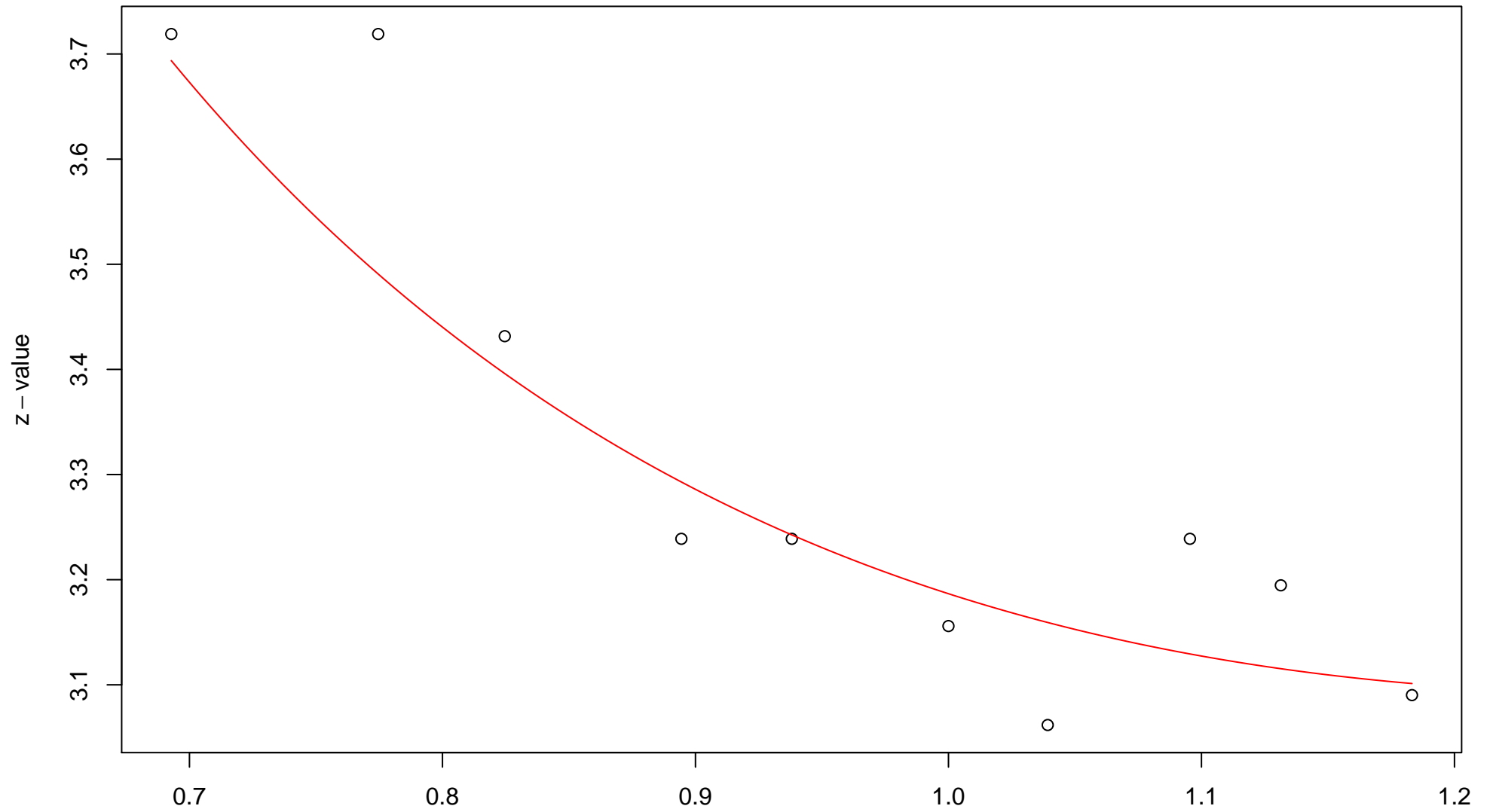
### 303rd edge



$\sqrt{r}$   
AU = 0.94 , BP = 0.08 ,  $v = -0.07$  , c = 1.45 , pchi = 0.7

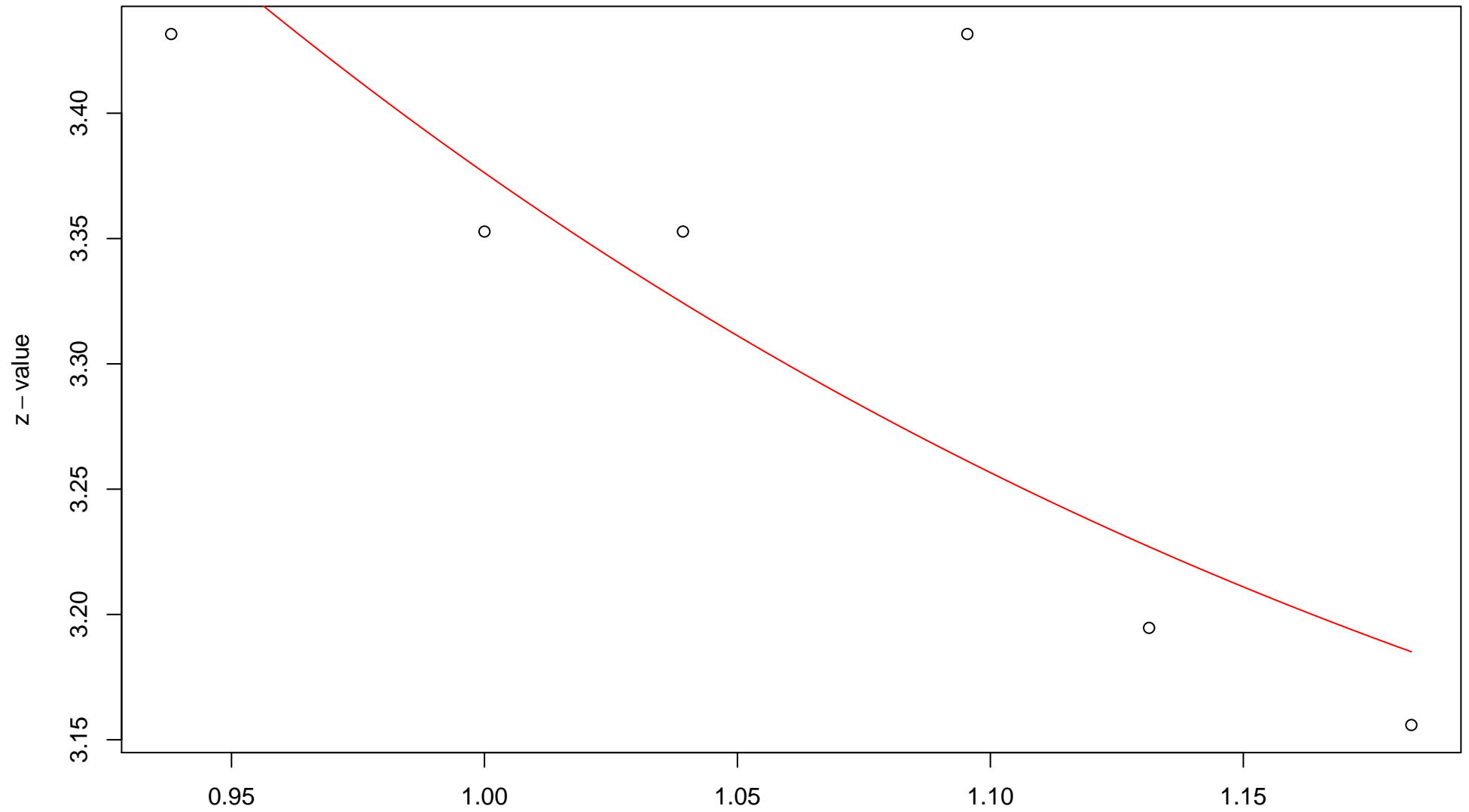


### 304th edge



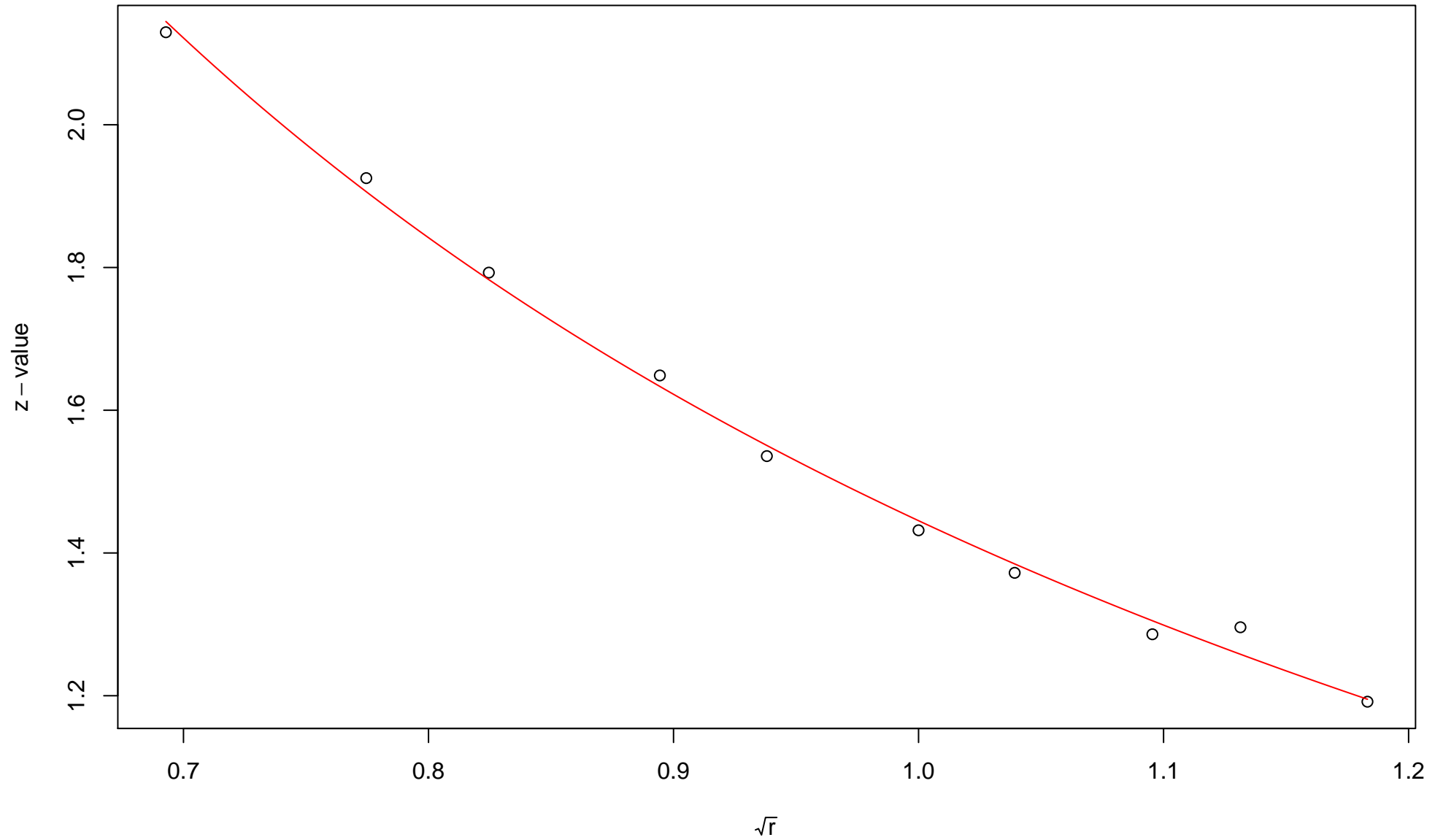
$\sqrt{r}$   
AU = 0.78 , BP = 0 ,  $v = 1.21$  , c = 1.98 , pchi = 0.88

### 305th edge



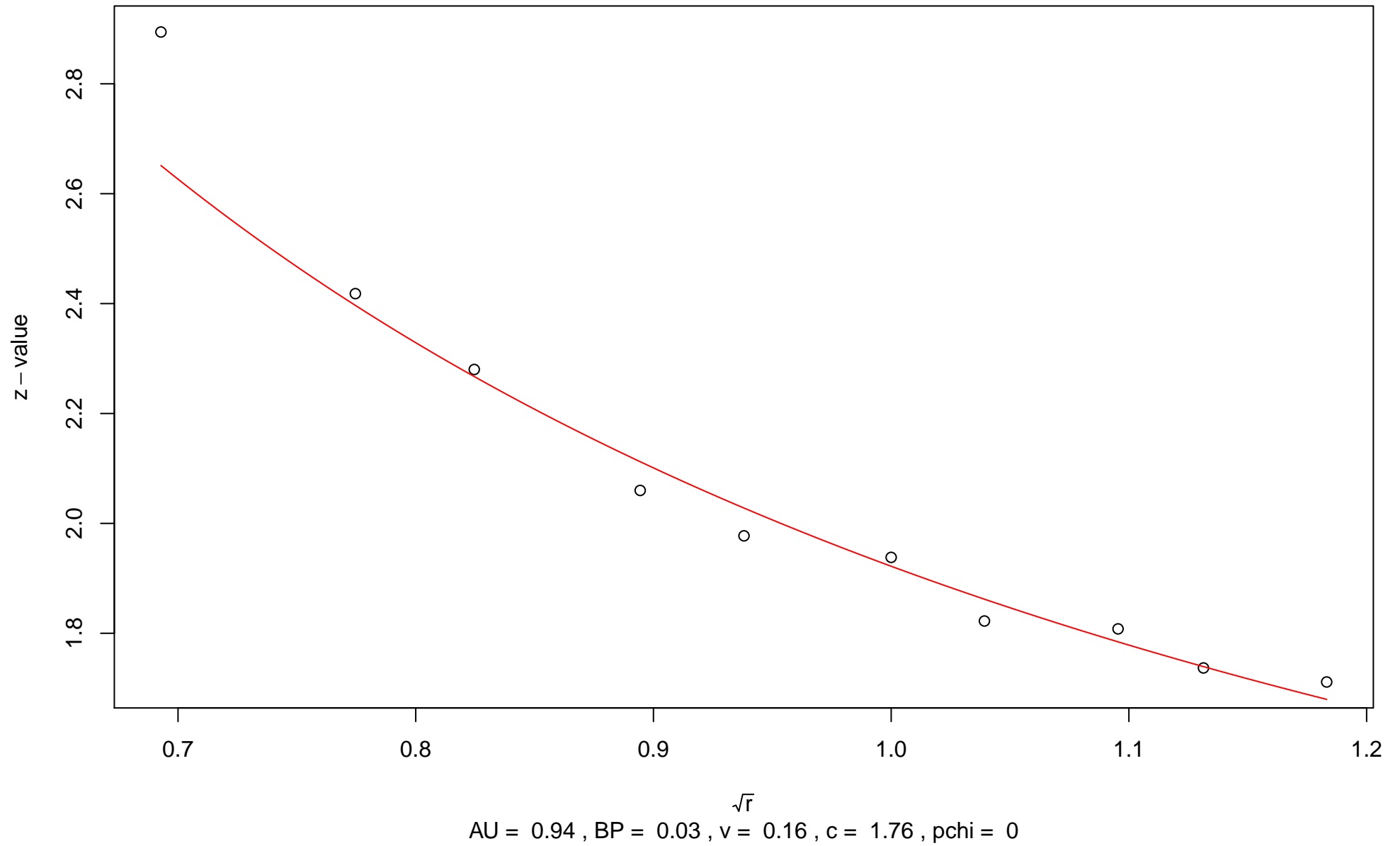
$\sqrt{r}$   
AU = 0.92 , BP = 0 ,  $v$  = 0.98 , c = 2.4 , pchi = 0.83

### 306th edge

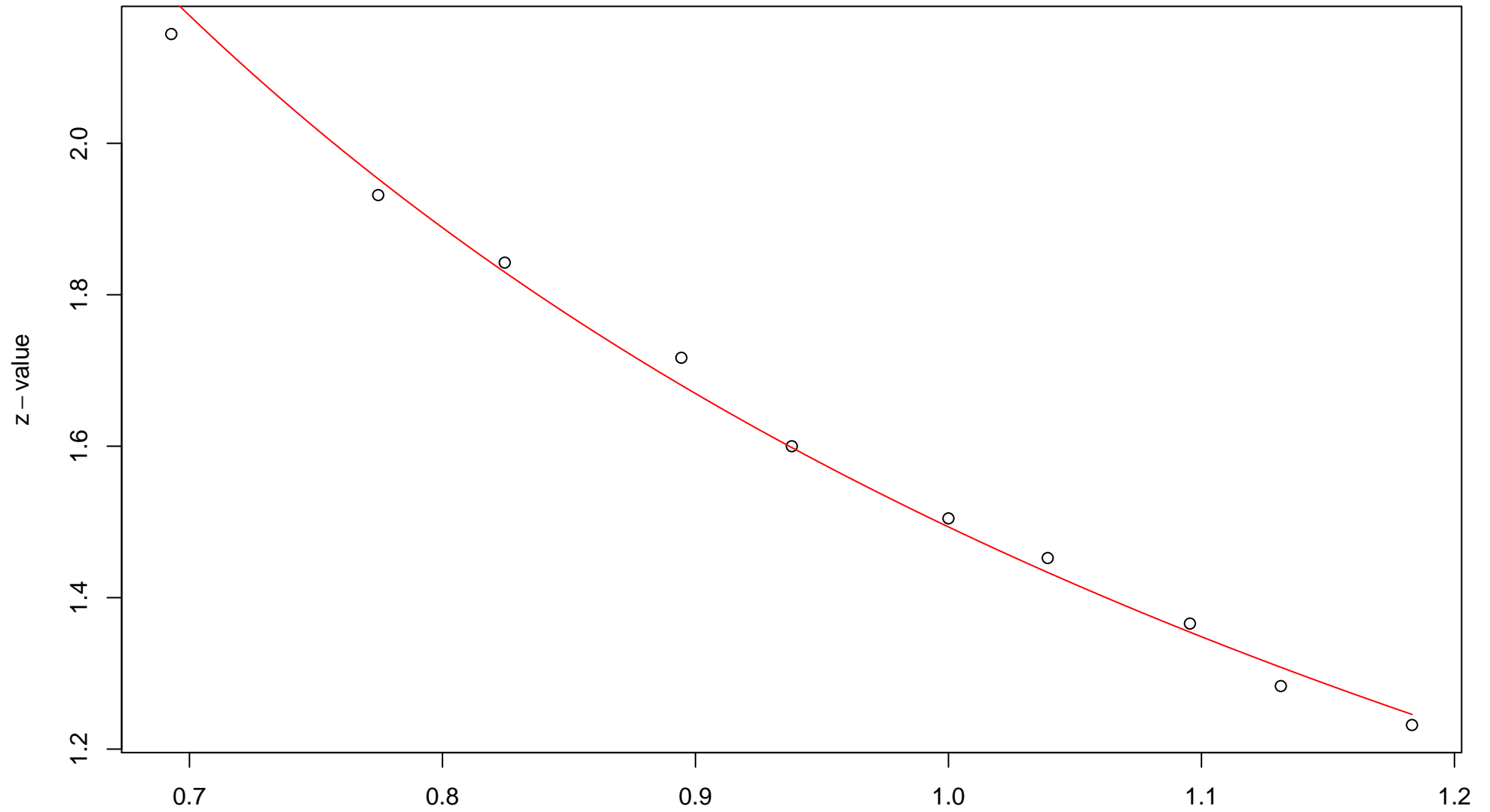


$\sqrt{r}$   
AU = 0.95 , BP = 0.07 ,  $v = -0.08$  ,  $c = 1.52$  ,  $pchi = 0.33$

### 307th edge

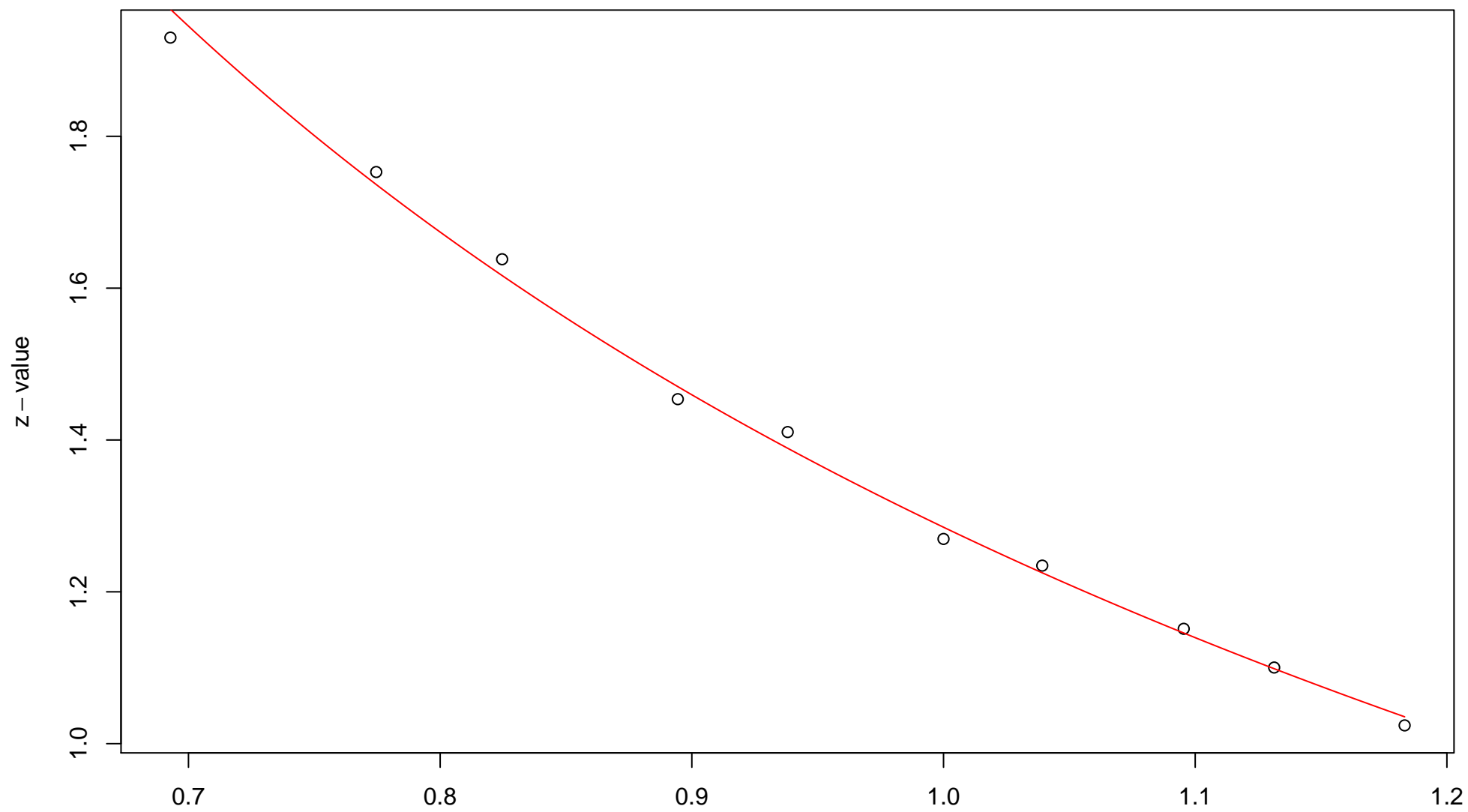


### 308th edge



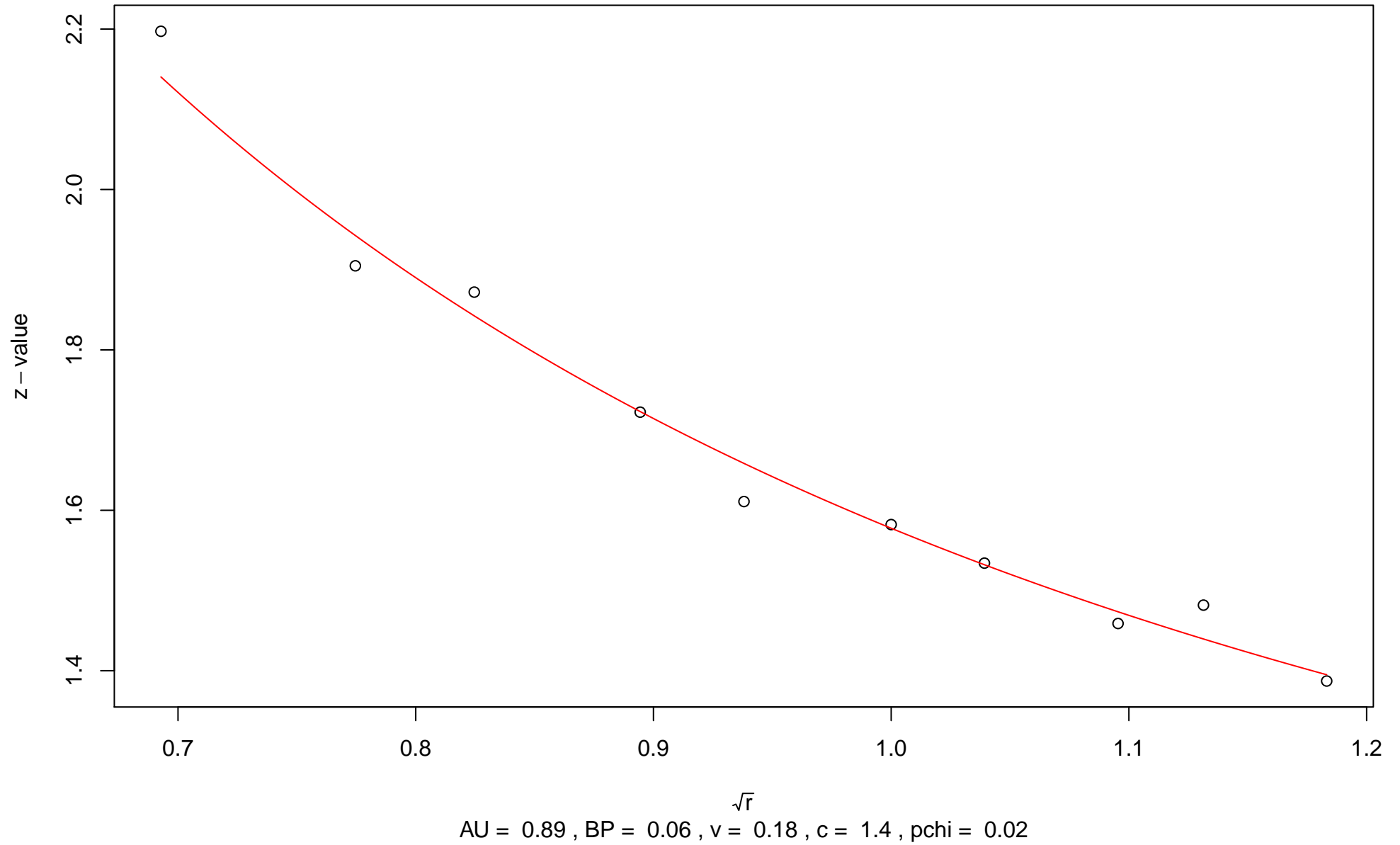
$\sqrt{r}$   
AU = 0.94 , BP = 0.07 ,  $v = -0.05$  ,  $c = 1.54$  ,  $pchi = 0.23$

### 309th edge

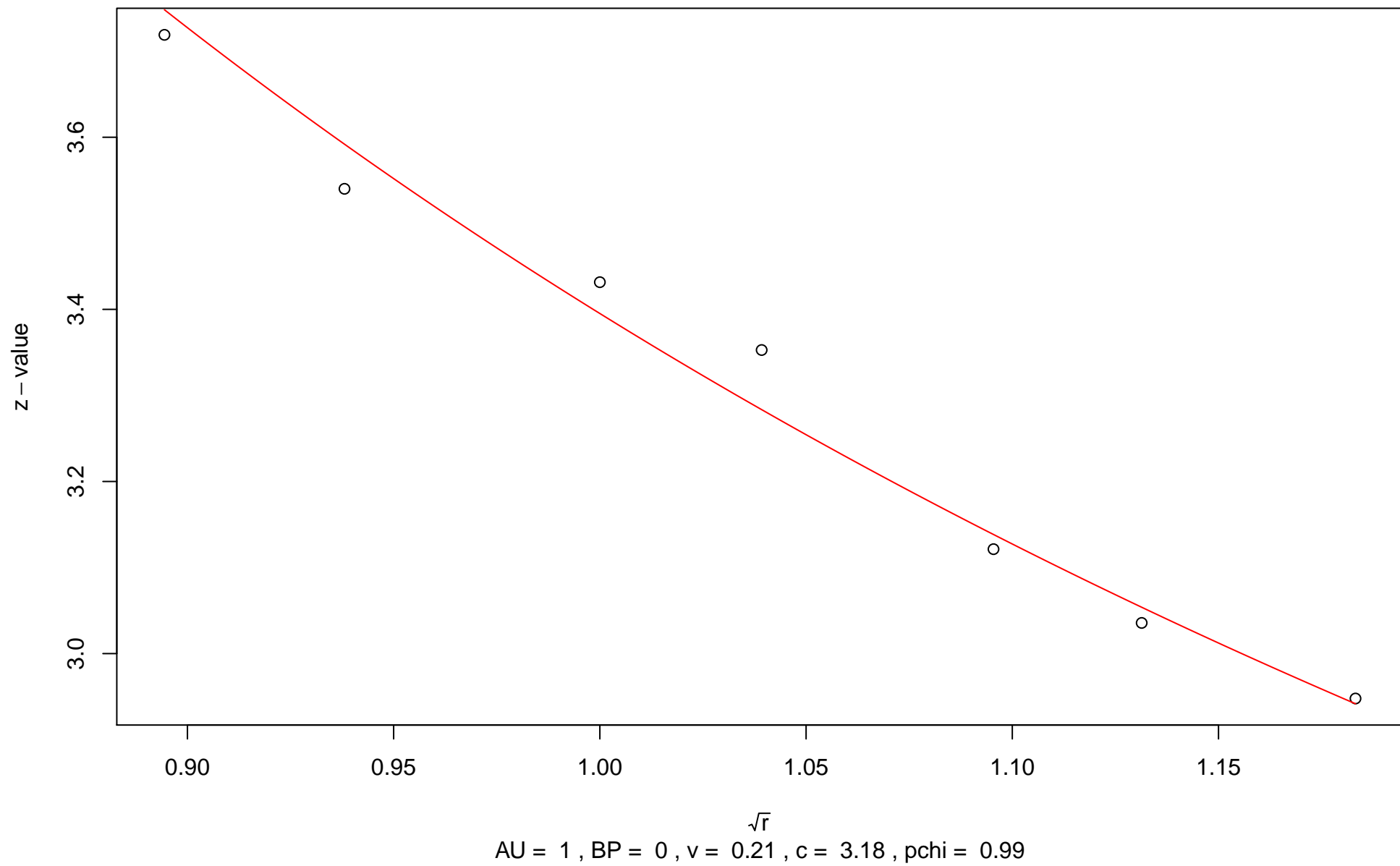


$\sqrt{r}$   
AU = 0.94 , BP = 0.1 ,  $v = -0.15$  ,  $c = 1.44$  ,  $pchi = 0.47$

### 310th edge

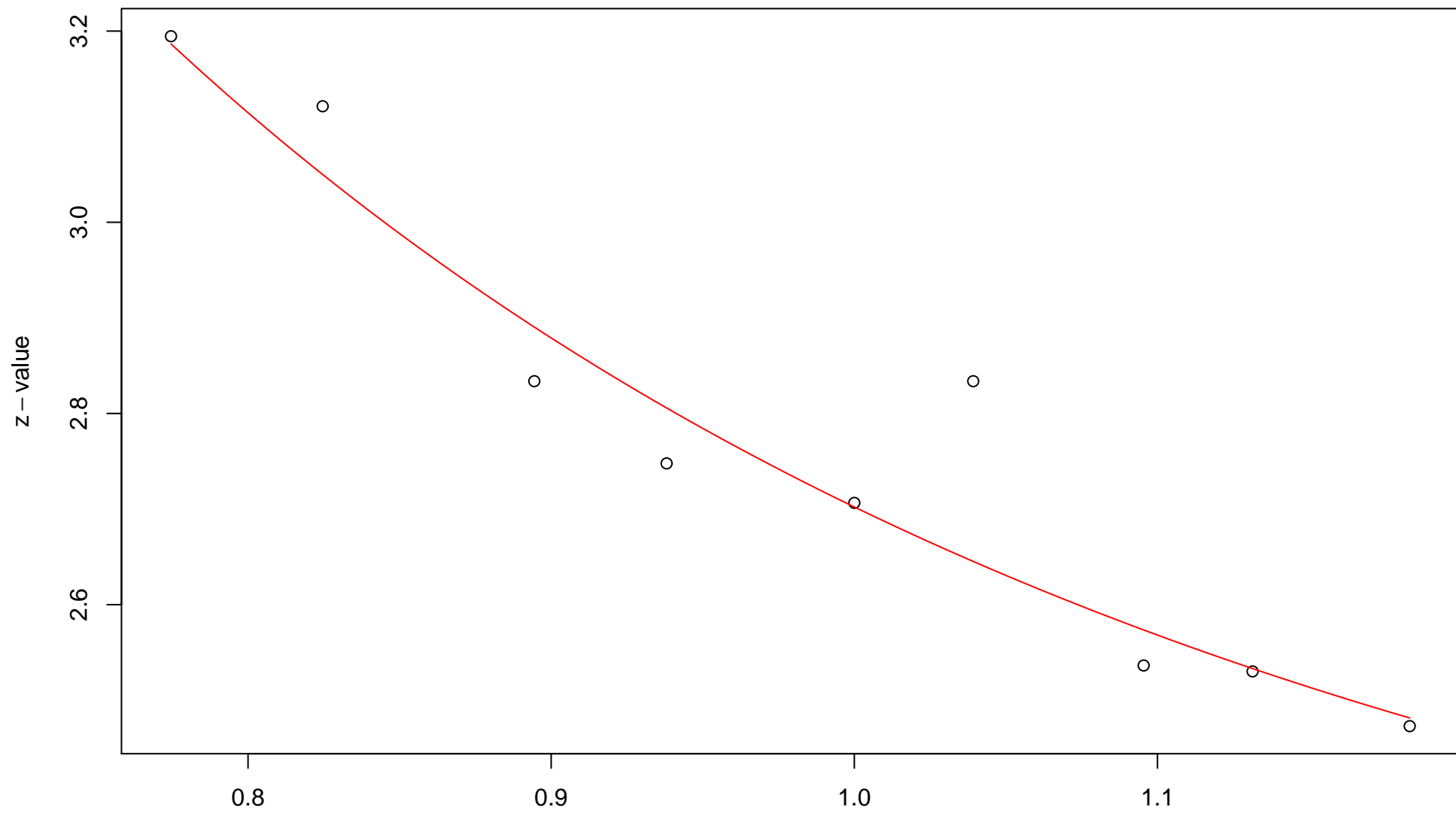


### 311st edge



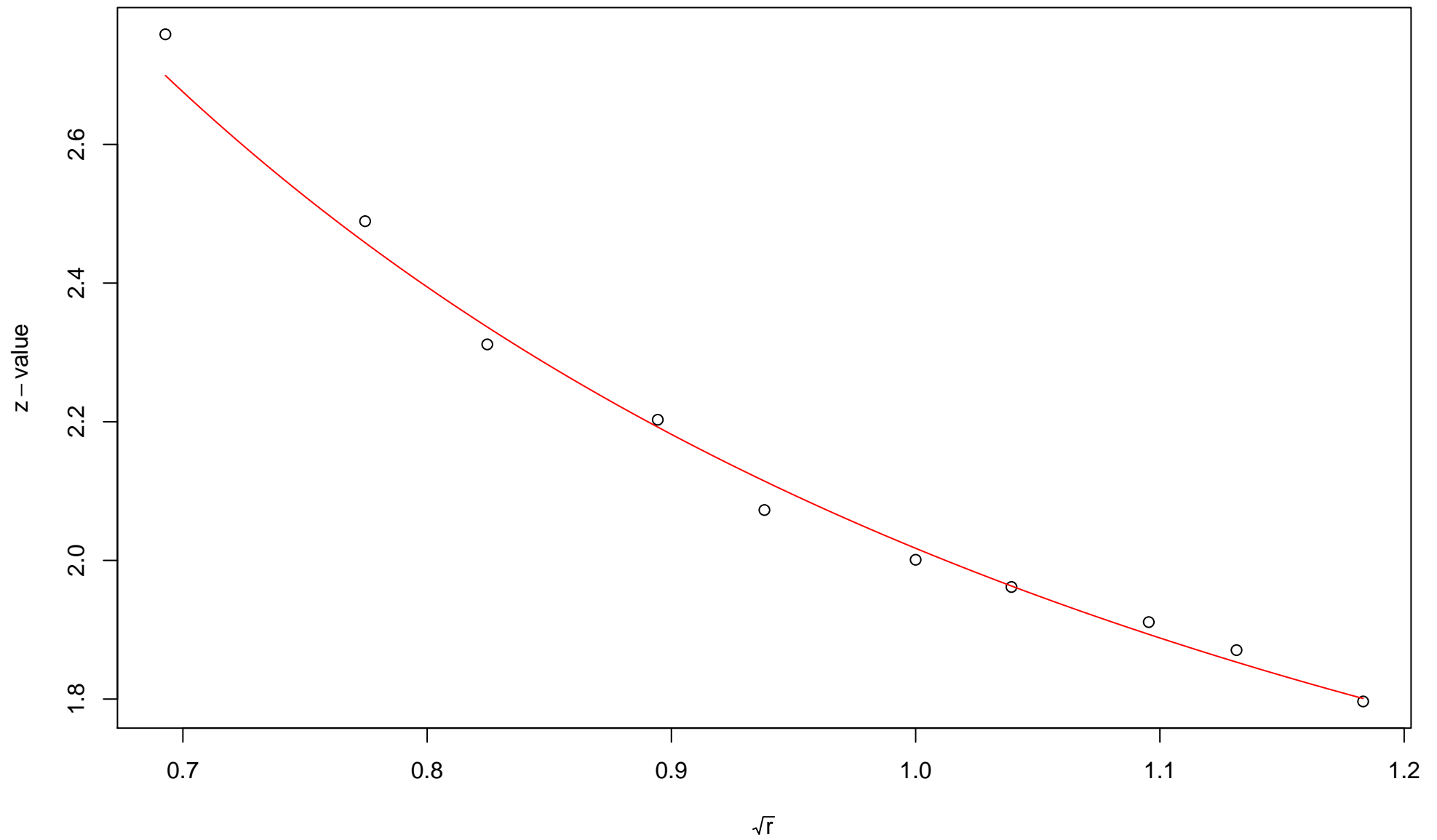


### 312nd edge



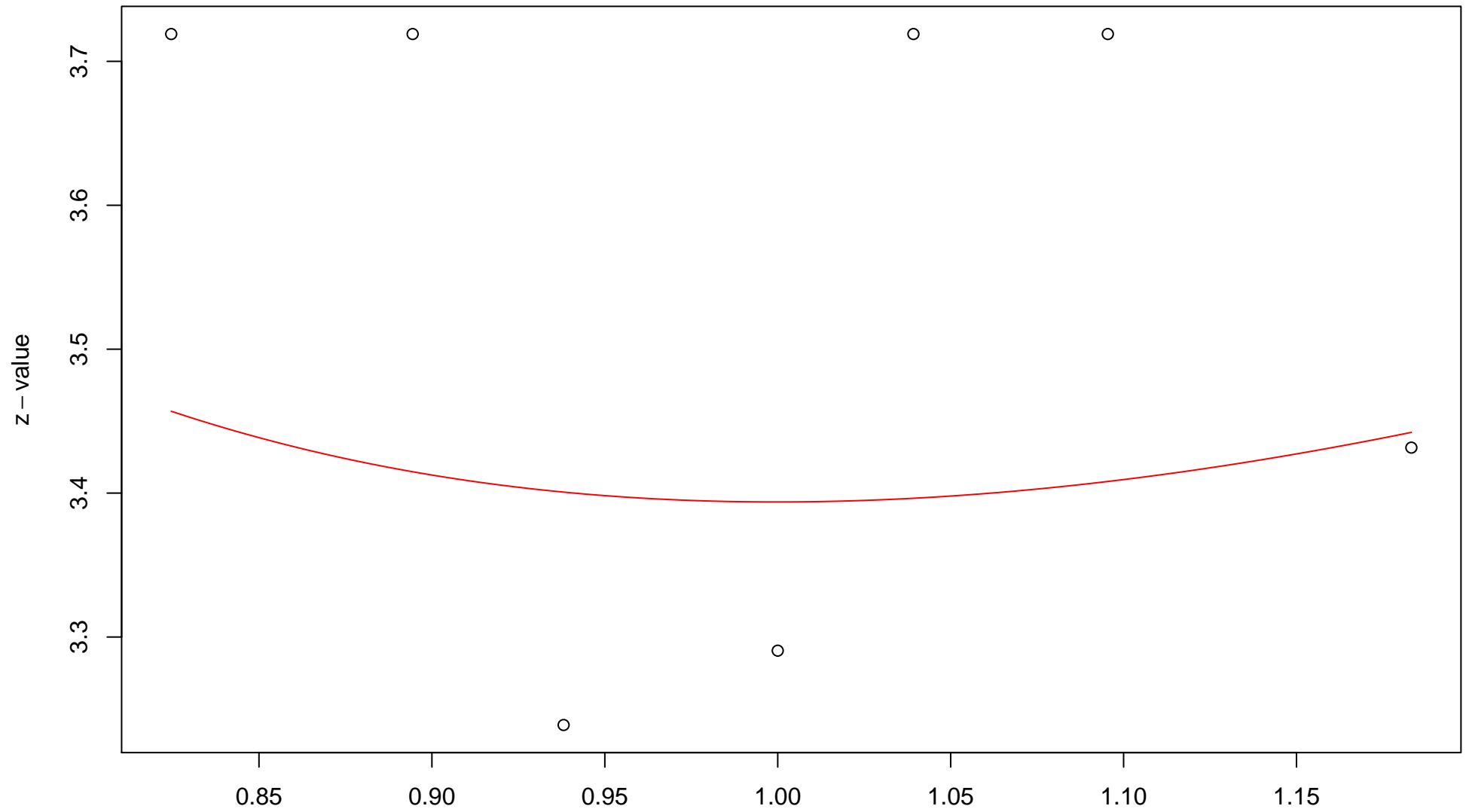
$\sqrt{r}$   
AU = 0.94 , BP = 0 ,  $v = 0.58$  , c = 2.12 , pchi = 0.14

### 313rd edge



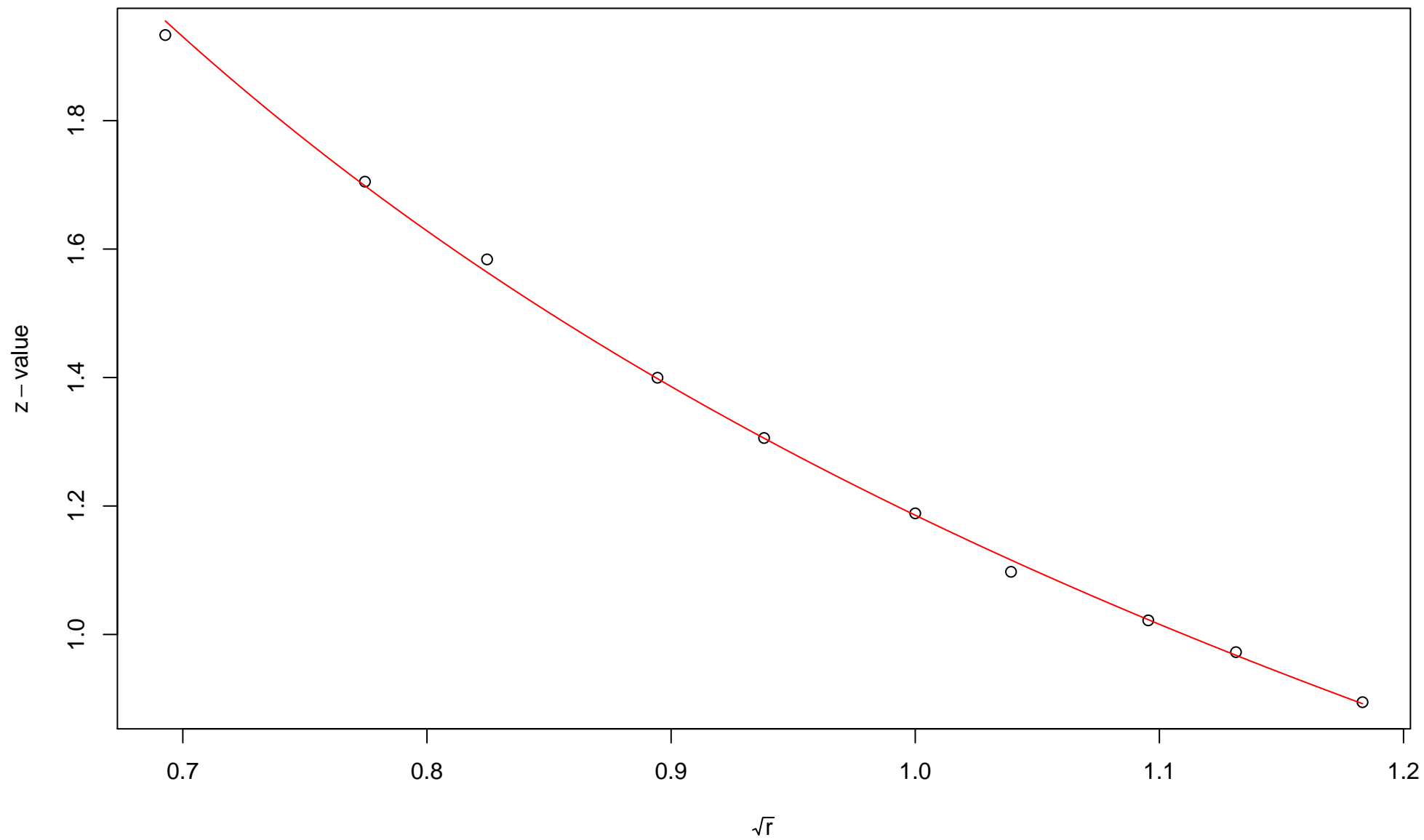
$\sqrt{r}$   
AU = 0.93 , BP = 0.02 , v = 0.28 , c = 1.73 , pchi = 0.72

### 314th edge



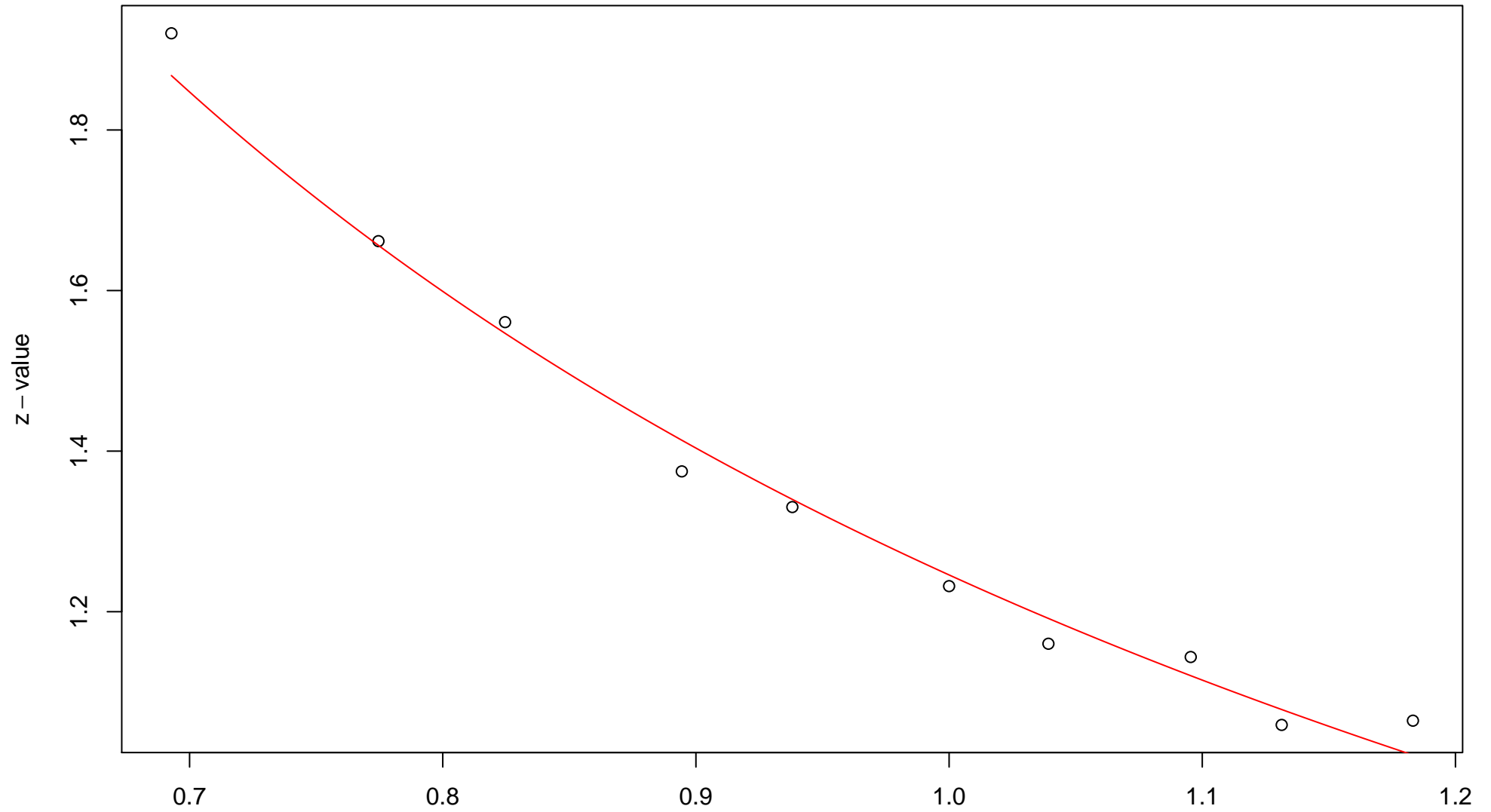
$\sqrt{r}$   
AU = 0.5 , BP = 0 ,  $v = 1.7$  ,  $c = 1.7$  , pchi = 0.14

### 315th edge



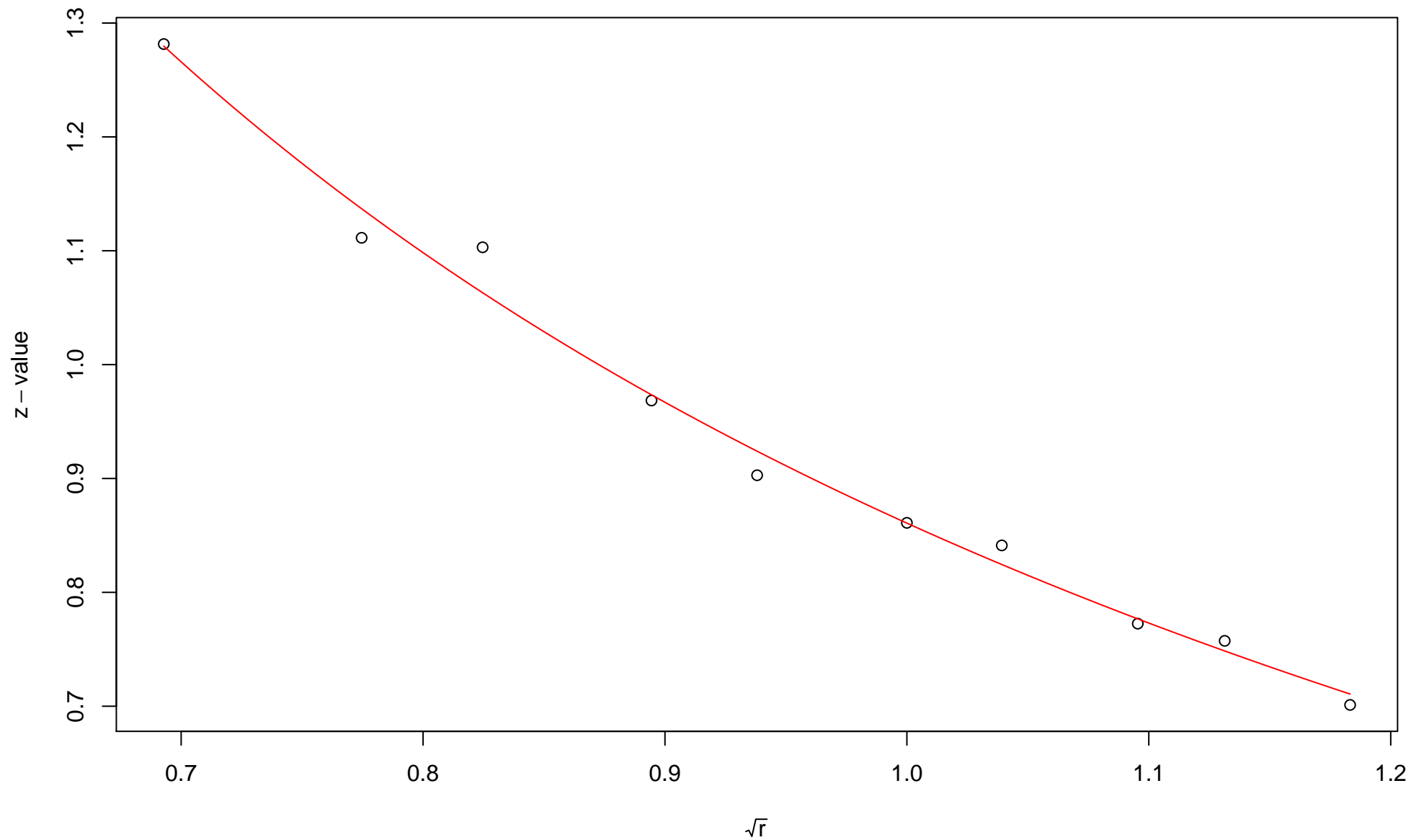
$\sqrt{r}$   
AU = 0.97 , BP = 0.12 ,  $v = -0.32$  ,  $c = 1.51$  ,  $pchi = 0.91$

### 316th edge



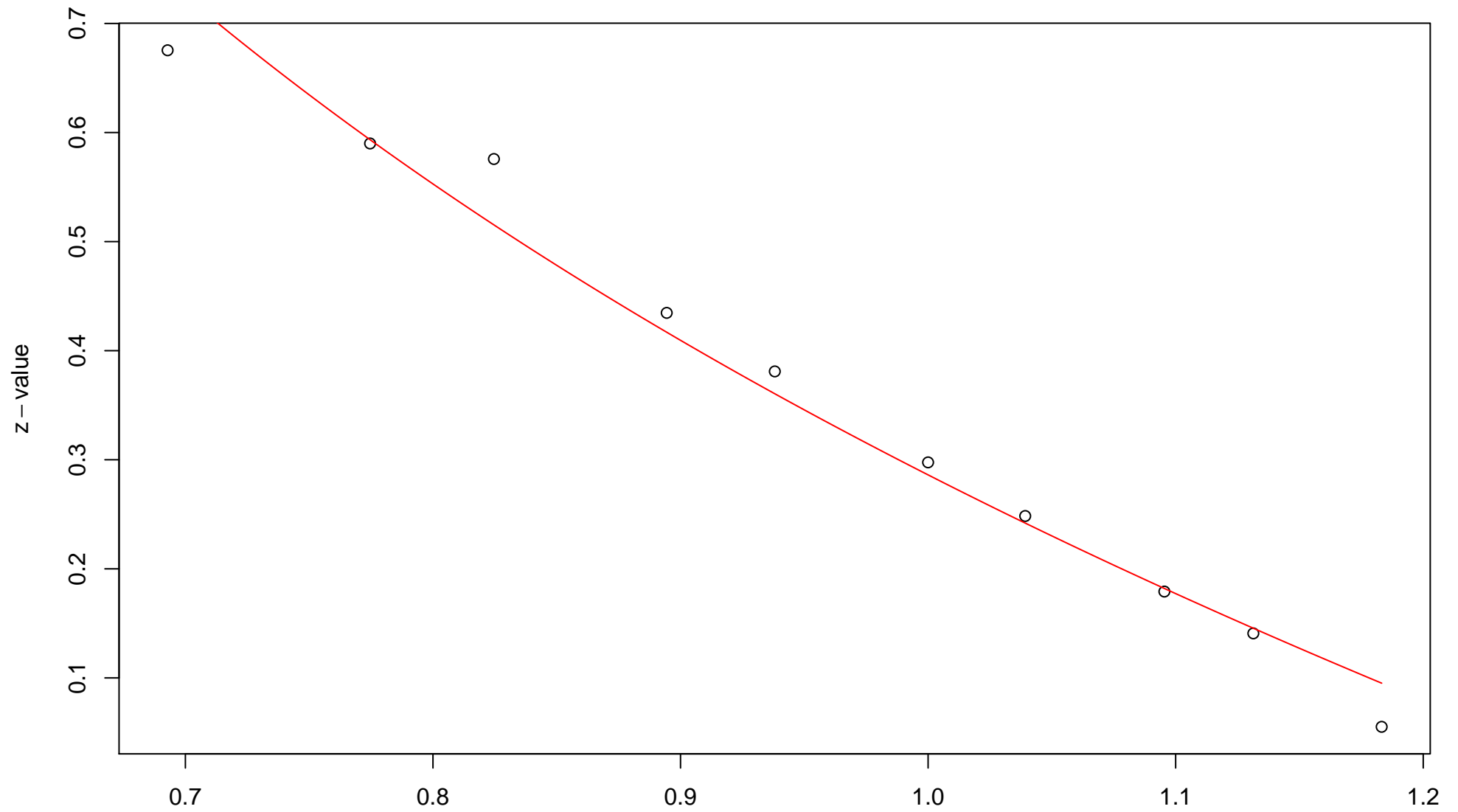
$\sqrt{r}$   
AU = 0.92 , BP = 0.11 , v = -0.09 , c = 1.34 , pchi = 0

### 317th edge



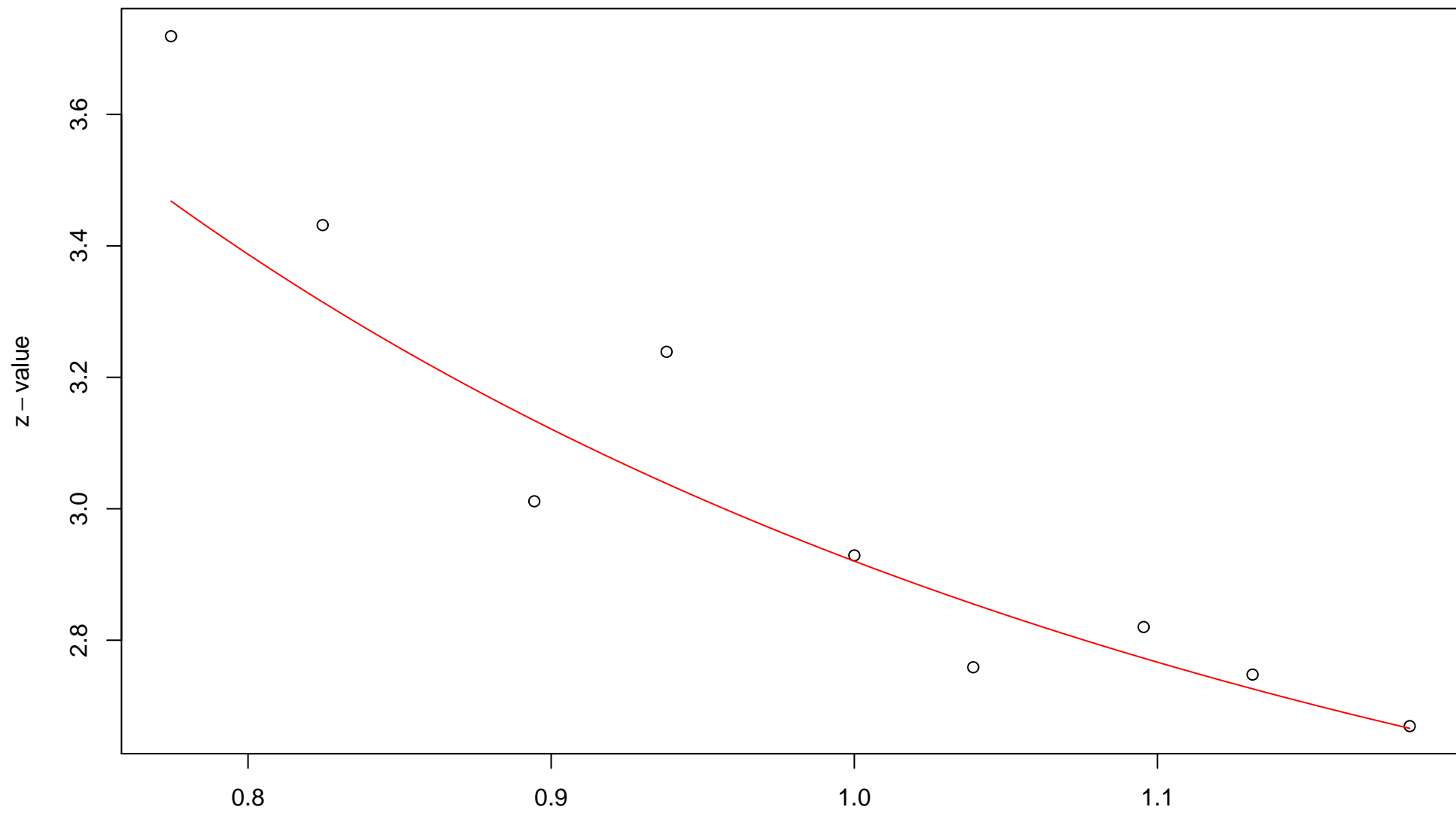
$\sqrt{r}$   
AU = 0.83 , BP = 0.19 ,  $v = -0.05$  ,  $c = 0.91$  , pchi = 0.09

### 318th edge



$\sqrt{r}$   
AU = 0.88 , BP = 0.39 , v = -0.43 , c = 0.72 , pchi = 0

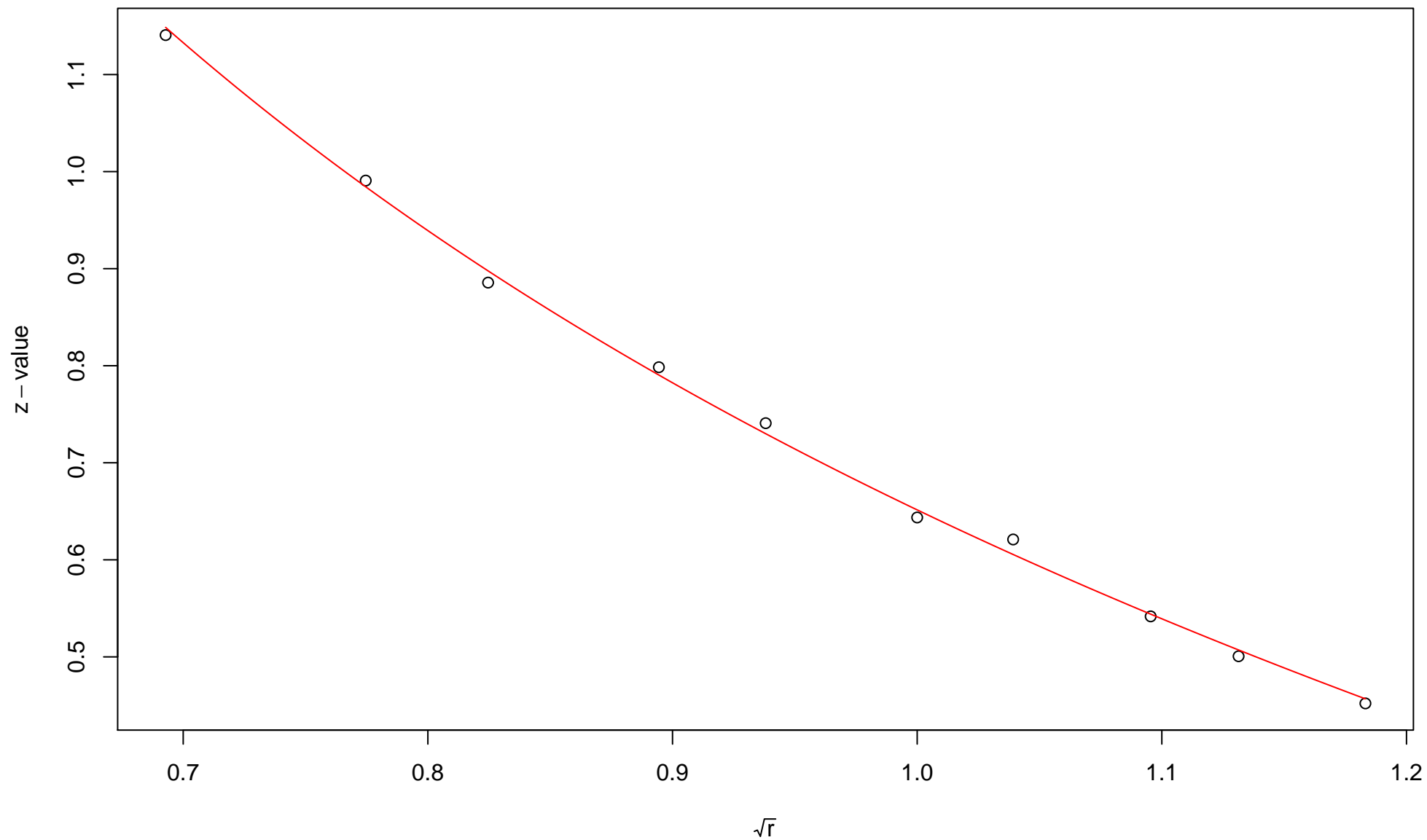
### 319th edge



$\sqrt{r}$   
AU = 0.96 , BP = 0 , v = 0.58 , c = 2.34 , pchi = 0.2

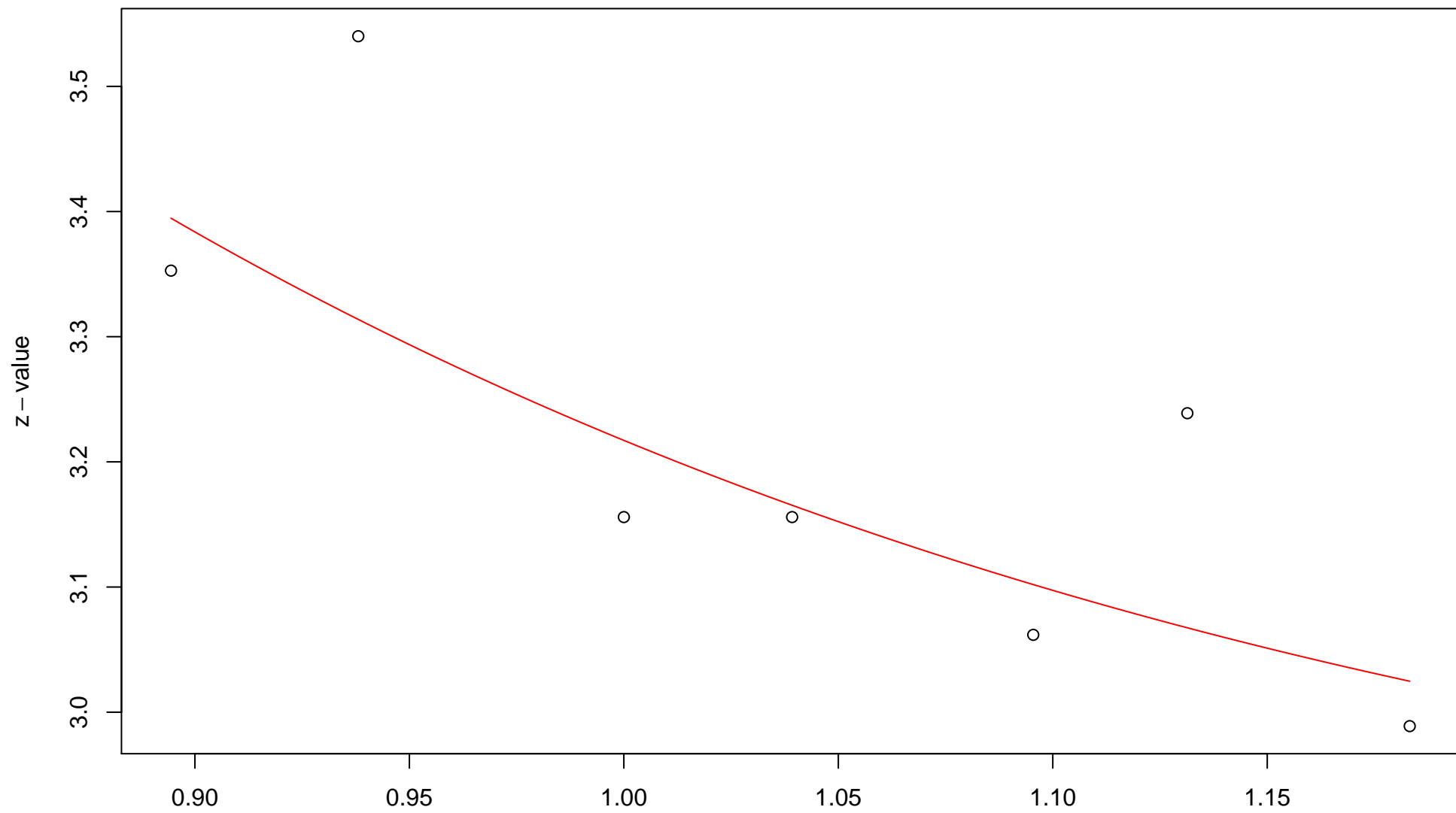


### 320th edge



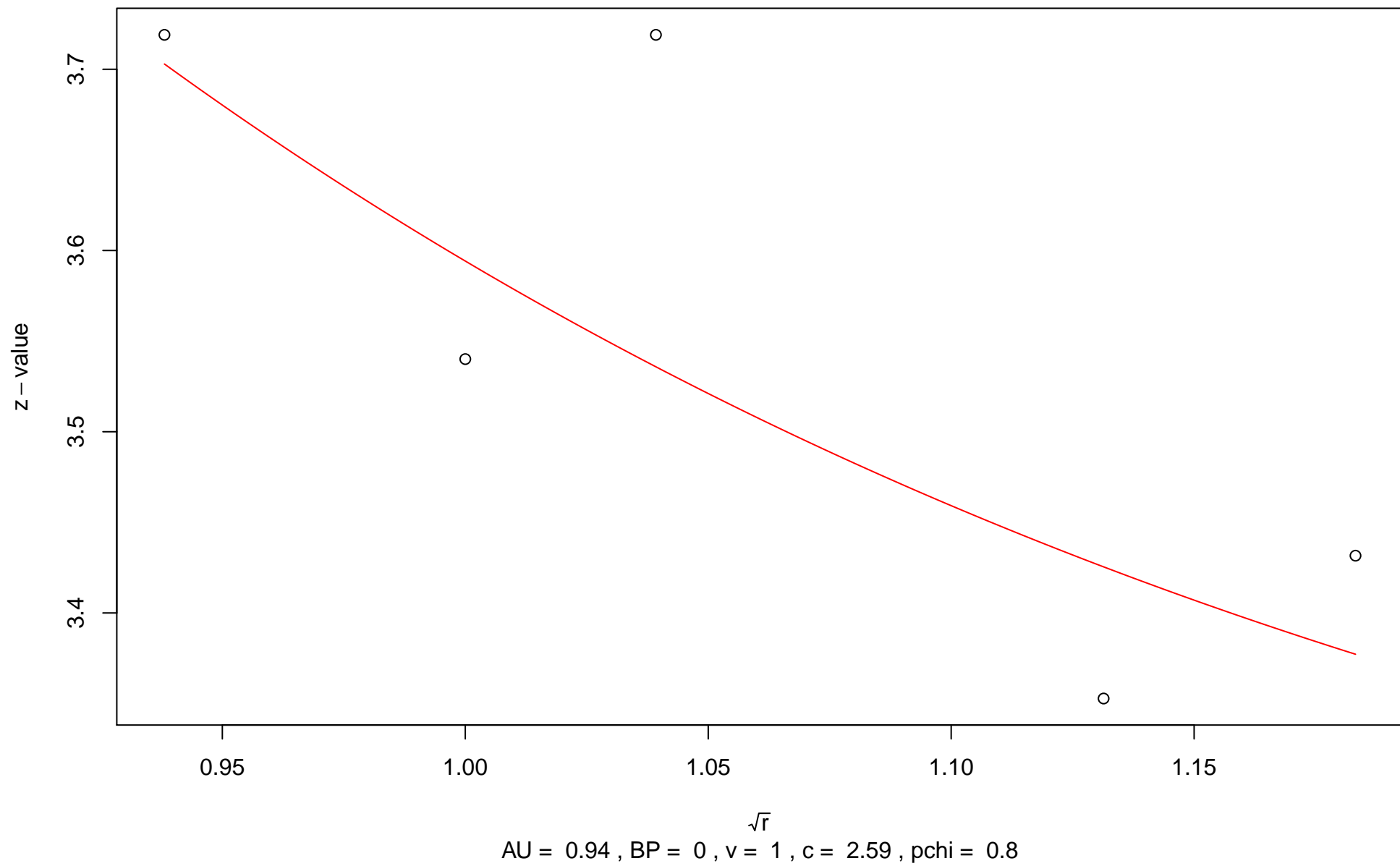
$\sqrt{r}$   
AU = 0.89 , BP = 0.26 ,  $v = -0.28$  ,  $c = 0.93$  , pchi = 0.85

### 321st edge

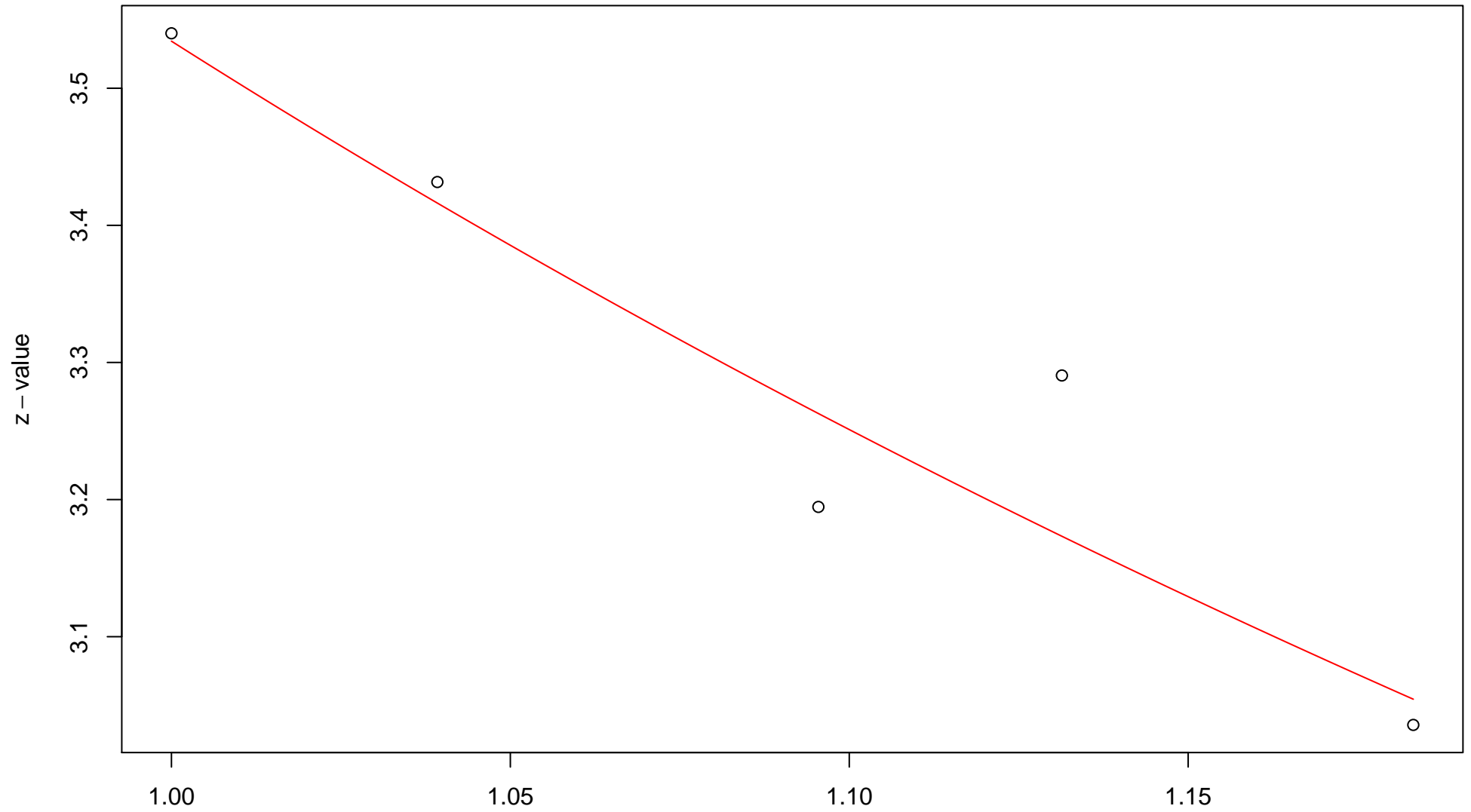


$\sqrt{r}$   
AU = 0.92 , BP = 0 , v = 0.9 , c = 2.31 , pchi = 0.48

### 322nd edge

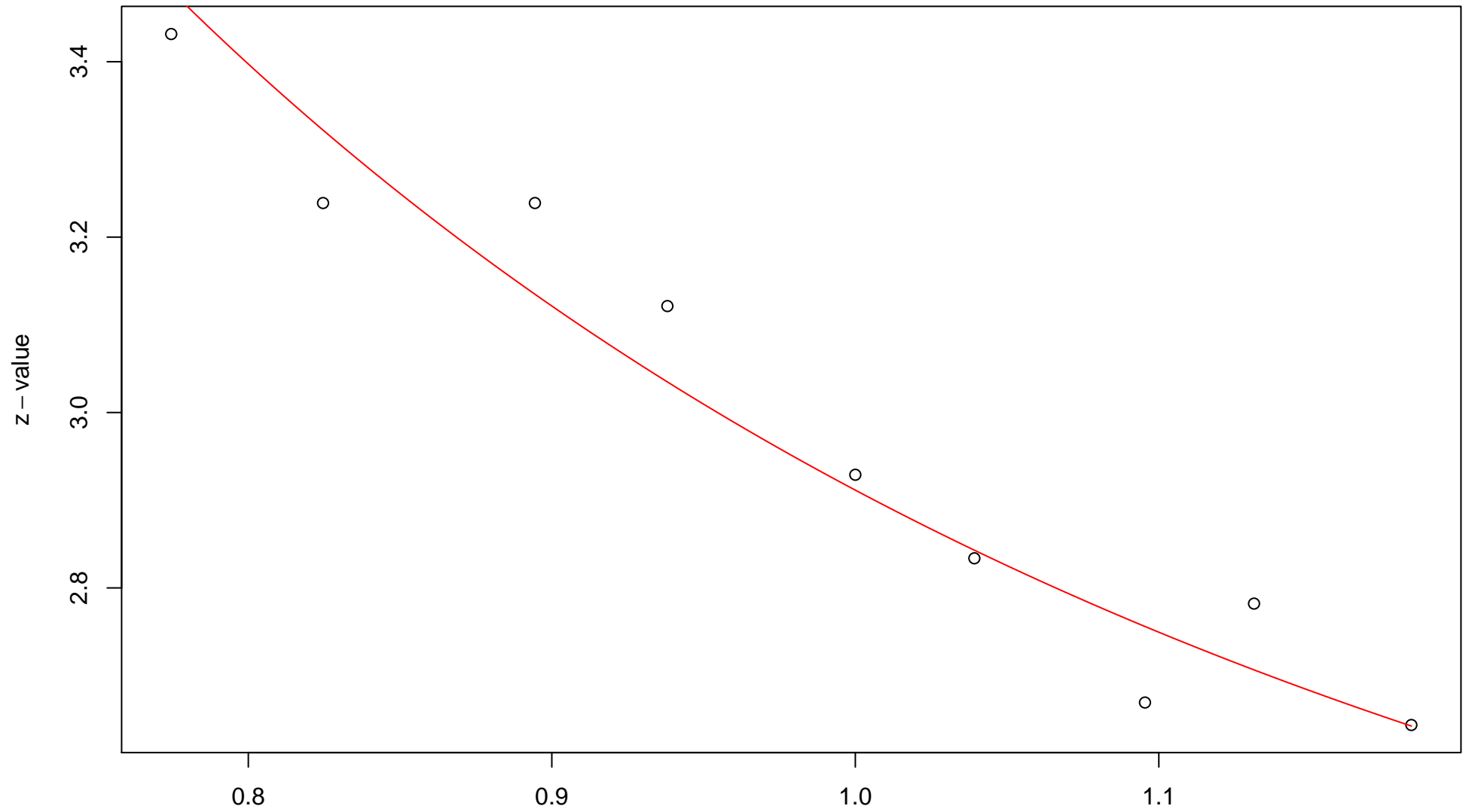


### 323rd edge



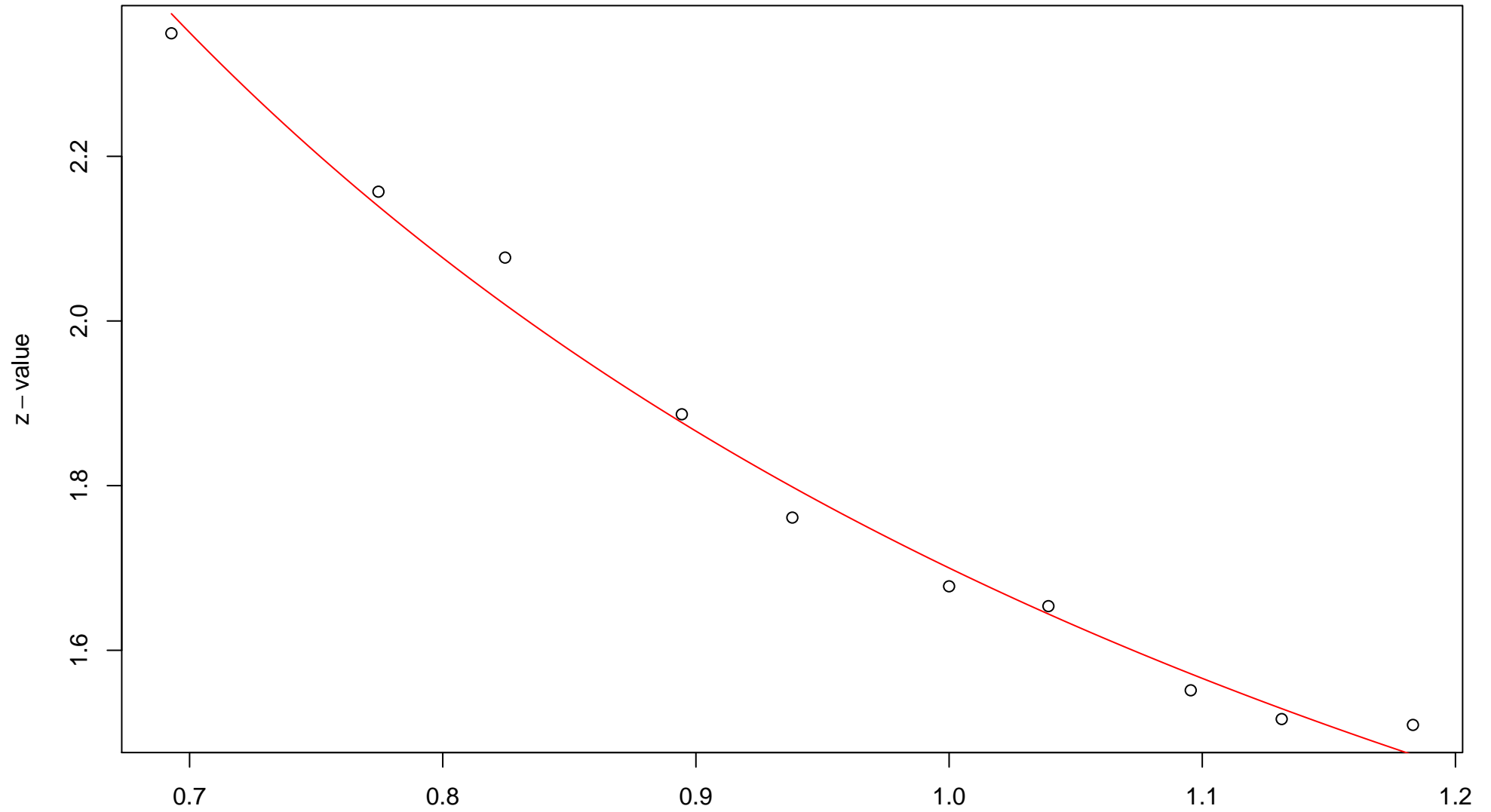
$\sqrt{r}$   
AU = 1 , BP = 0 , v = 0.2 , c = 3.34 , pchi = 0.73

### 324th edge



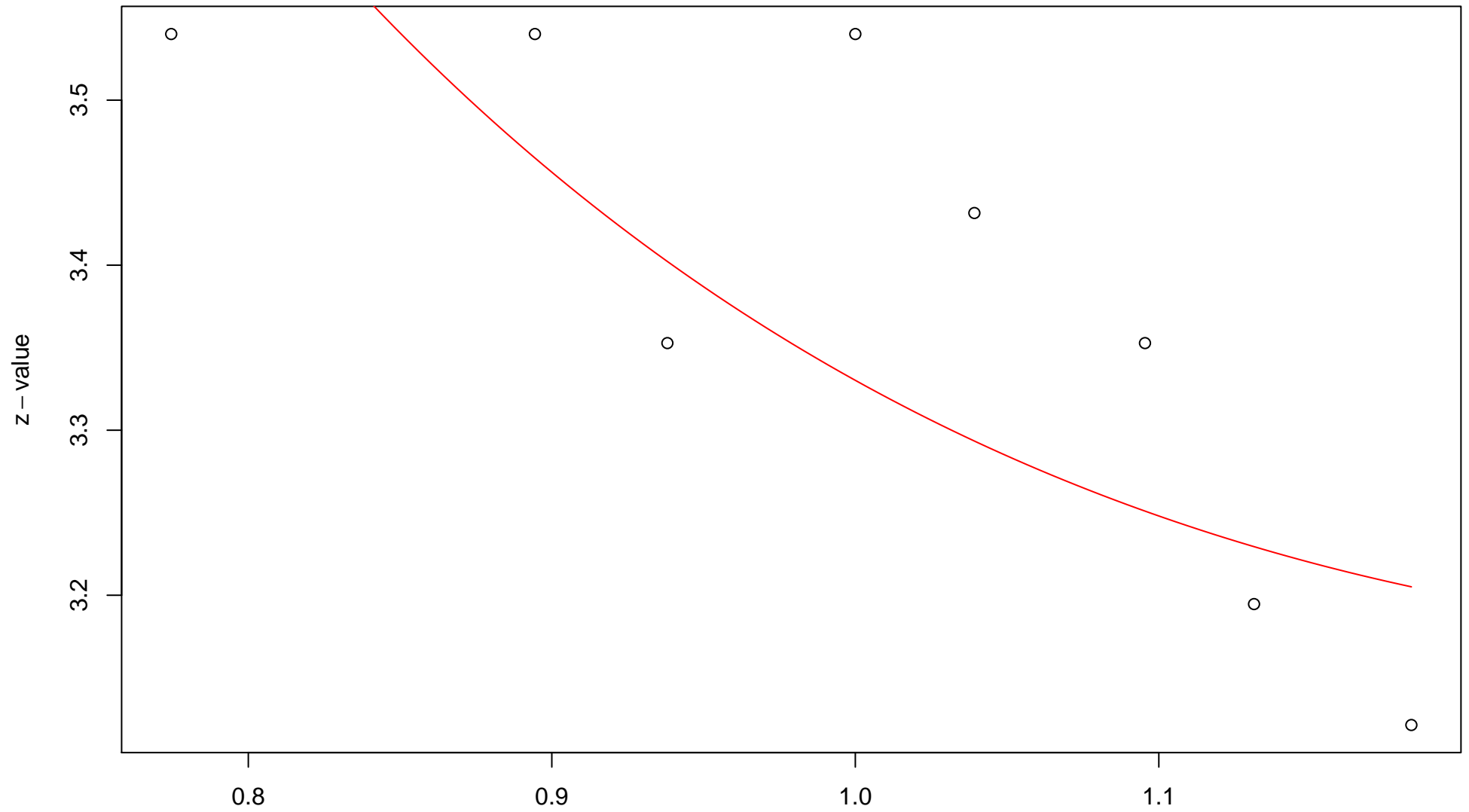
$\sqrt{r}$   
AU = 0.97 , BP = 0 ,  $v$  = 0.54 ,  $c$  = 2.37 , pchi = 0.51

### 325th edge



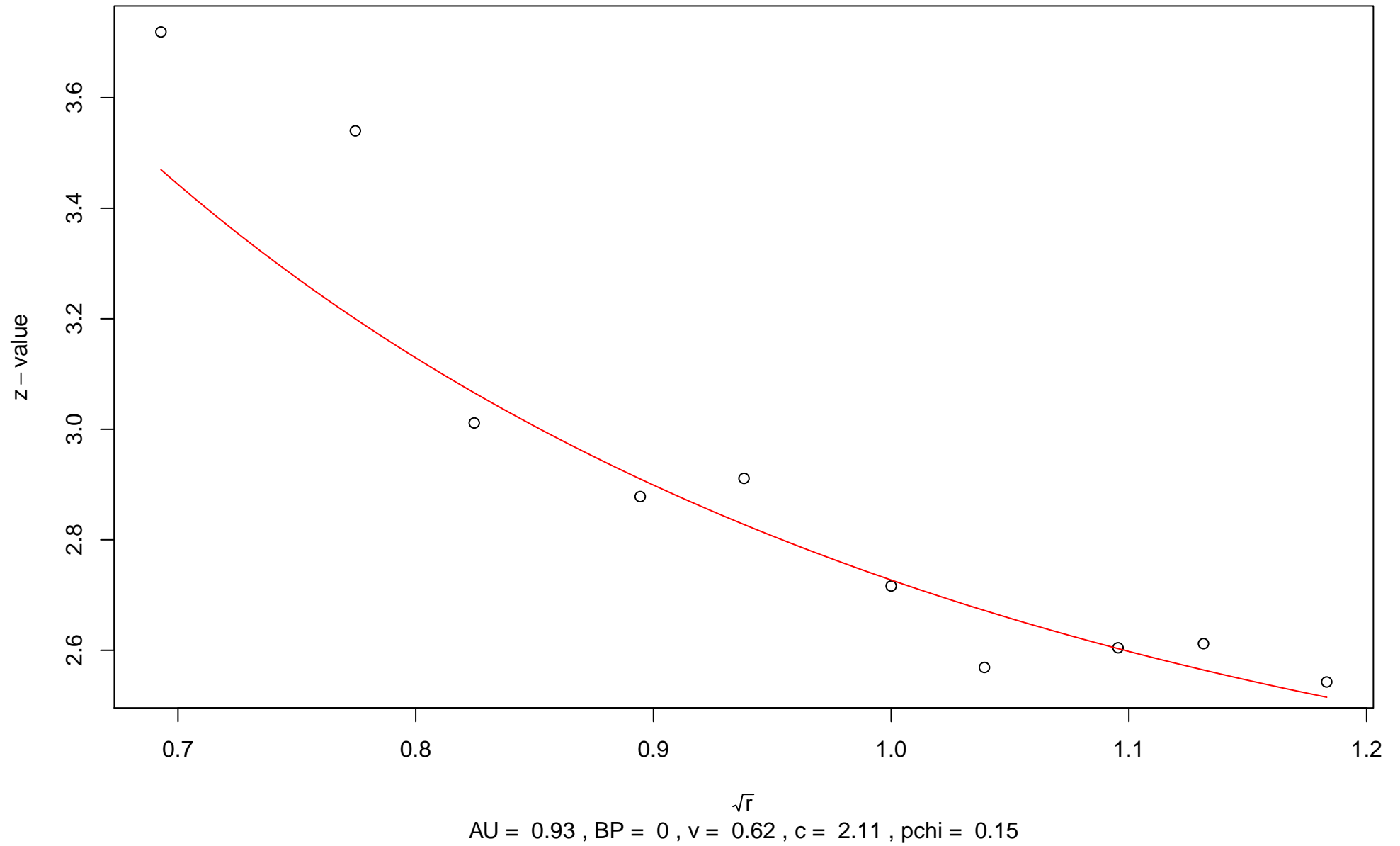
$\sqrt{r}$   
AU = 0.93 , BP = 0.04 ,  $v = 0.11$  , c = 1.59 , pchi = 0.1

### 326th edge



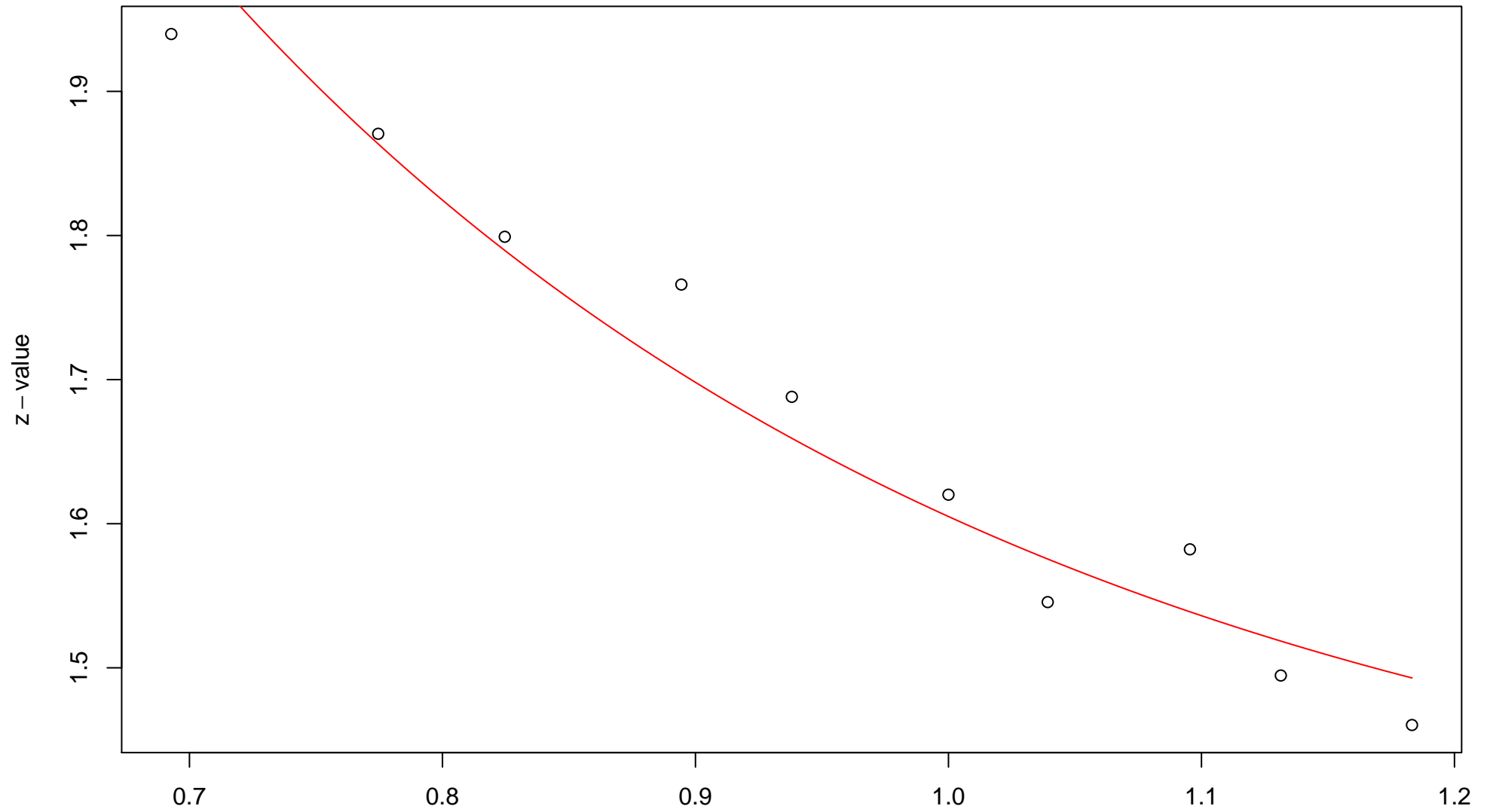
$\sqrt{r}$   
AU = 0.85 , BP = 0 , v = 1.16 , c = 2.17 , pchi = 0.61

### 327th edge



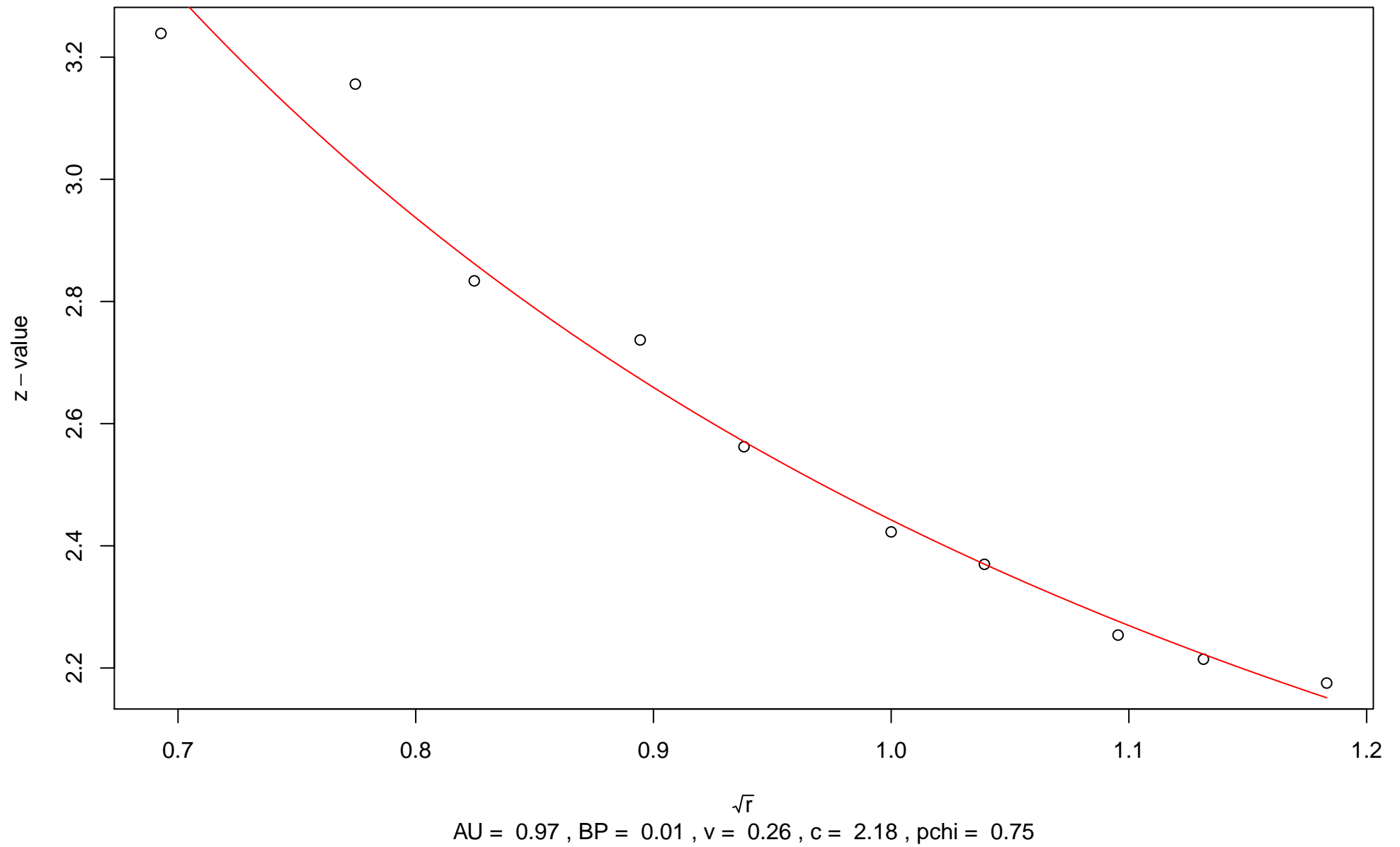


### 328th edge

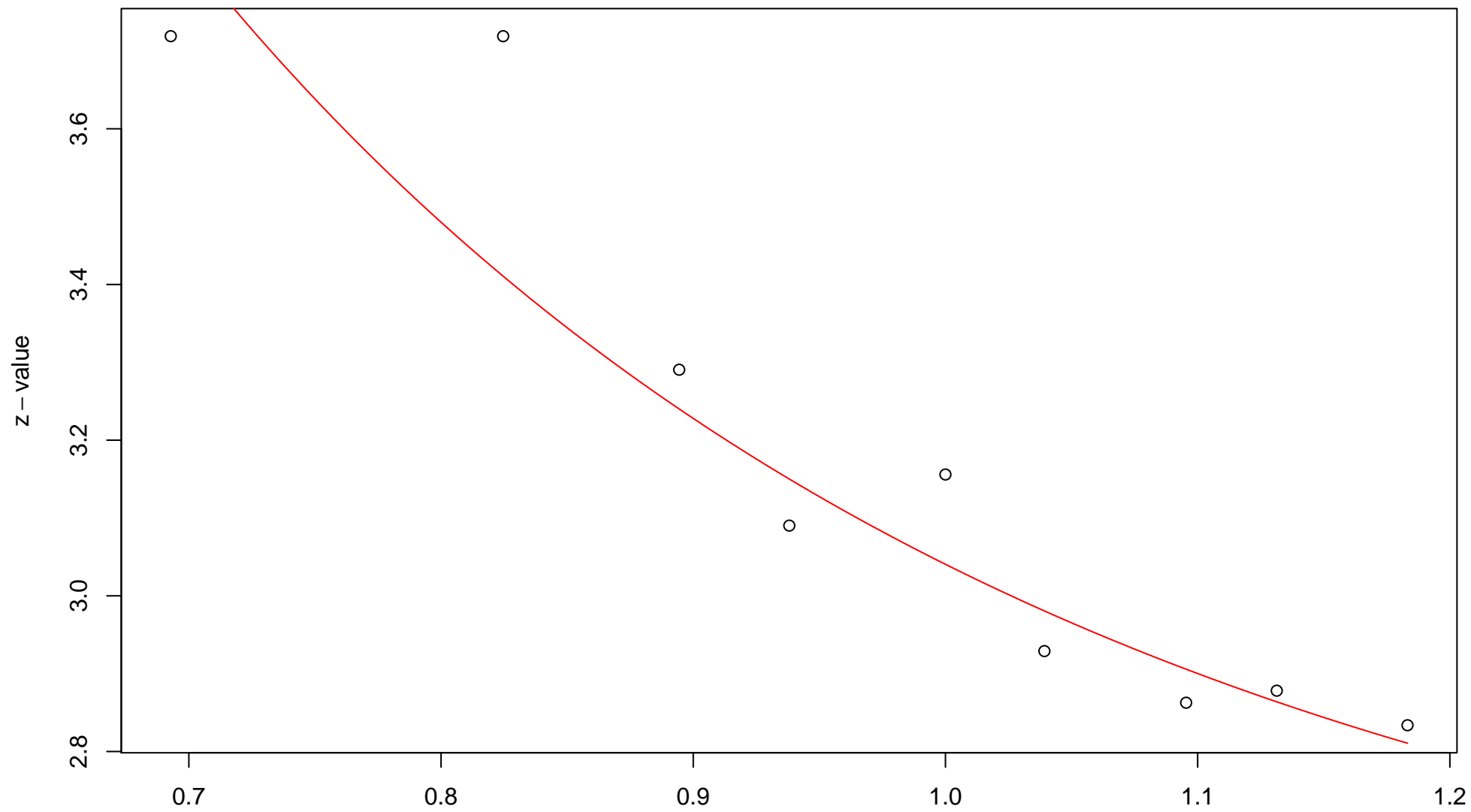


$\sqrt{r}$   
AU = 0.79 , BP = 0.05 ,  $v = 0.4$  ,  $c = 1.2$  , pchi = 0

### 329th edge

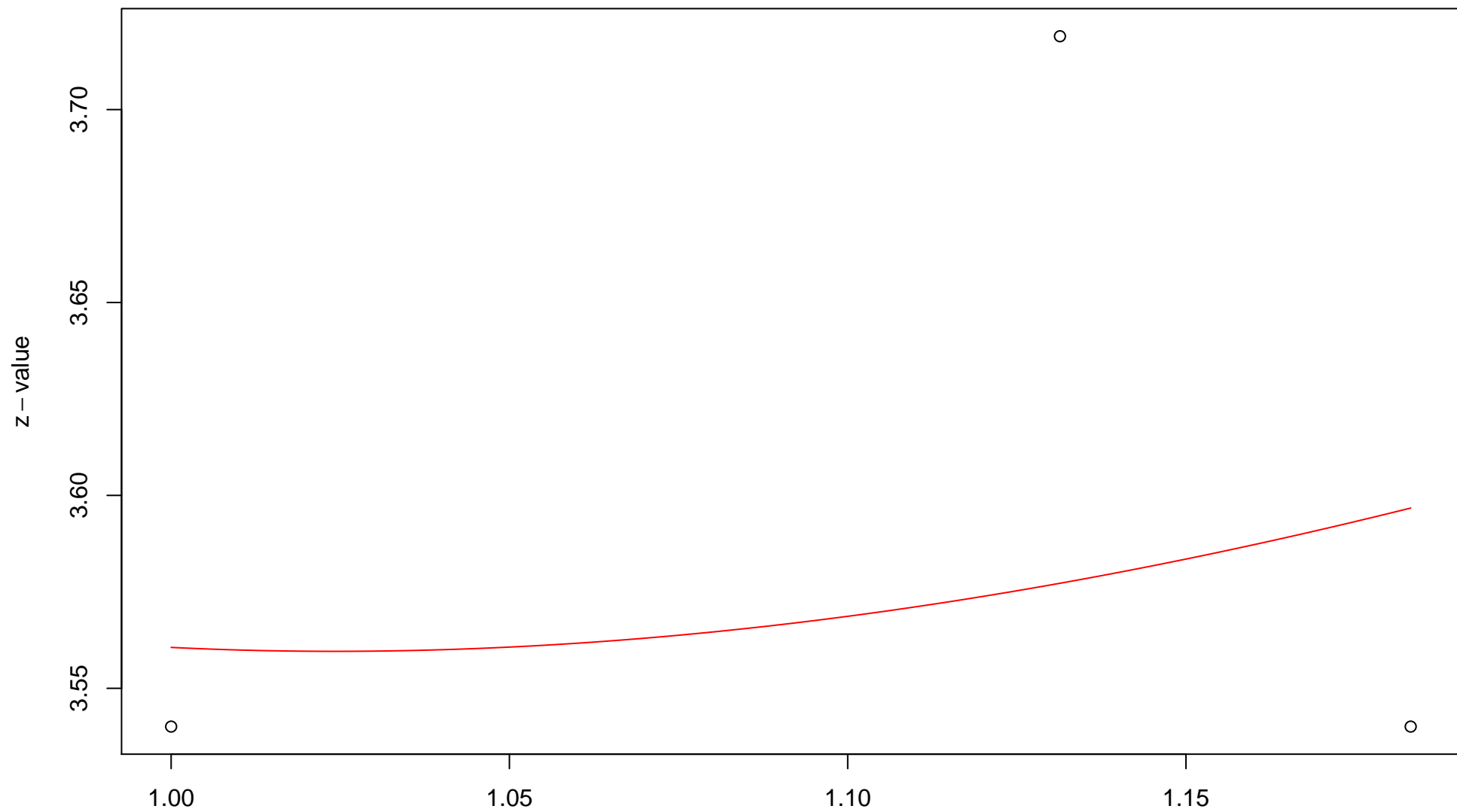


### 330th edge



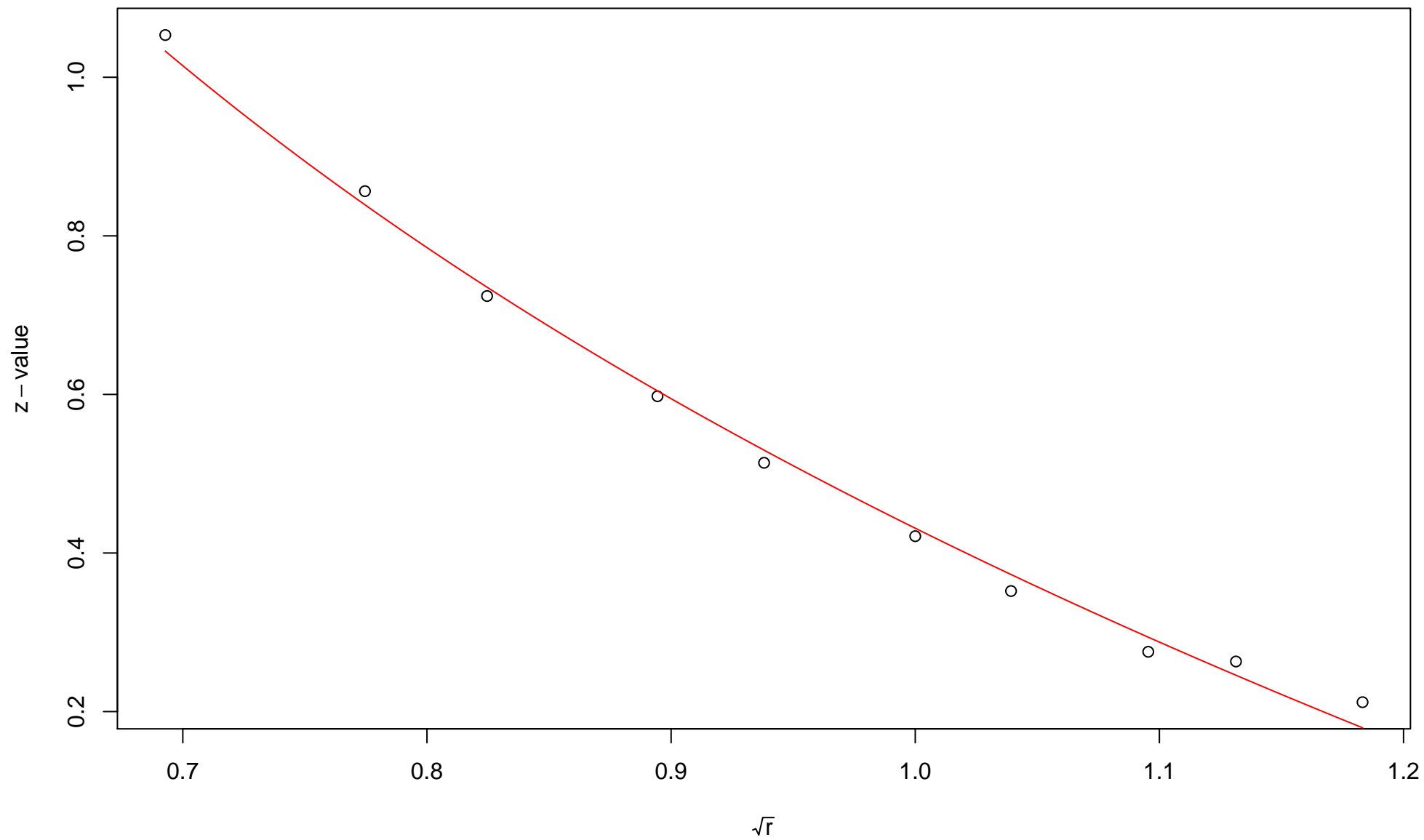
$\sqrt{r}$   
AU = 0.95 , BP = 0 ,  $v = 0.71$  ,  $c = 2.33$  ,  $pchi = 0.71$

### 331st edge



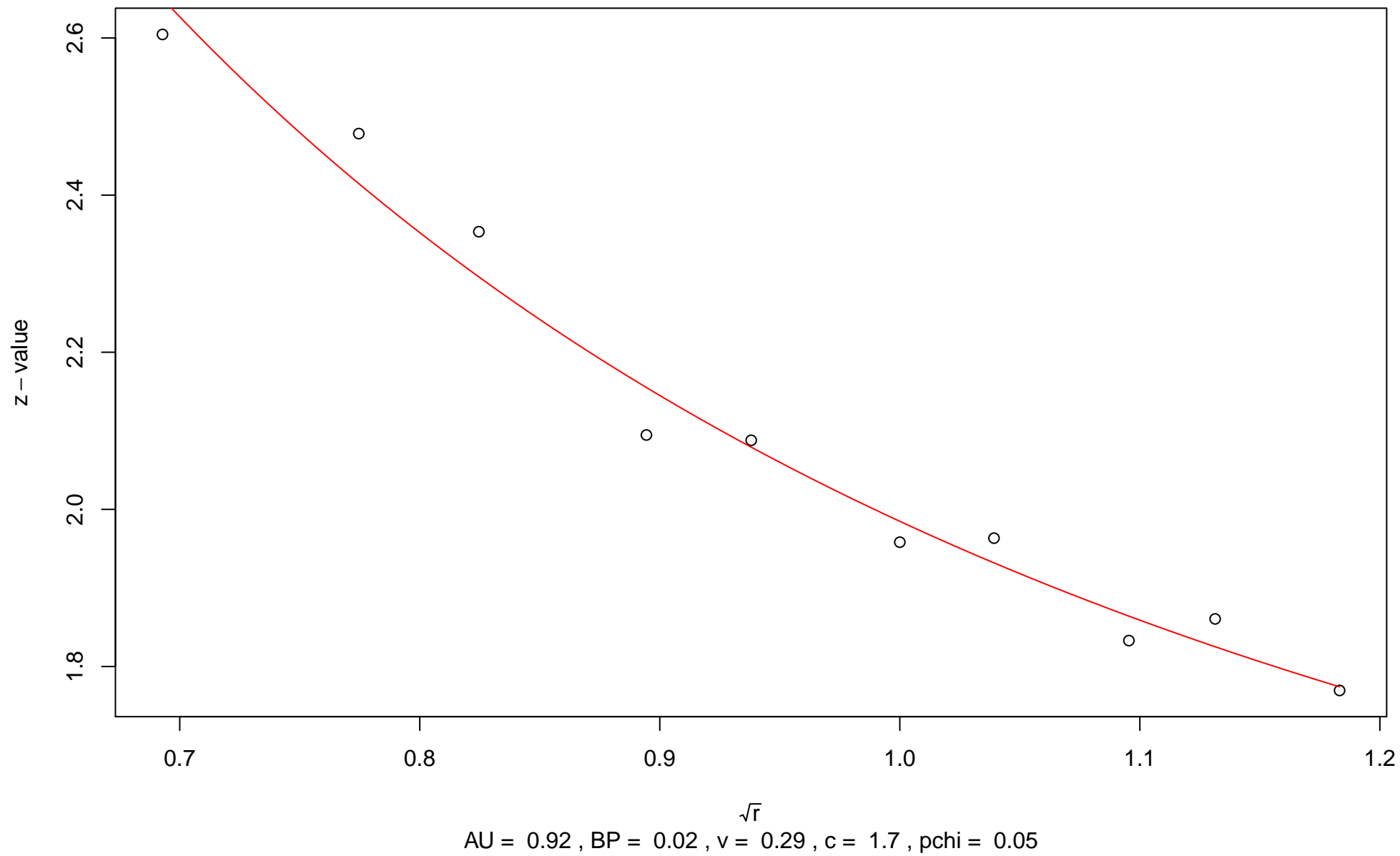
$\sqrt{r}$   
AU = 0.53 , BP = 0 , v = 1.74 , c = 1.82 , pchi = 0.52

### 332nd edge

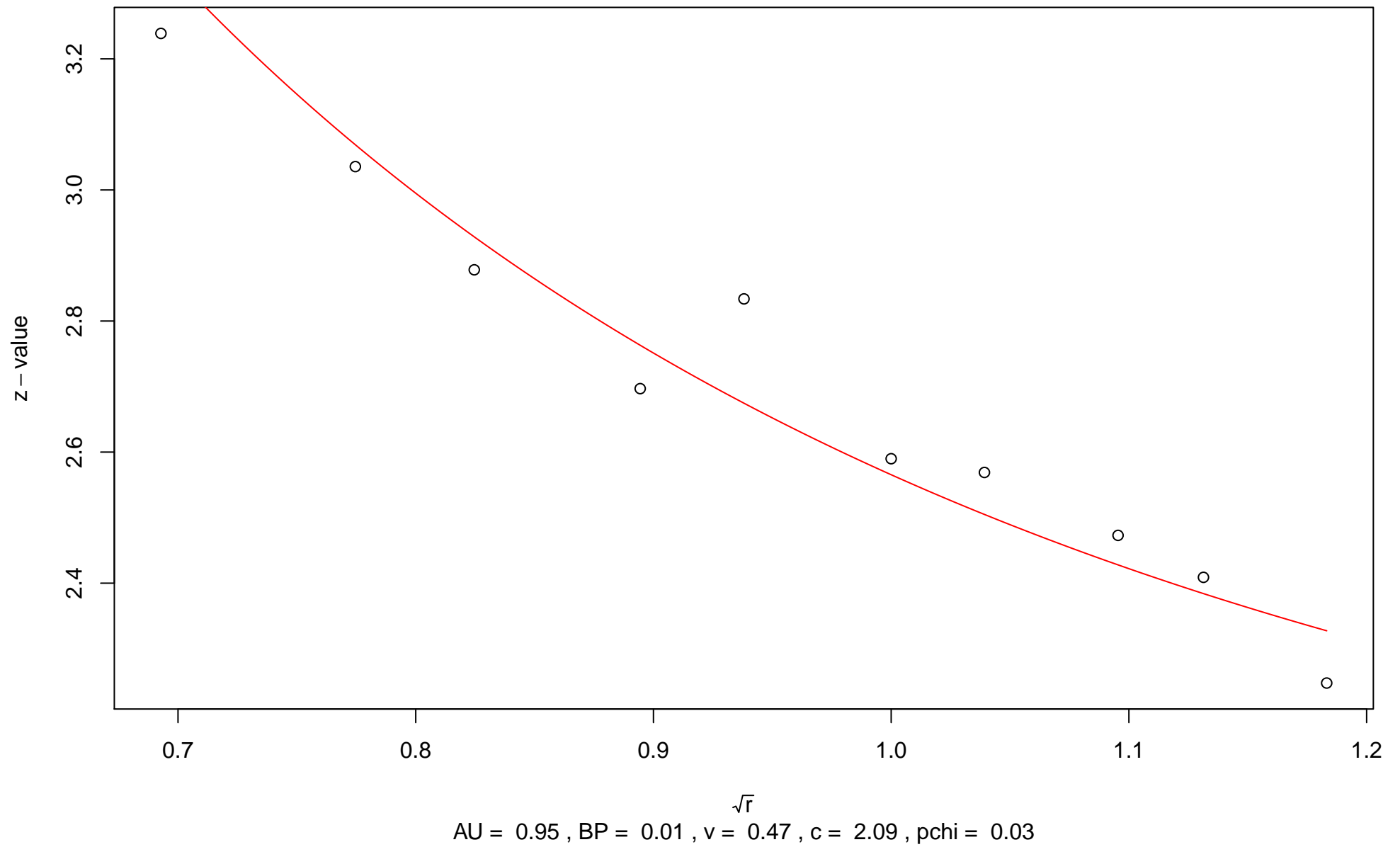


AU = 0.94 , BP = 0.33 ,  $v = -0.55$  ,  $c = 0.98$  ,  $pchi = 0.01$

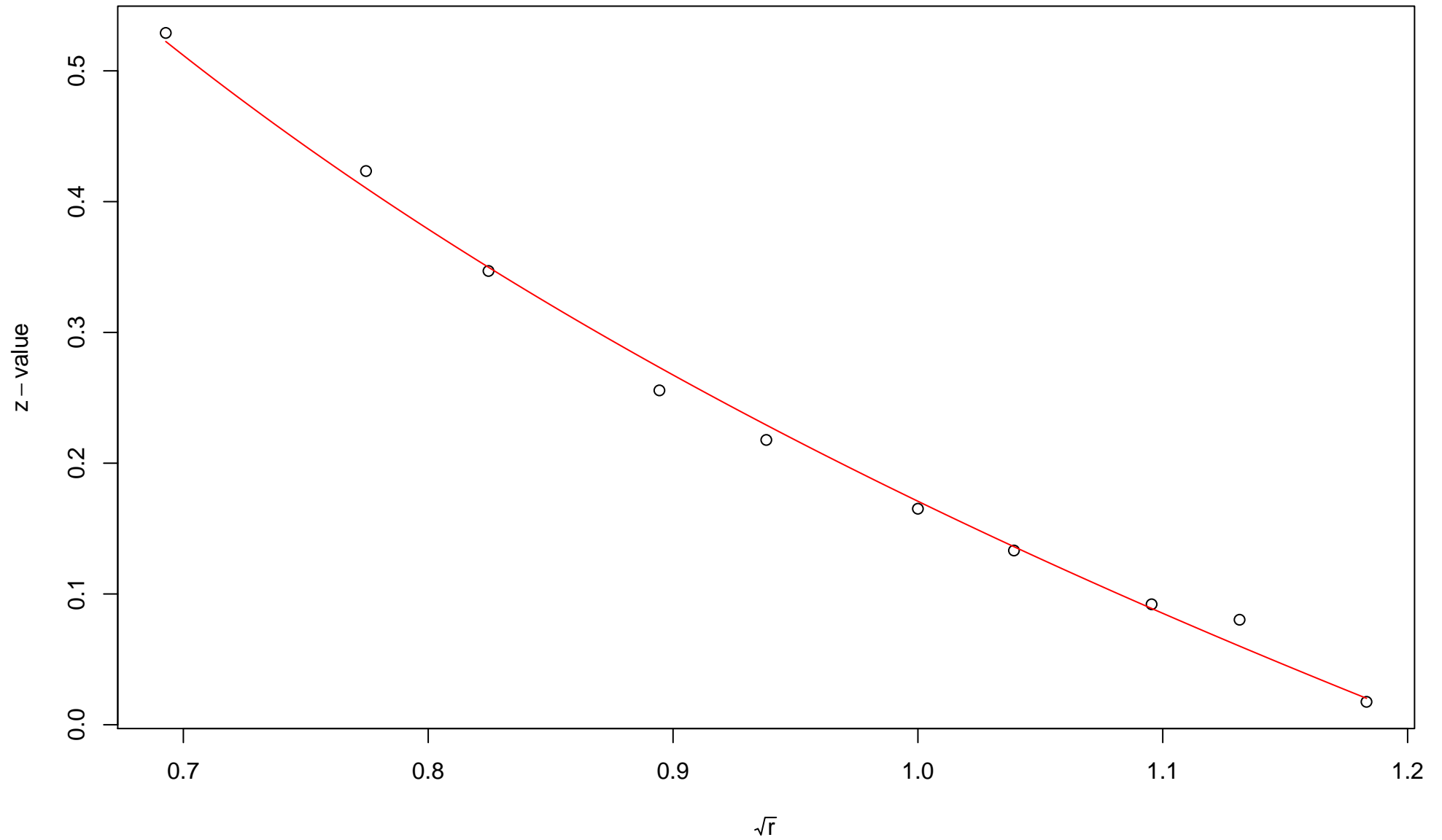
### 333rd edge



### 334th edge



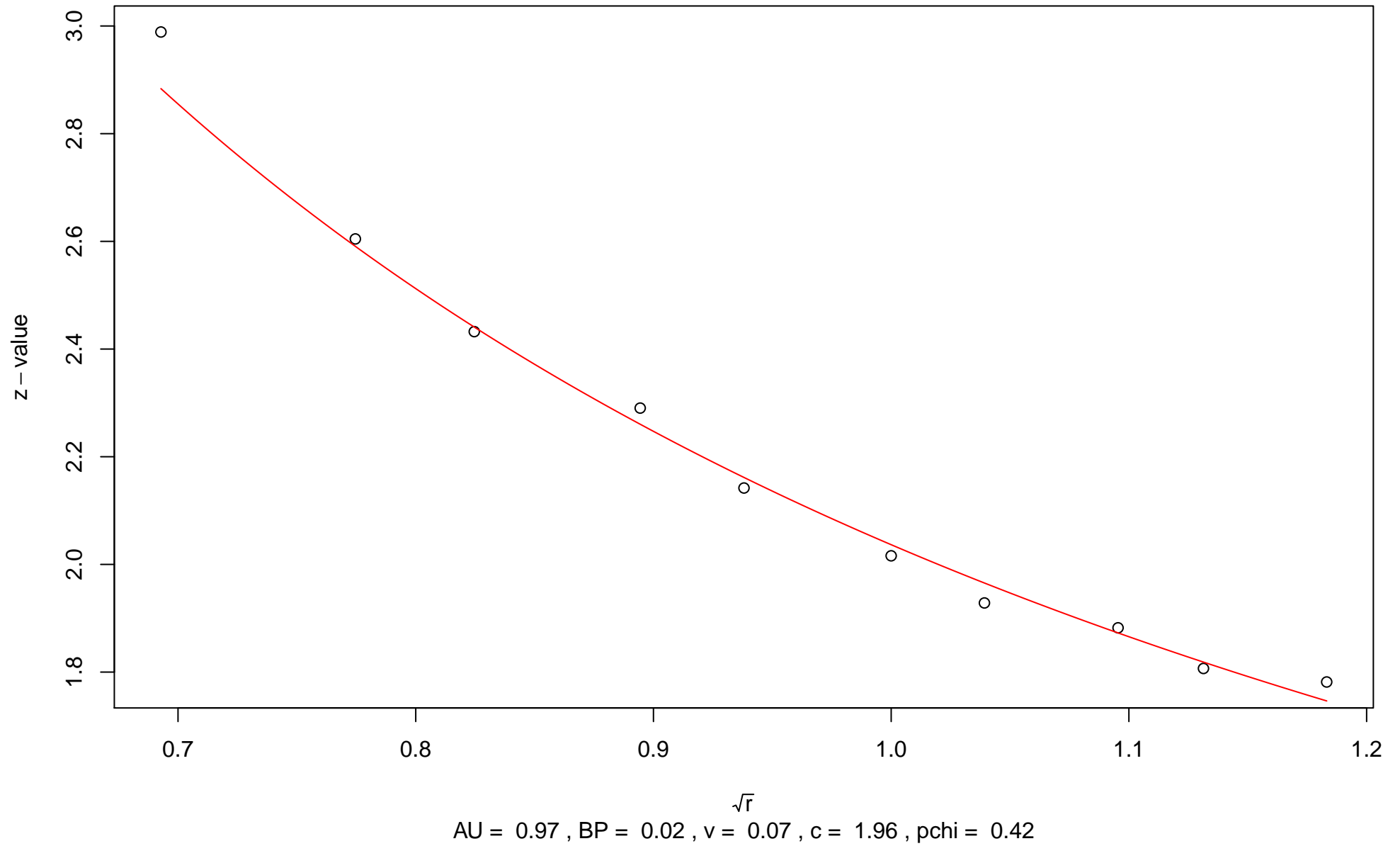
### 335th edge



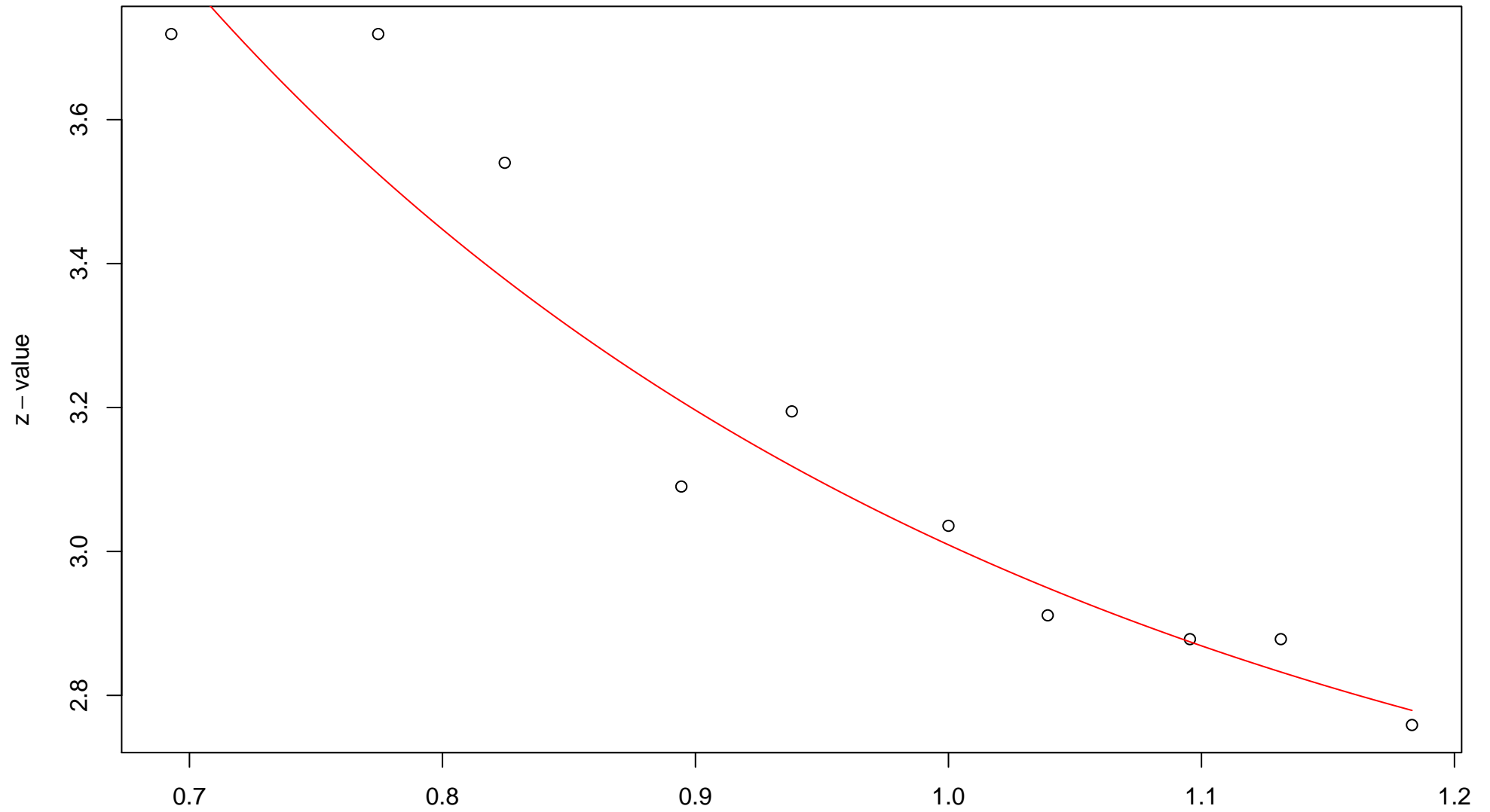
$\sqrt{r}$   
AU = 0.82 , BP = 0.43 ,  $v = -0.37$  ,  $c = 0.54$  ,  $pchi = 0.54$



### 336th edge

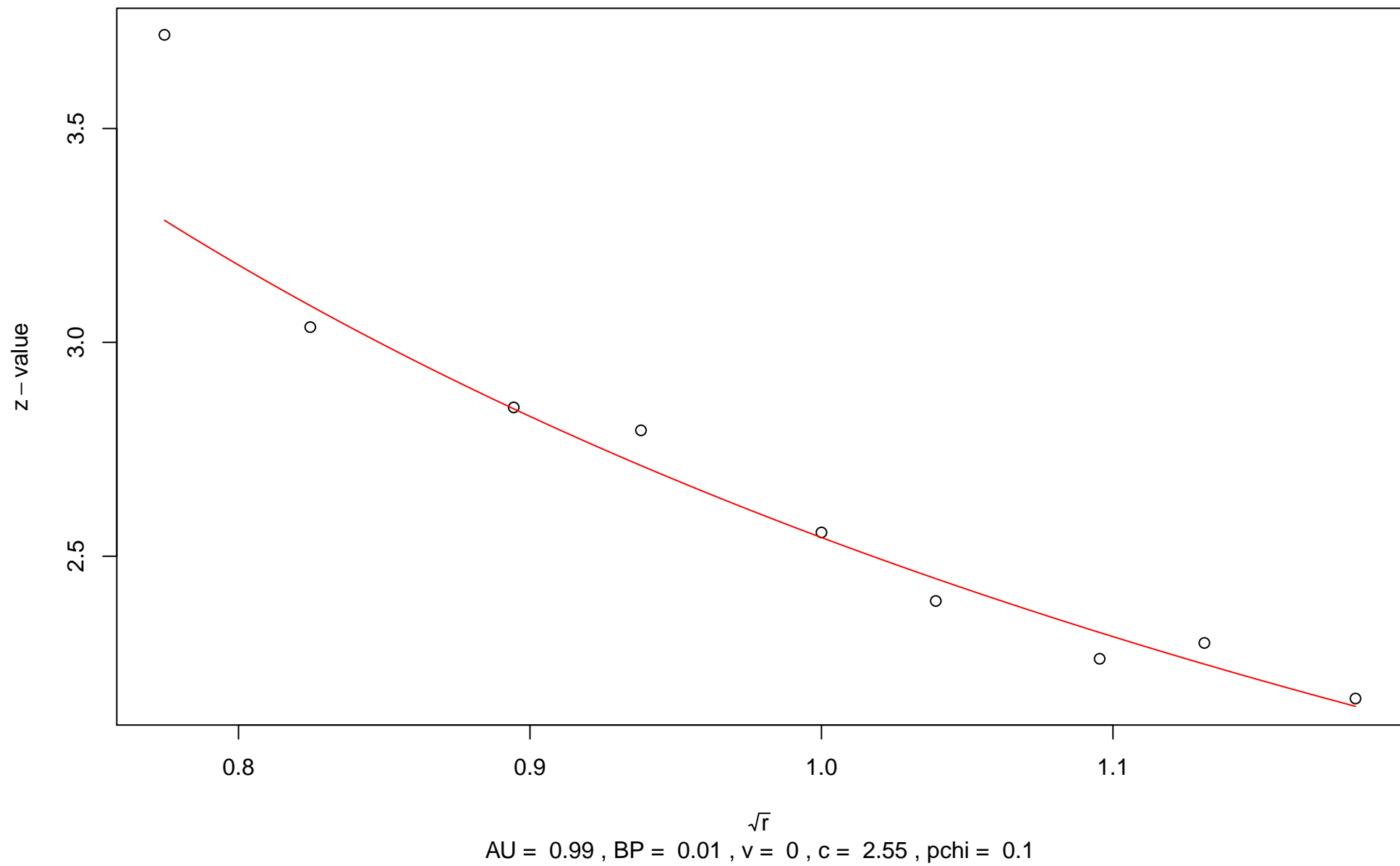


### 337th edge

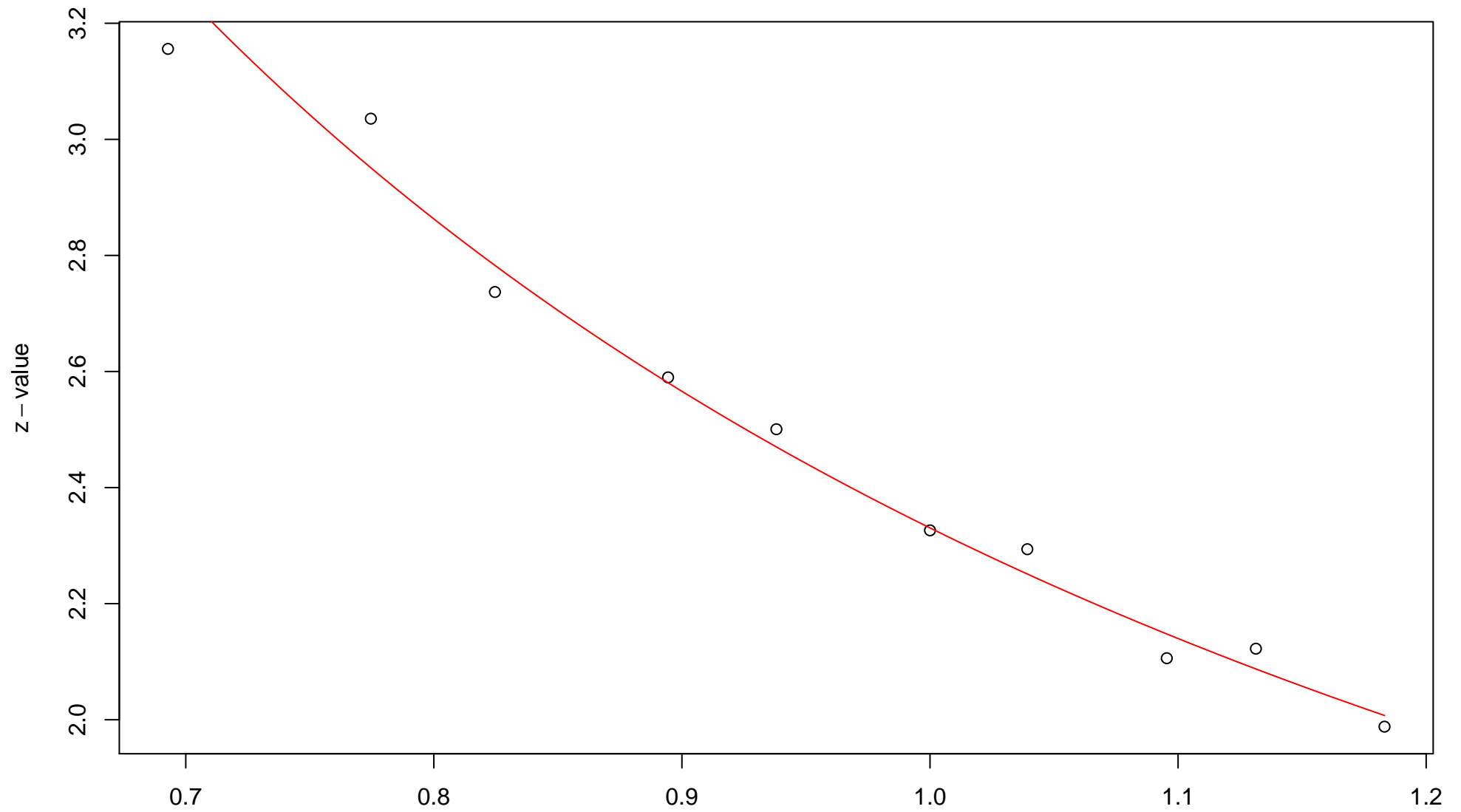


$\sqrt{r}$   
AU = 0.95 , BP = 0 , v = 0.7 , c = 2.31 , pchi = 0.81

### 338th edge

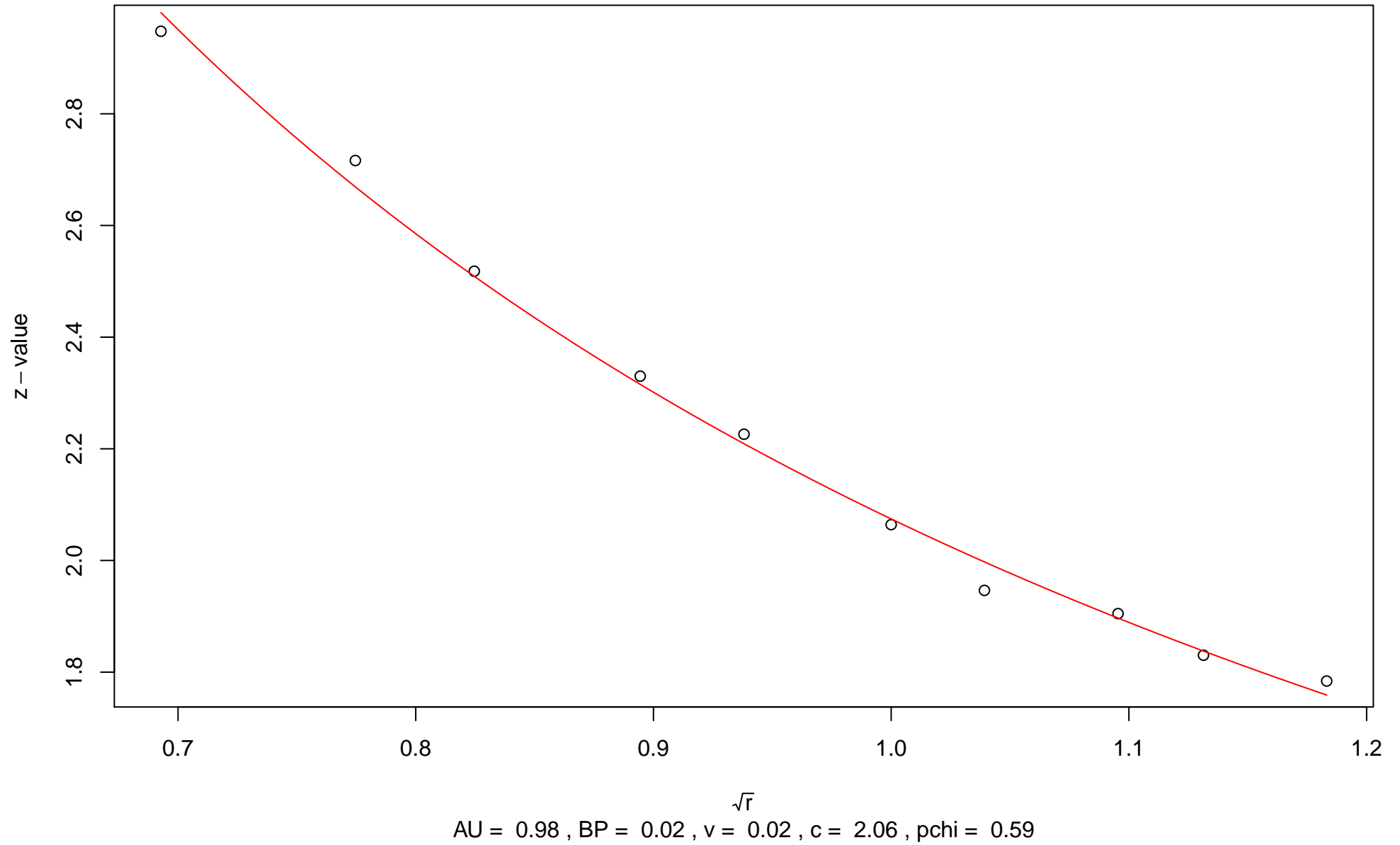


### 339th edge

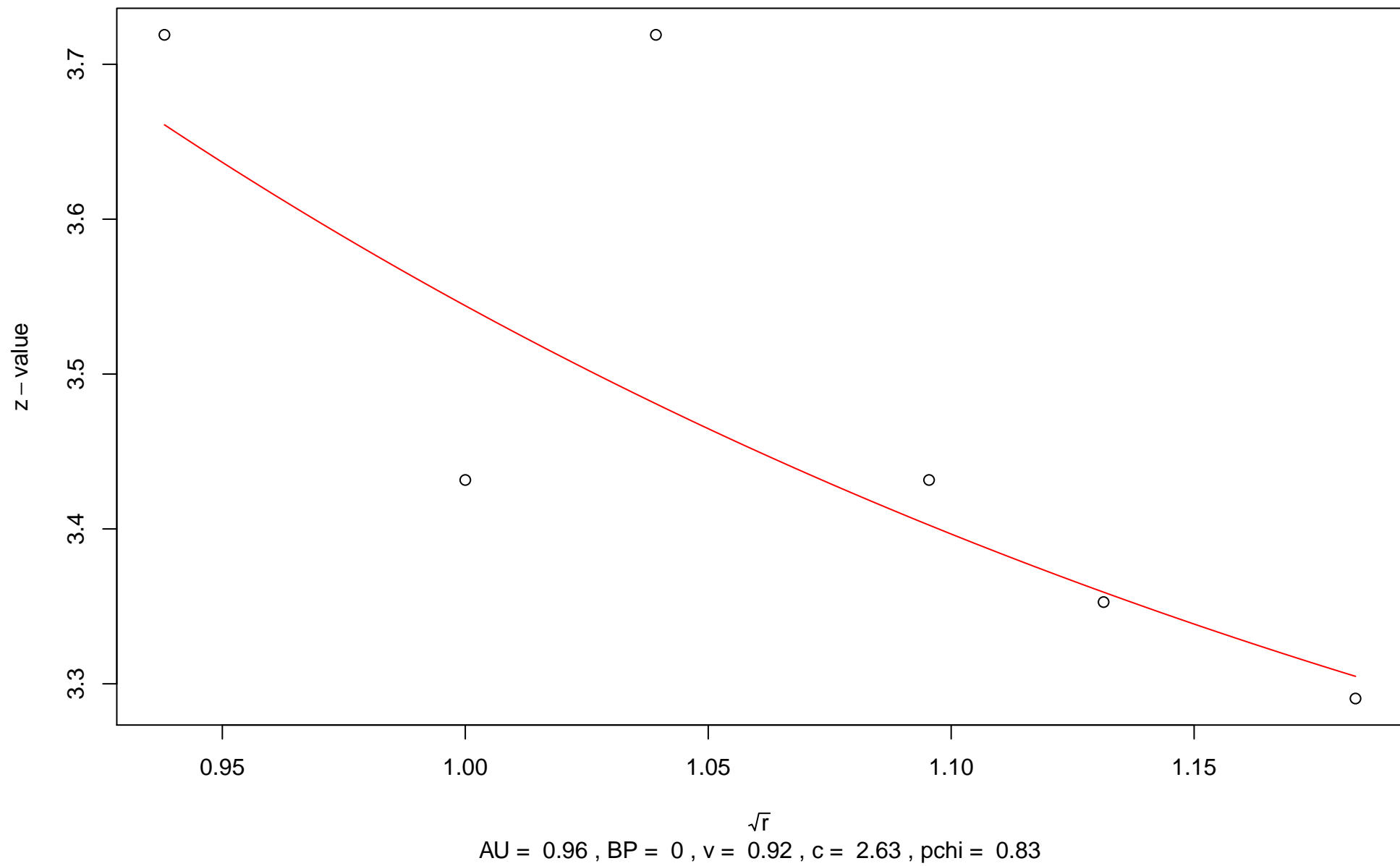


$\sqrt{r}$   
AU = 0.98 , BP = 0.01 ,  $v = 0.11$  , c = 2.22 , pchi = 0.38

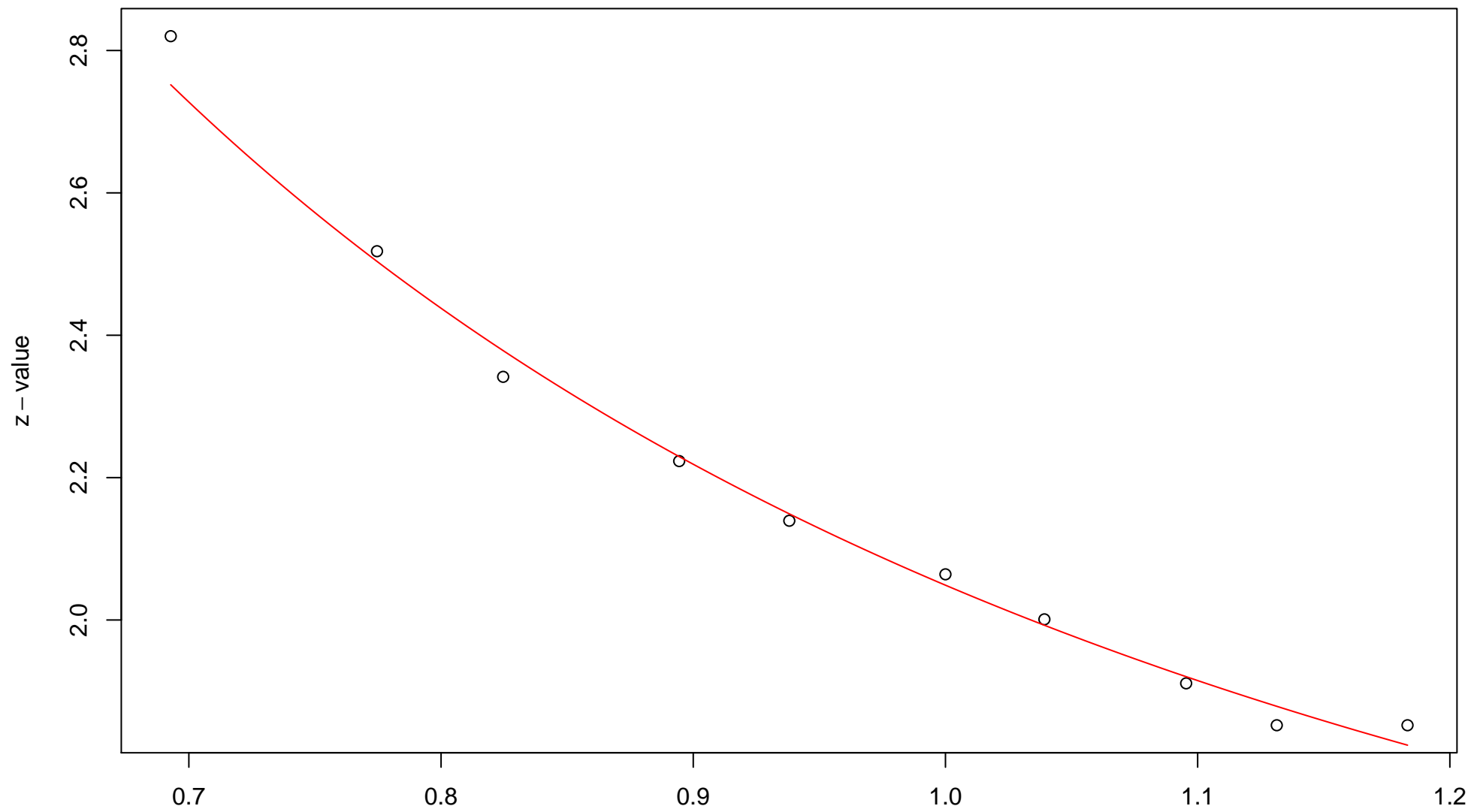
### 340th edge



### 341st edge

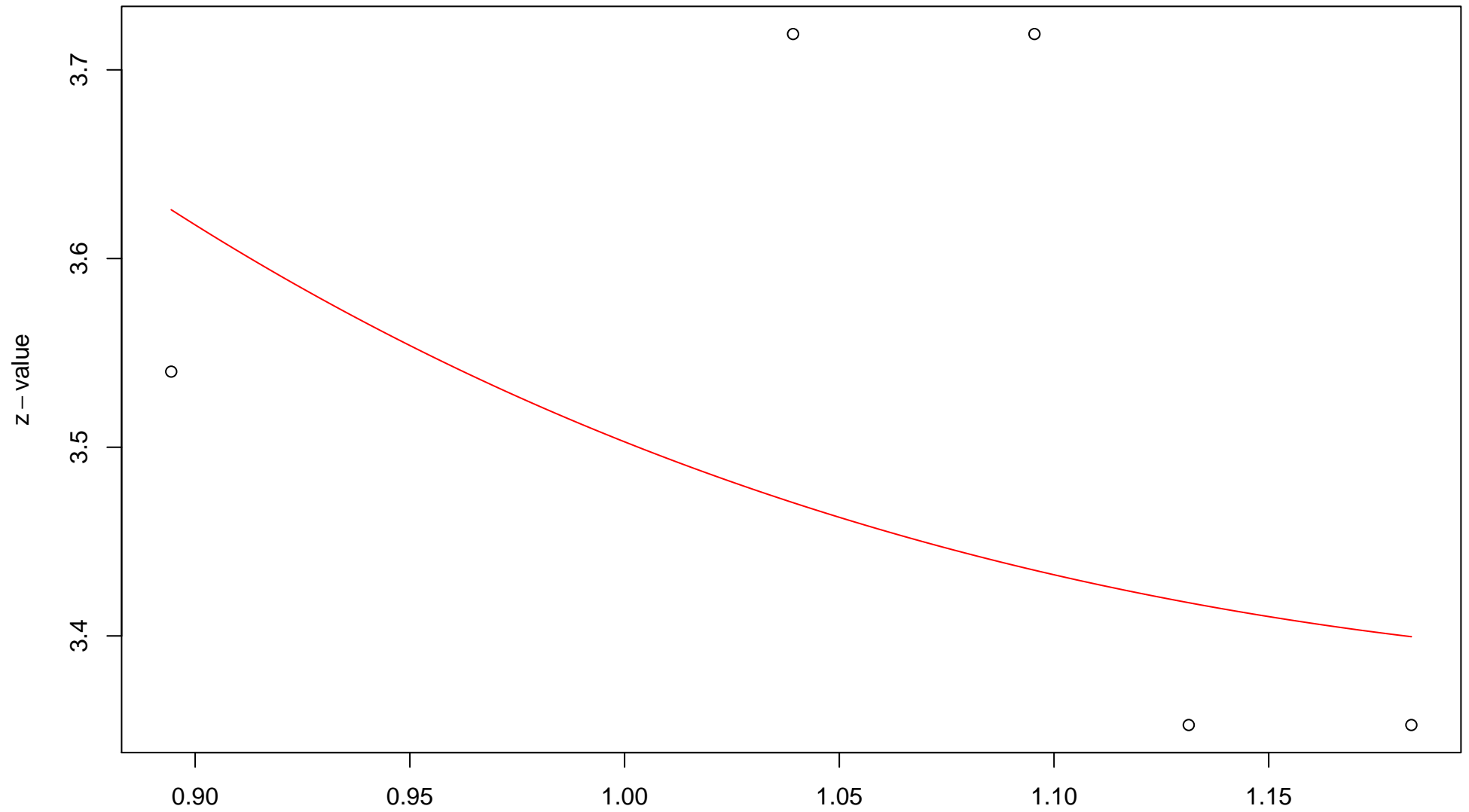


### 342nd edge



$\sqrt{r}$   
AU = 0.93 , BP = 0.02 ,  $v = 0.27$  , c = 1.78 , pchi = 0.73

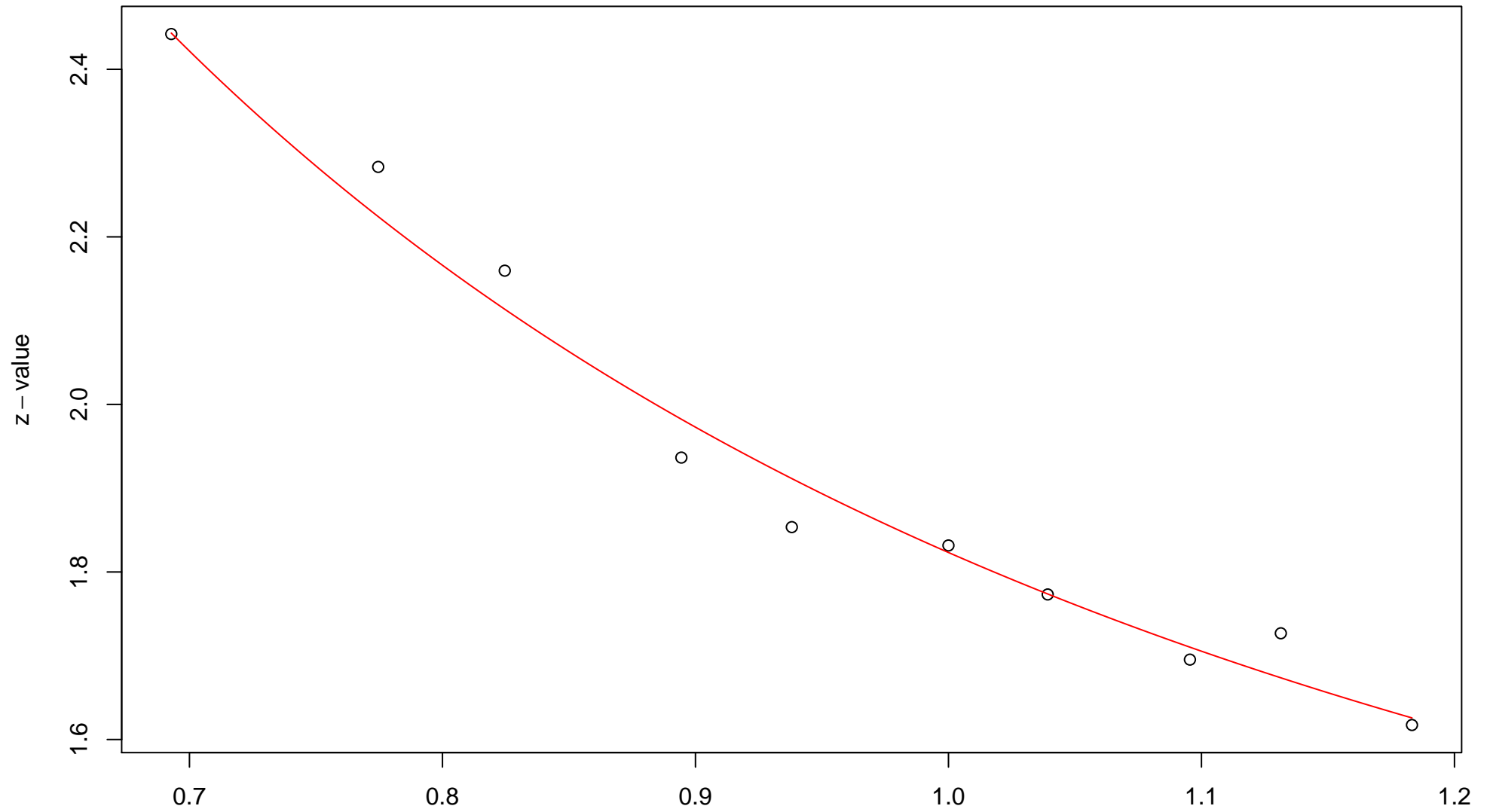
### 343rd edge



$\sqrt{r}$   
AU = 0.82 , BP = 0 , v = 1.3 , c = 2.2 , pchi = 0.43

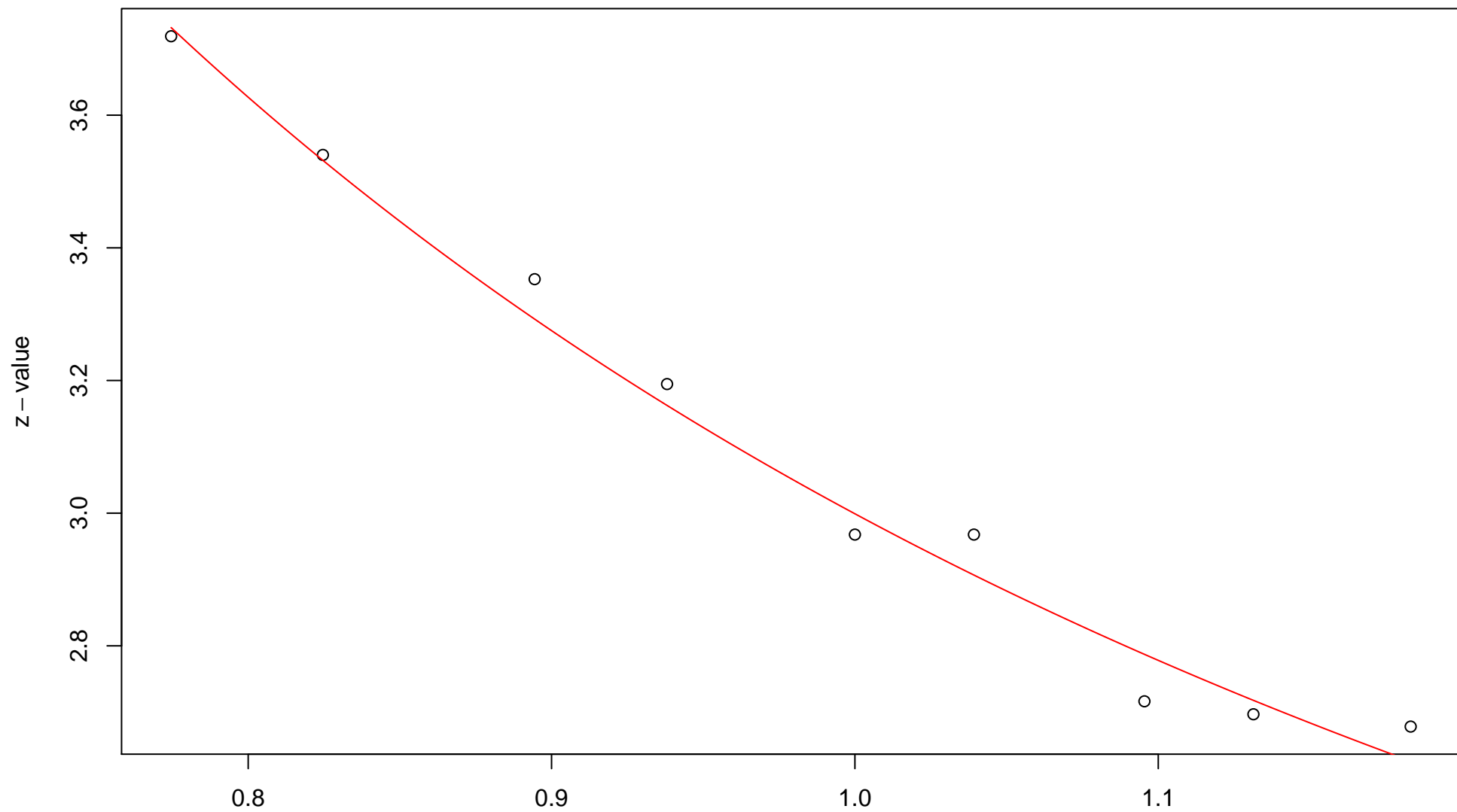


### 344th edge



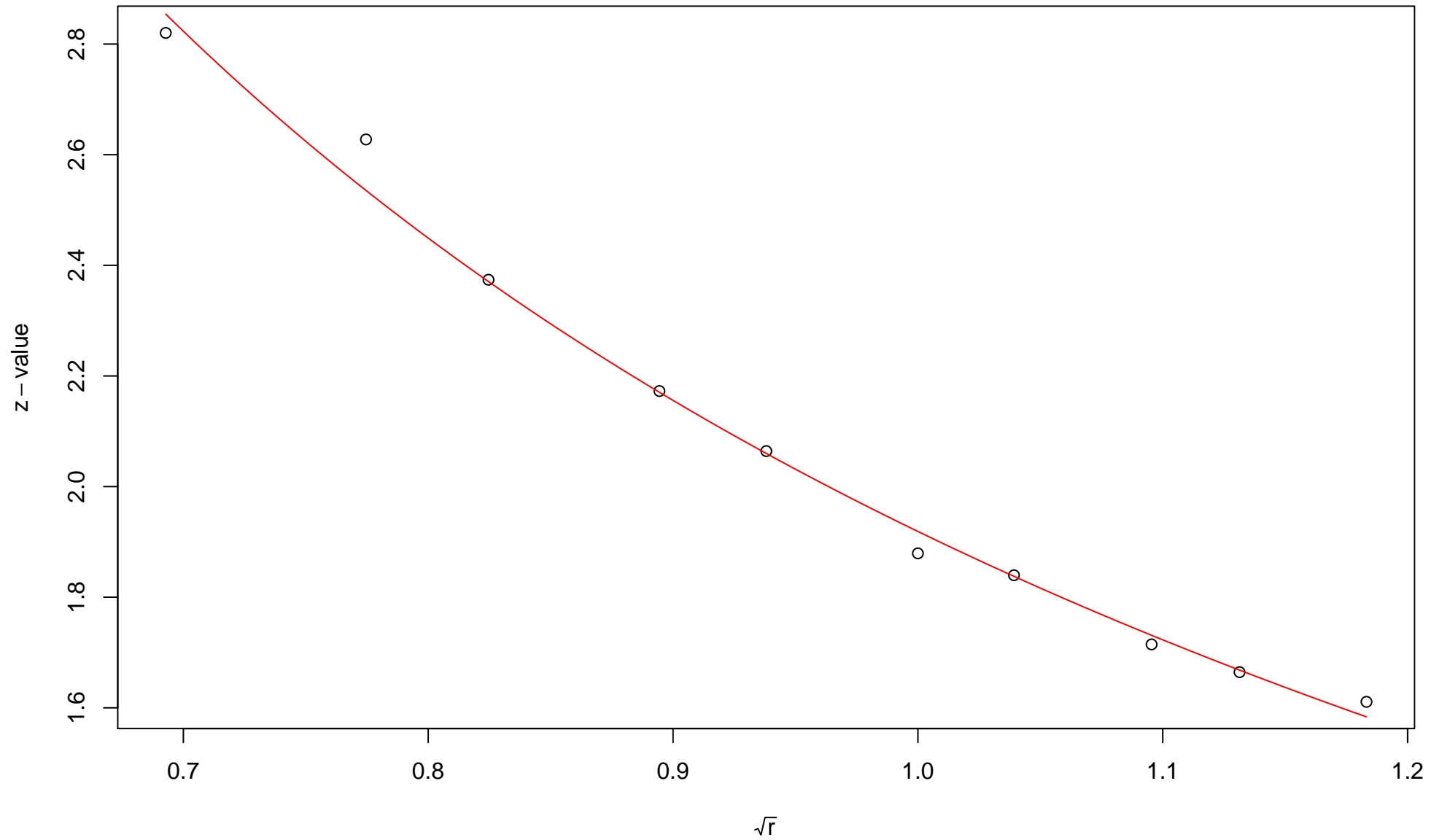
$\sqrt{r}$   
AU = 0.91 , BP = 0.03 ,  $v = 0.25$  ,  $c = 1.57$  ,  $pchi = 0.01$

### 345th edge



$\sqrt{r}$   
AU = 0.99 , BP = 0 ,  $v = 0.27$  ,  $c = 2.73$  , pchi = 0.83

### 346th edge



$\sqrt{r}$   
AU = 0.98 , BP = 0.03 ,  $v = -0.11$  , c = 2.03 , pchi = 0.41

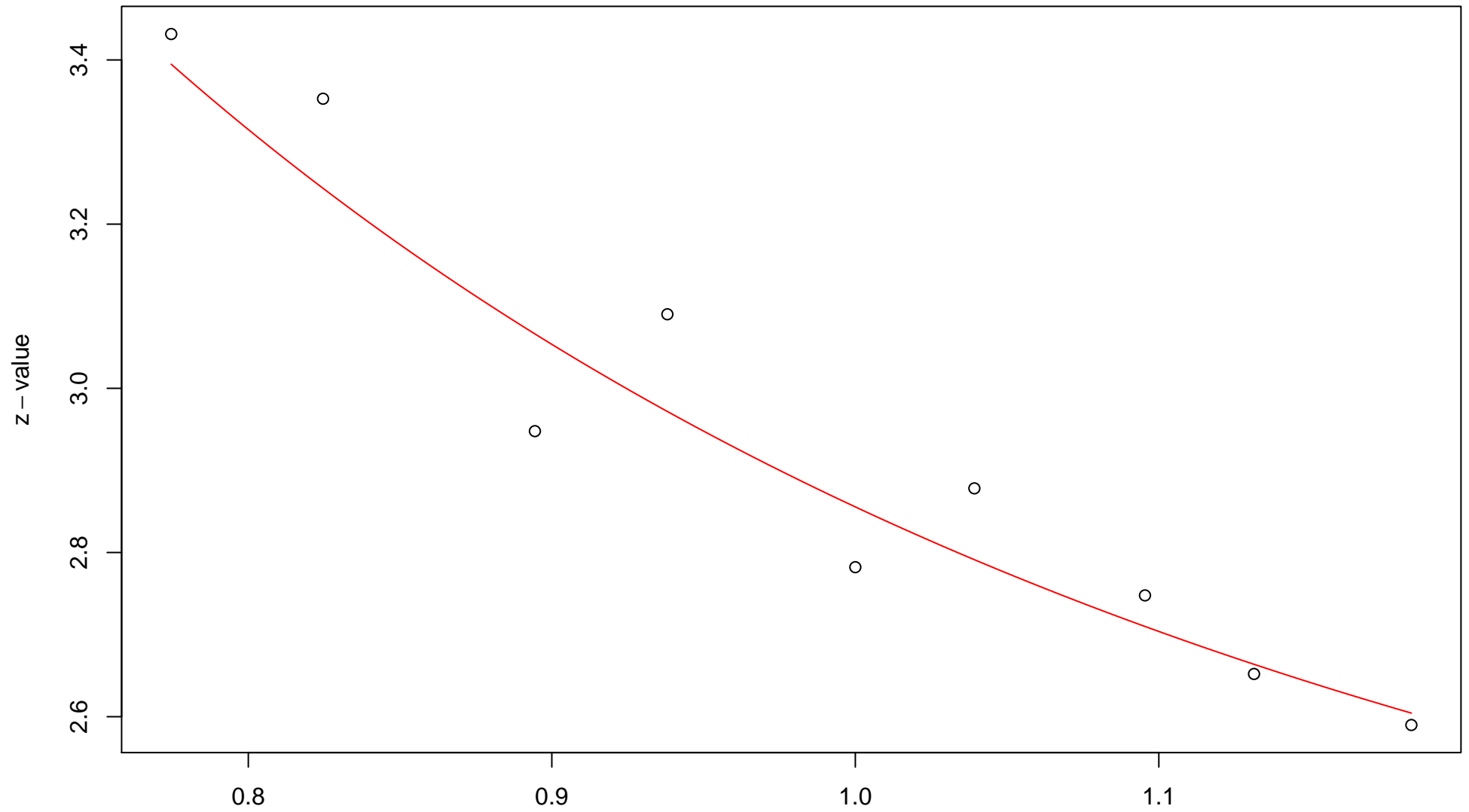
347th edge

z - value

No fitting

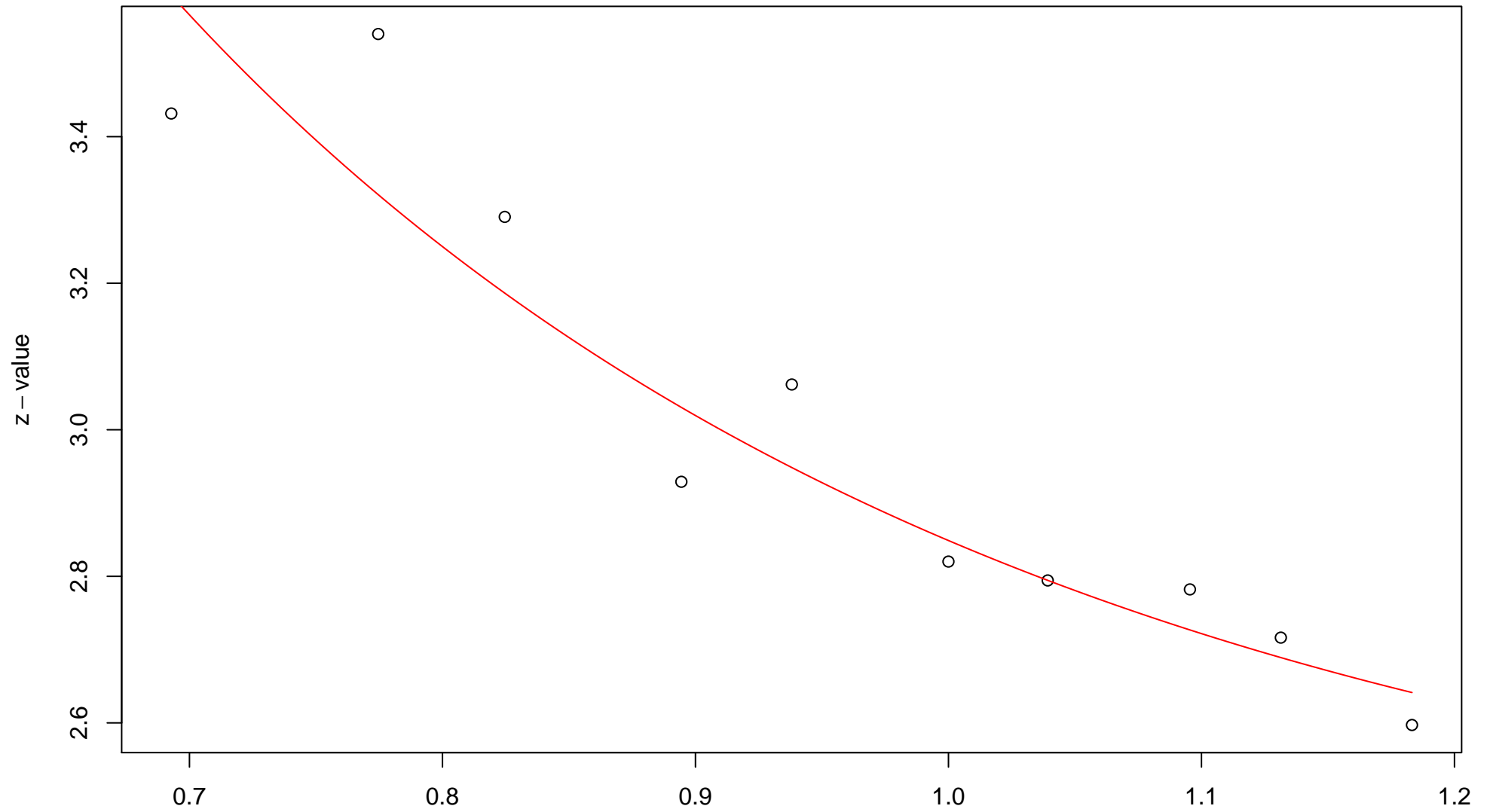
$\sqrt{r}$   
AU = 0 , BP = 0 , v = 0 , c = 0 , pchi = 0

### 348th edge



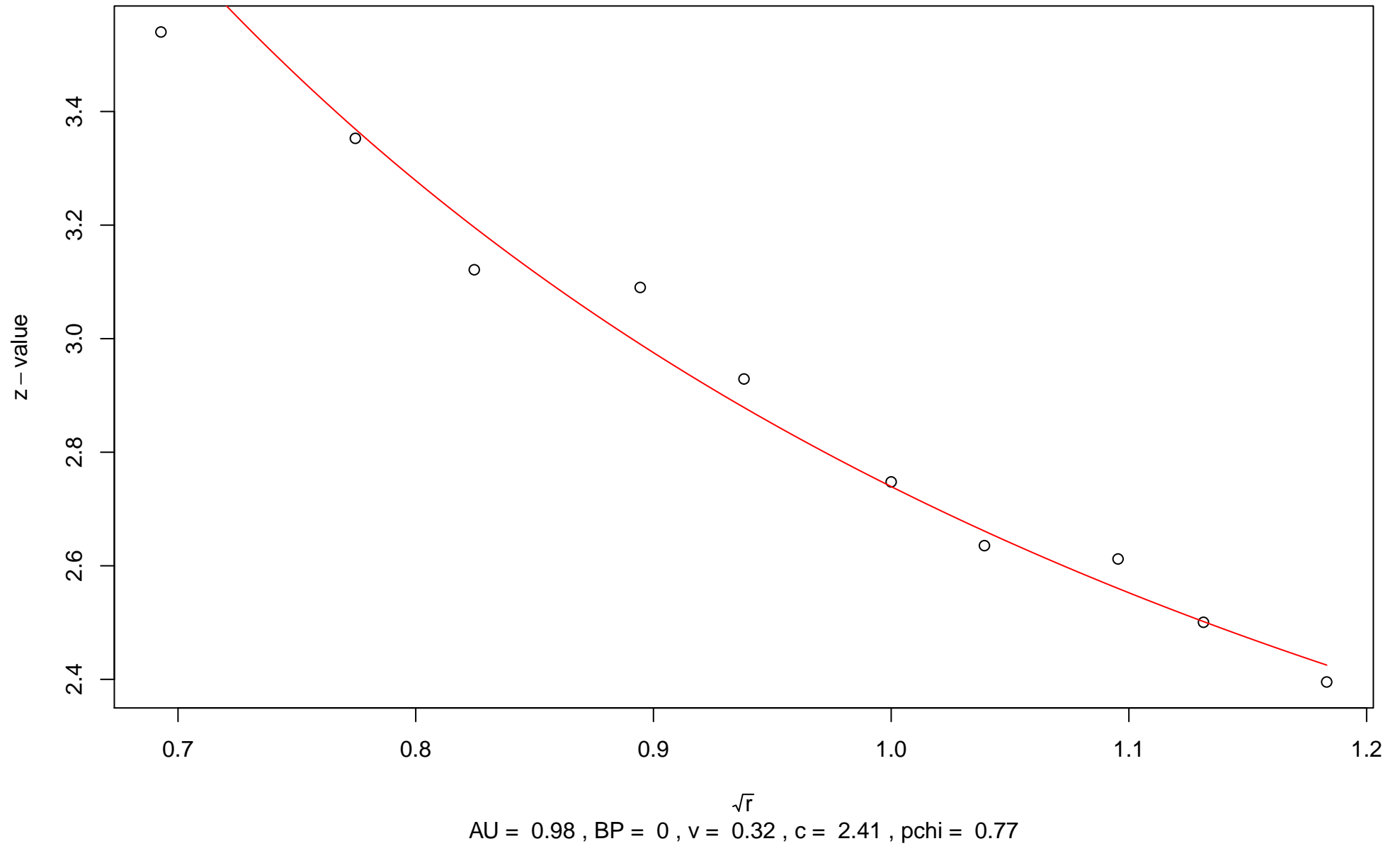
$\sqrt{r}$   
AU = 0.96 , BP = 0 ,  $v = 0.56$  ,  $c = 2.29$  , pchi = 0.33

### 349th edge

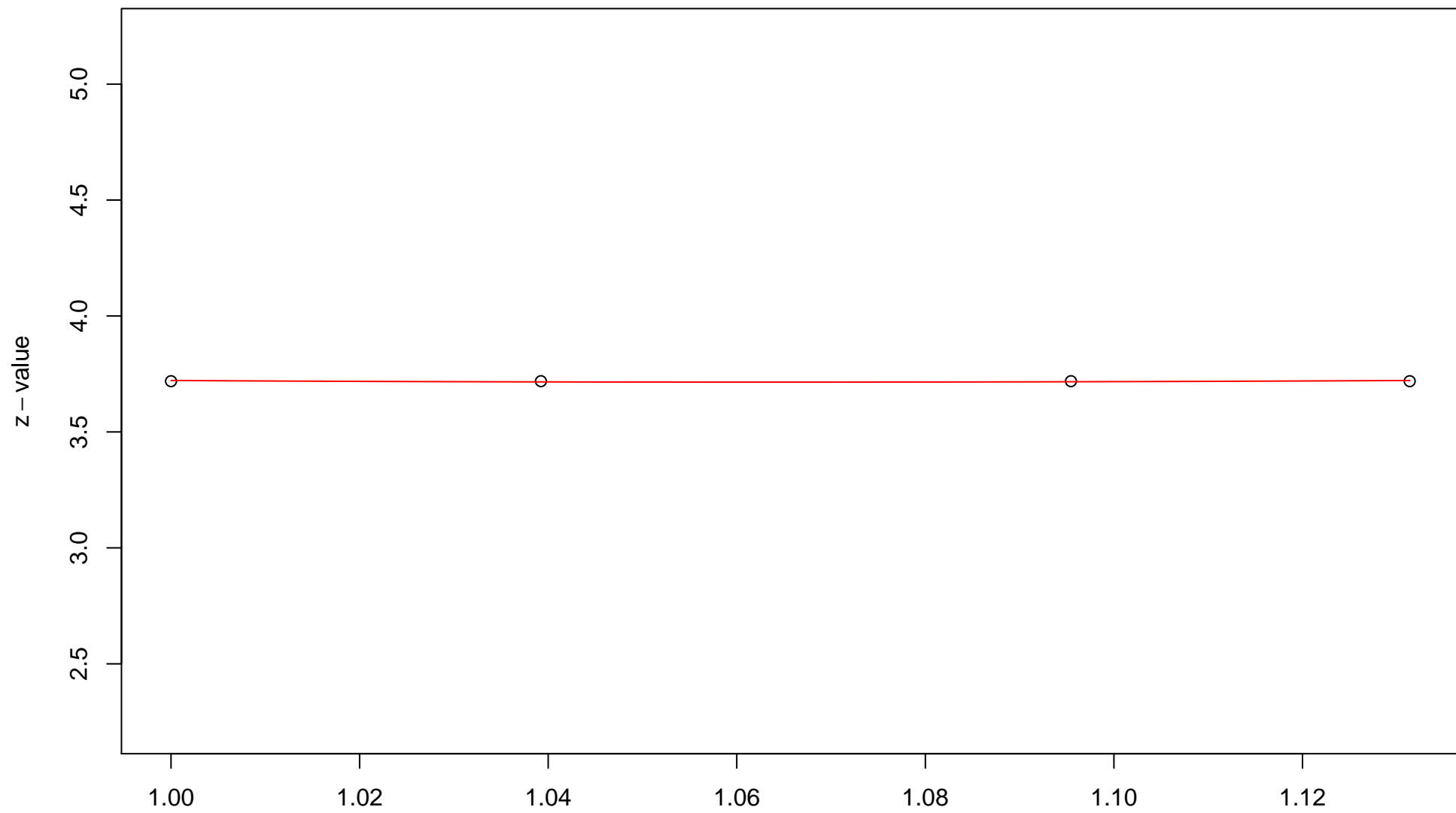


$\sqrt{r}$   
AU = 0.93 , BP = 0 ,  $v = 0.69$  , c = 2.16 , pchi = 0.39

### 350th edge



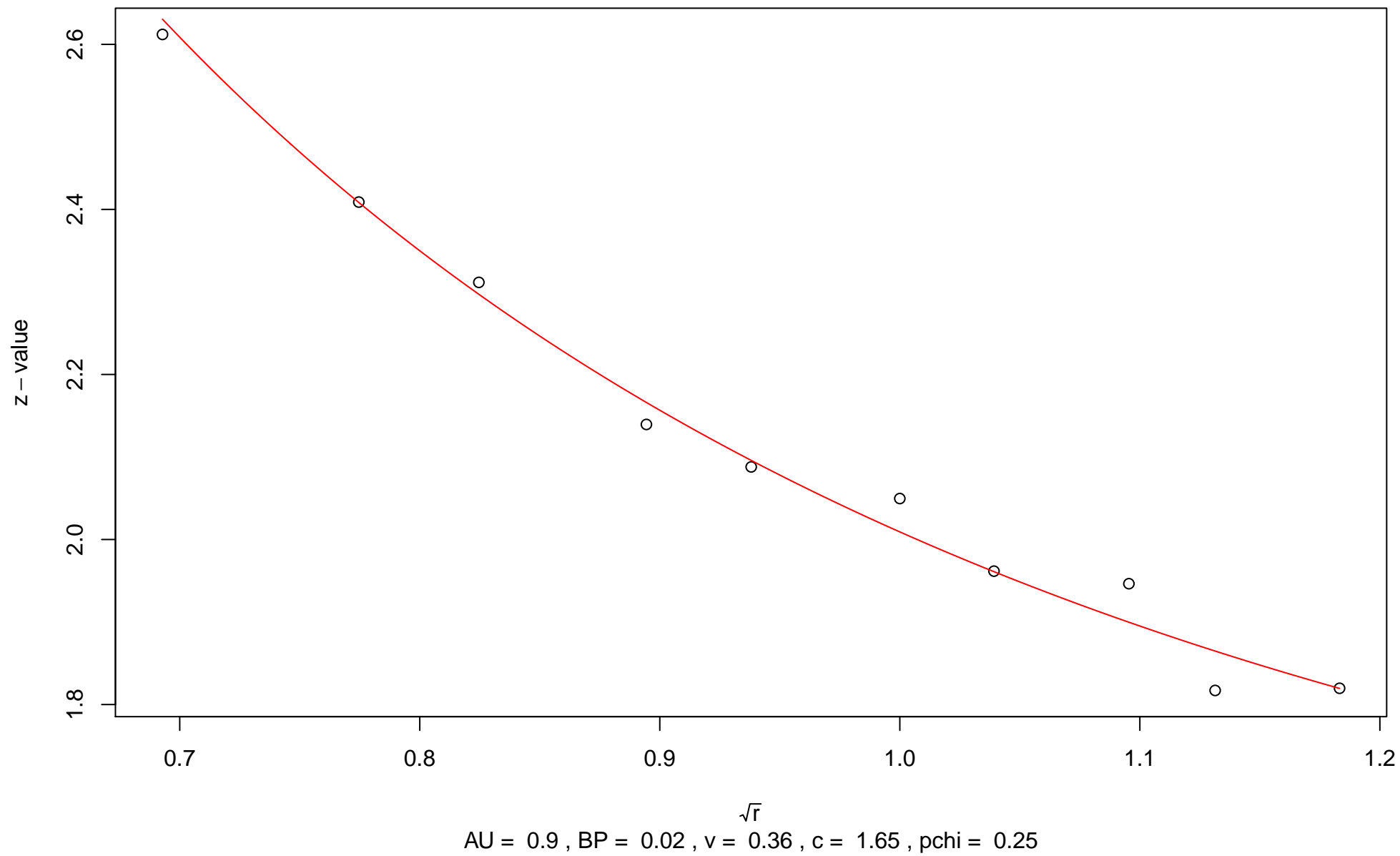
### 351st edge



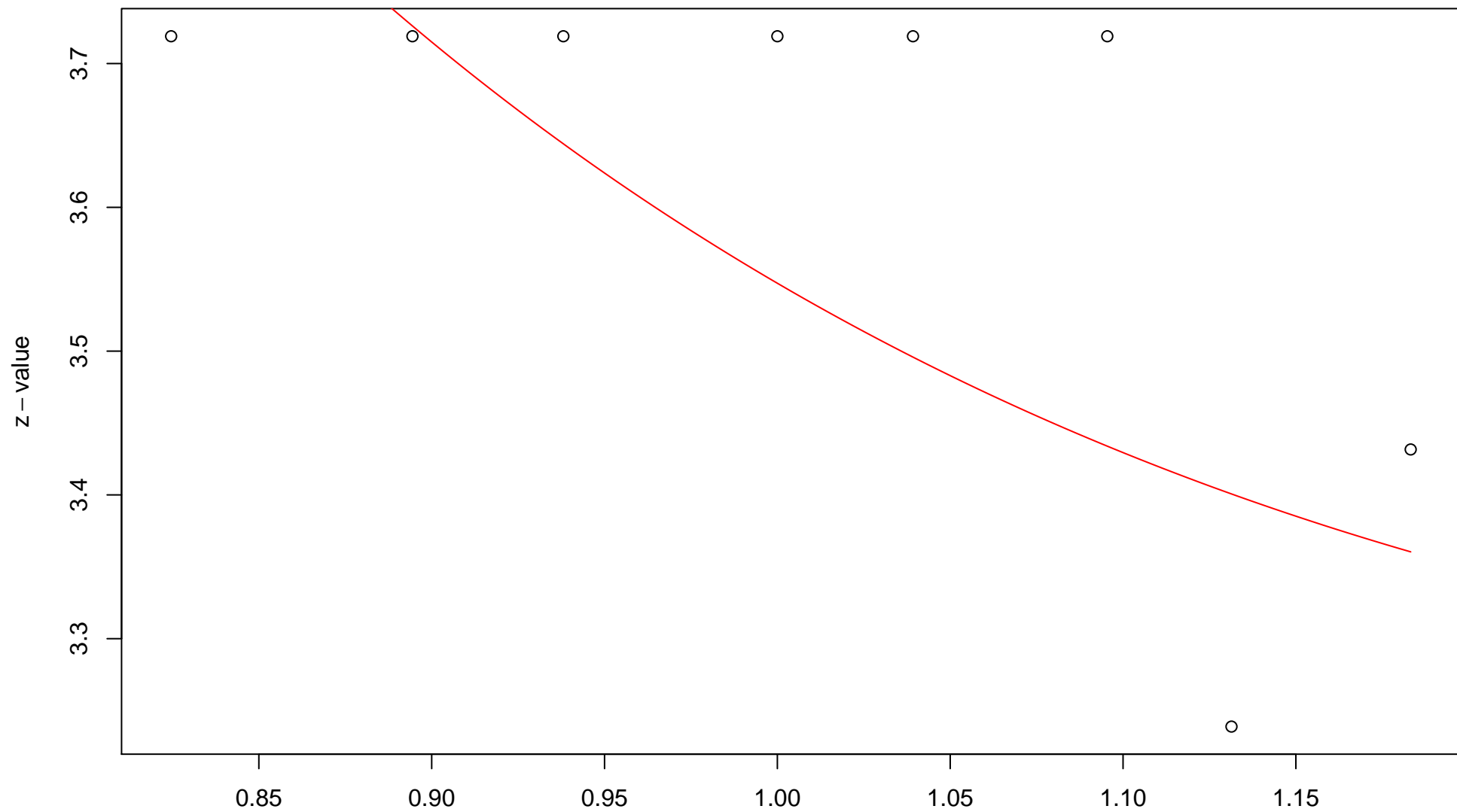
$\sqrt{r}$   
AU = 0.59 , BP = 0 ,  $v = 1.75$  , c = 1.98 , pchi = 1



### 352nd edge

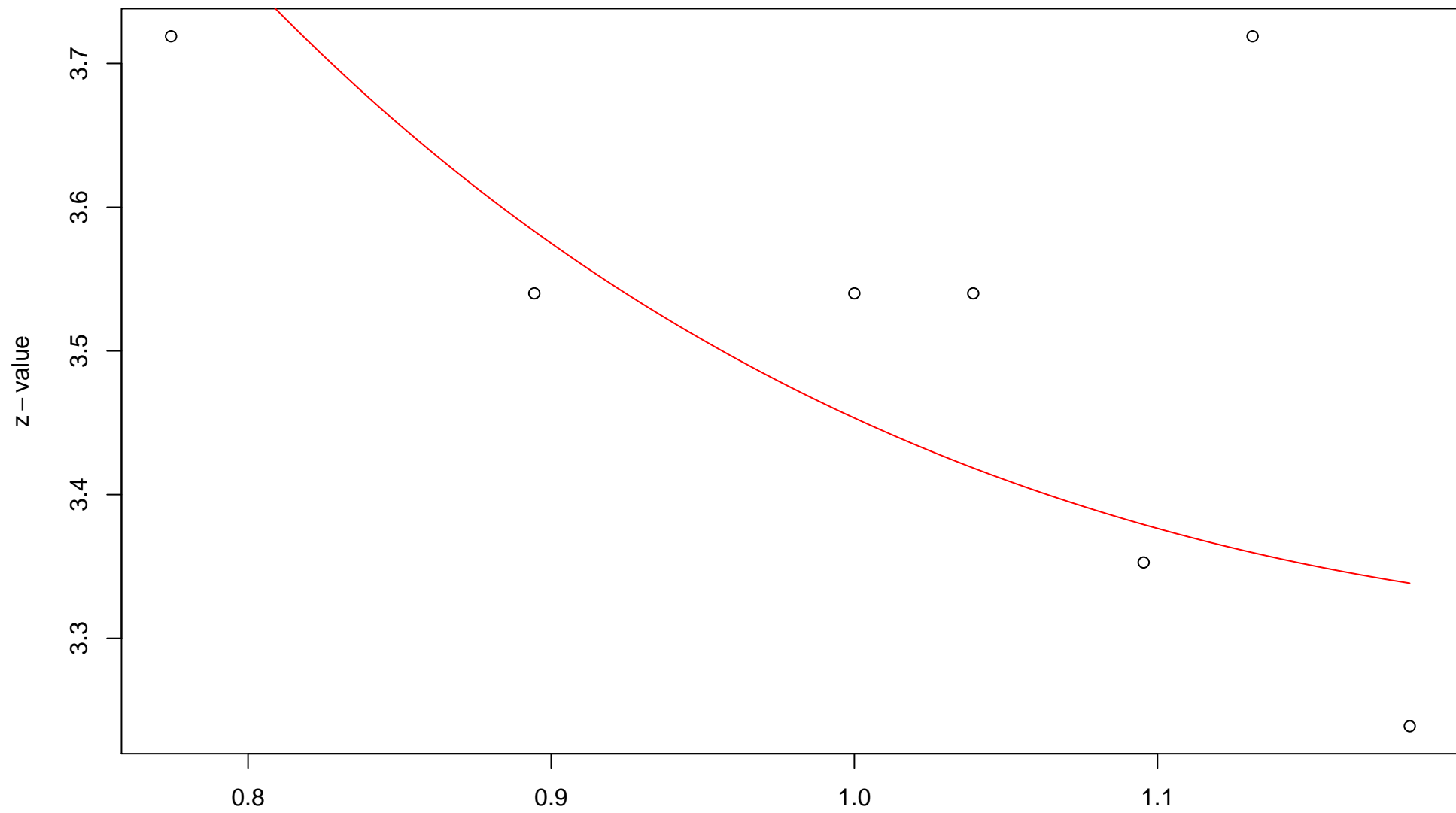


### 353rd edge



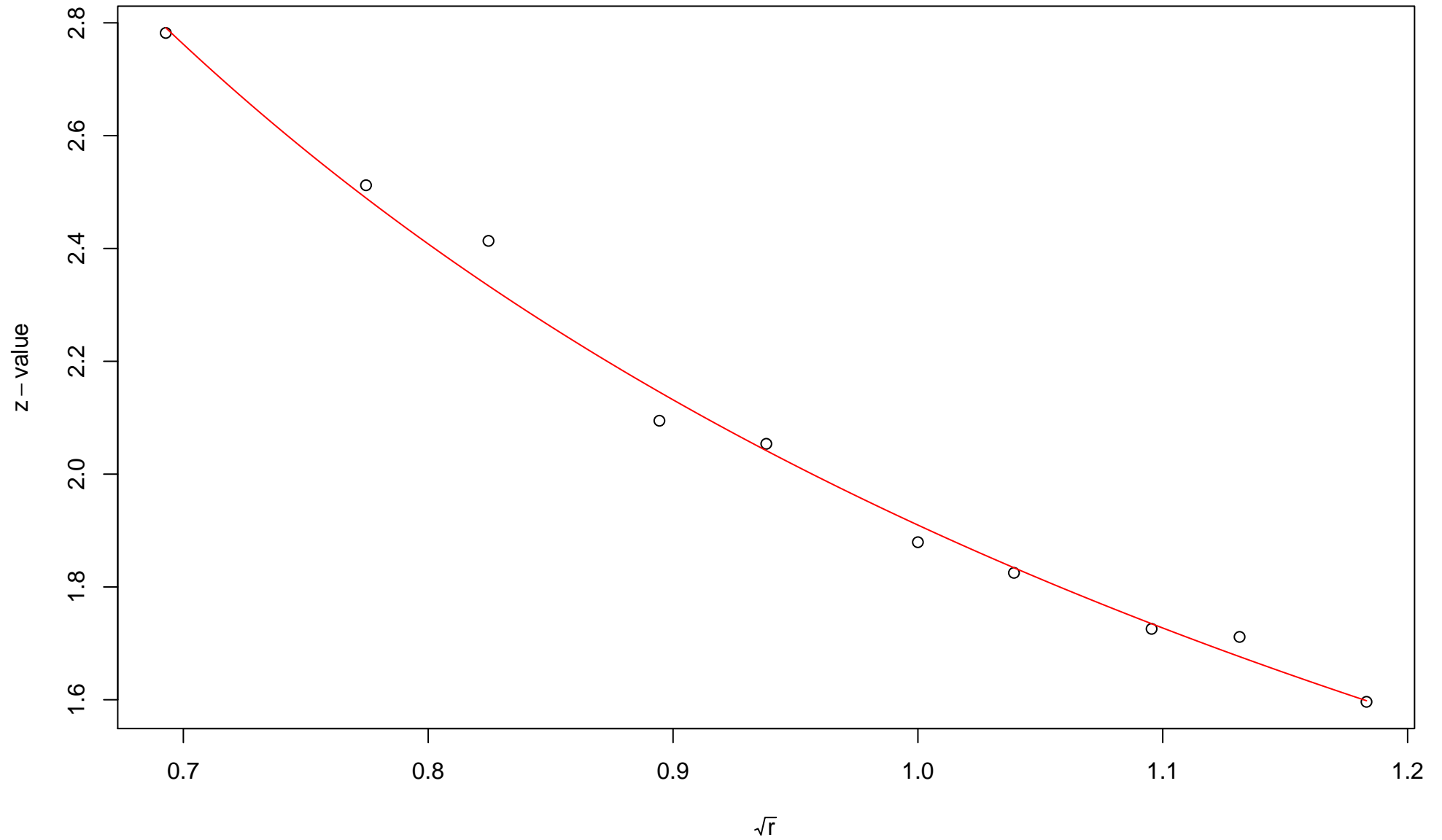
$\sqrt{r}$   
AU = 0.92 , BP = 0 , v = 1.07 , c = 2.48 , pchi = 0.52

### 354th edge



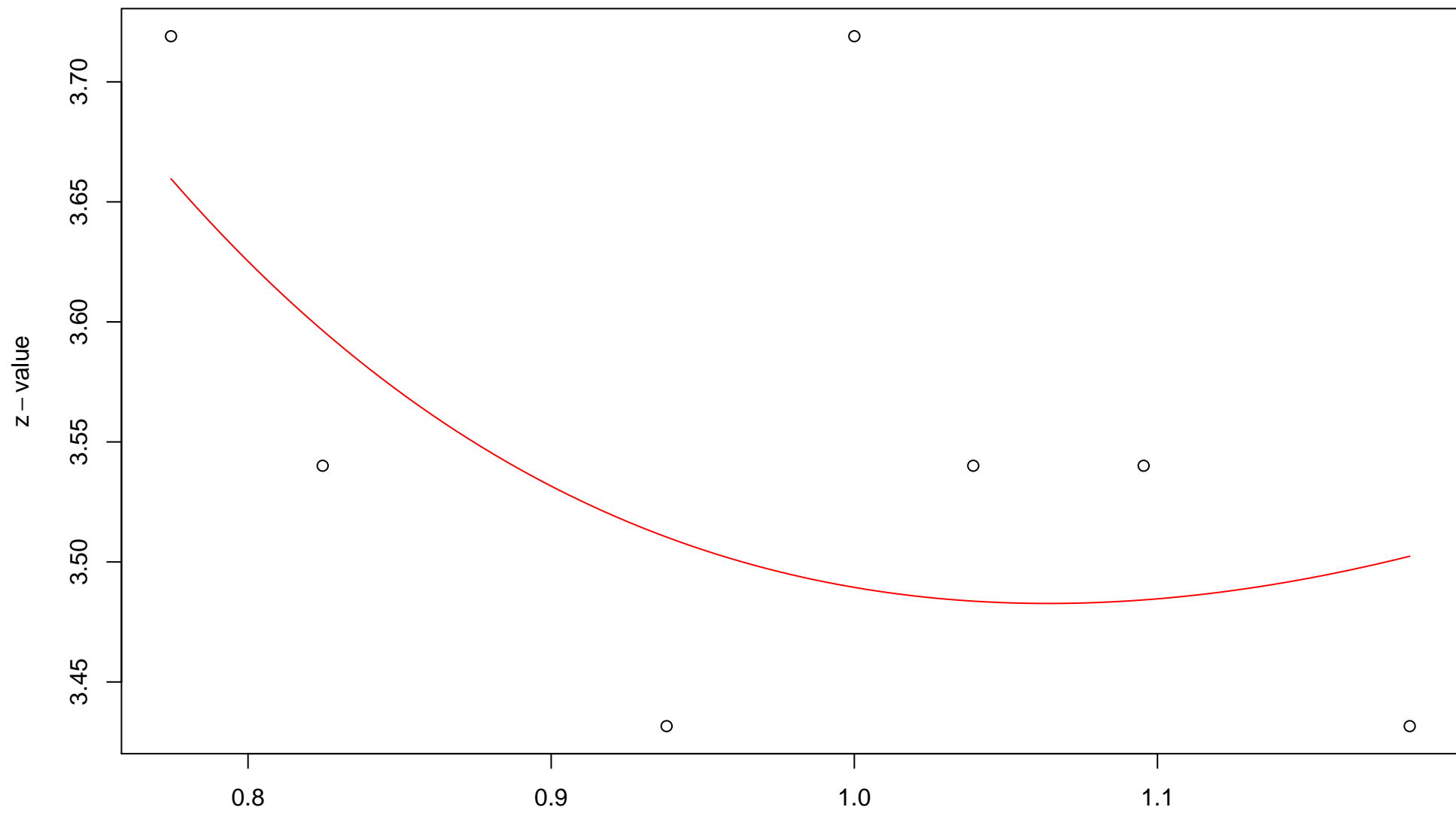
$\sqrt{r}$   
AU = 0.83 , BP = 0 , v = 1.24 , c = 2.21 , pchi = 0.6

### 355th edge



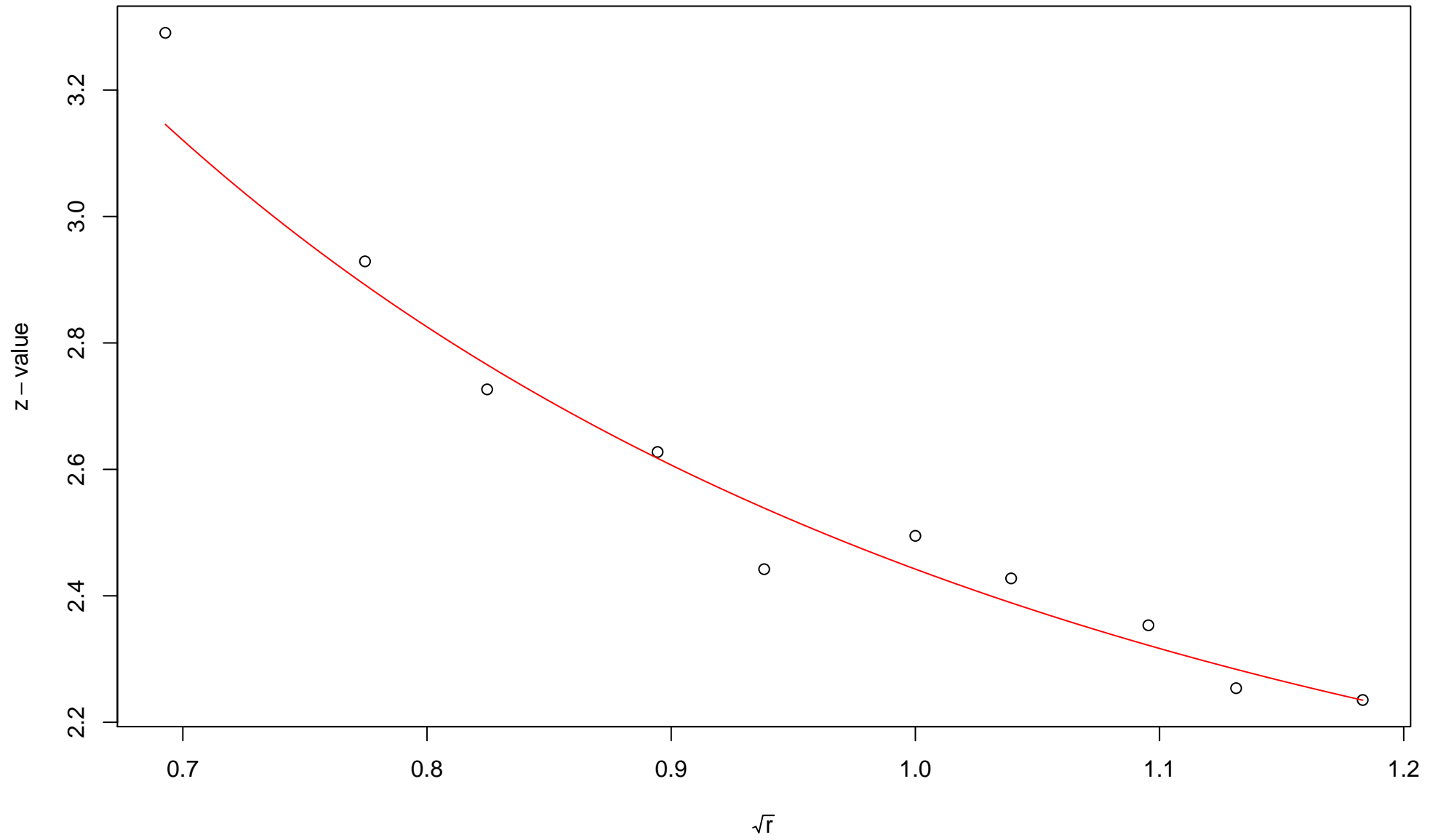
$\sqrt{r}$   
AU = 0.98 , BP = 0.03 ,  $v = -0.05$  , c = 1.96 , pchi = 0.18

### 356th edge



$\sqrt{r}$   
AU = 0.59 , BP = 0 ,  $v$  = 1.64 ,  $c$  = 1.85 ,  $p_{\text{chi}}$  = 0.9

### 357th edge



AU = 0.92 , BP = 0.01 ,  $v = 0.51$  , c = 1.94 , pchi = 0.2

358th edge

z - value

No fitting

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

359th edge

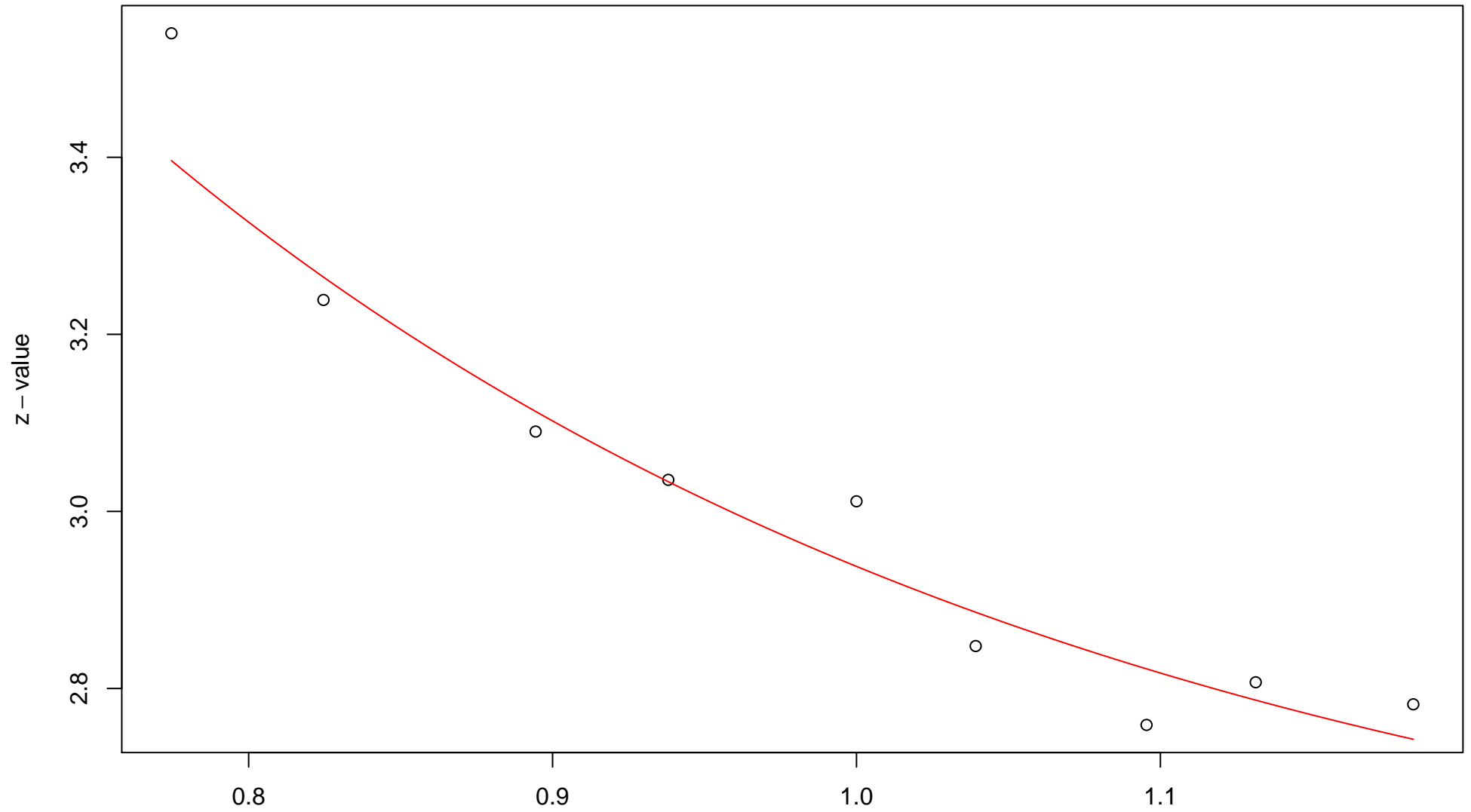
z - value

No fitting

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

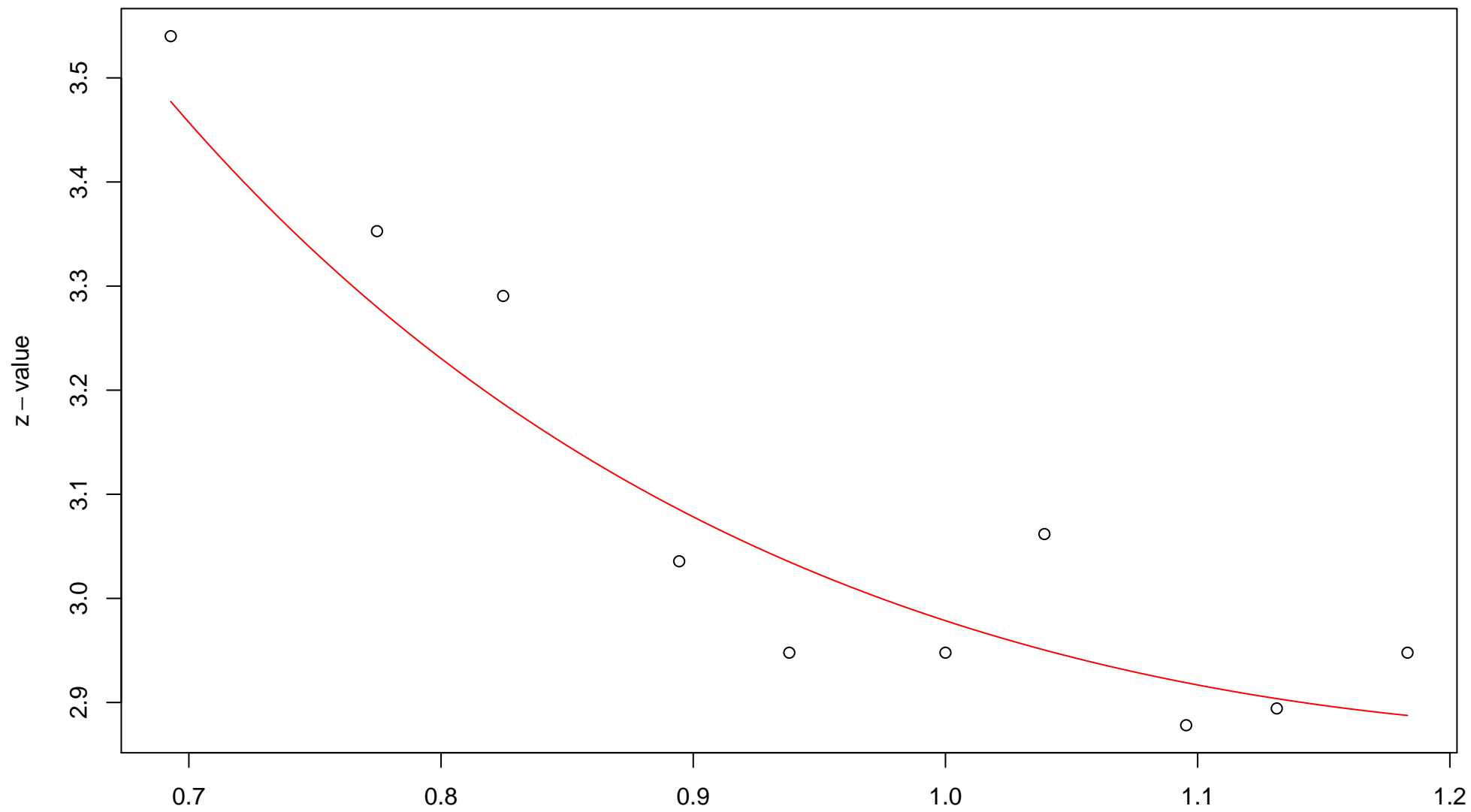


### 360th edge



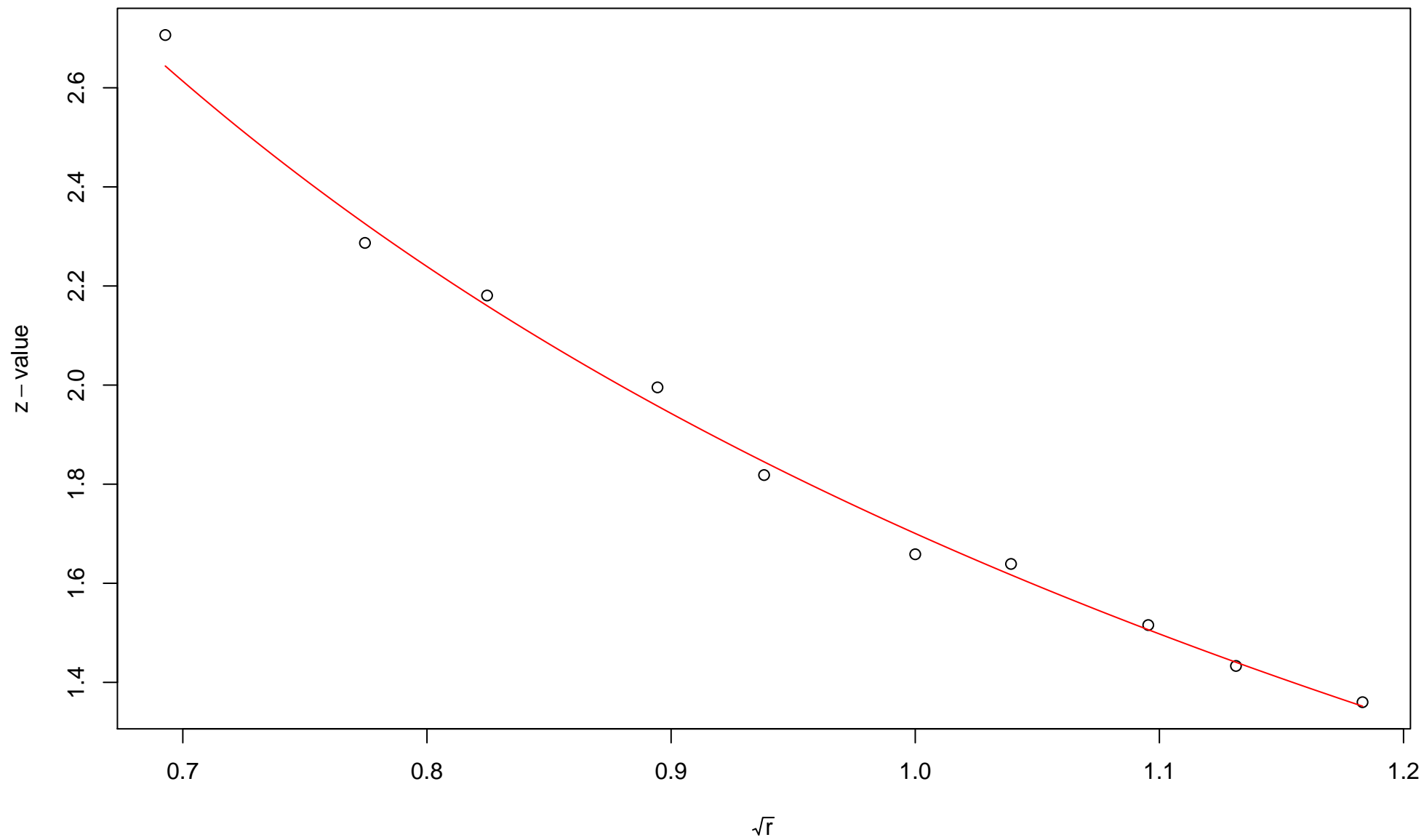
$\sqrt{r}$   
AU = 0.92 , BP = 0 ,  $v = 0.77$  , c = 2.17 , pchi = 0.85

### 361st edge



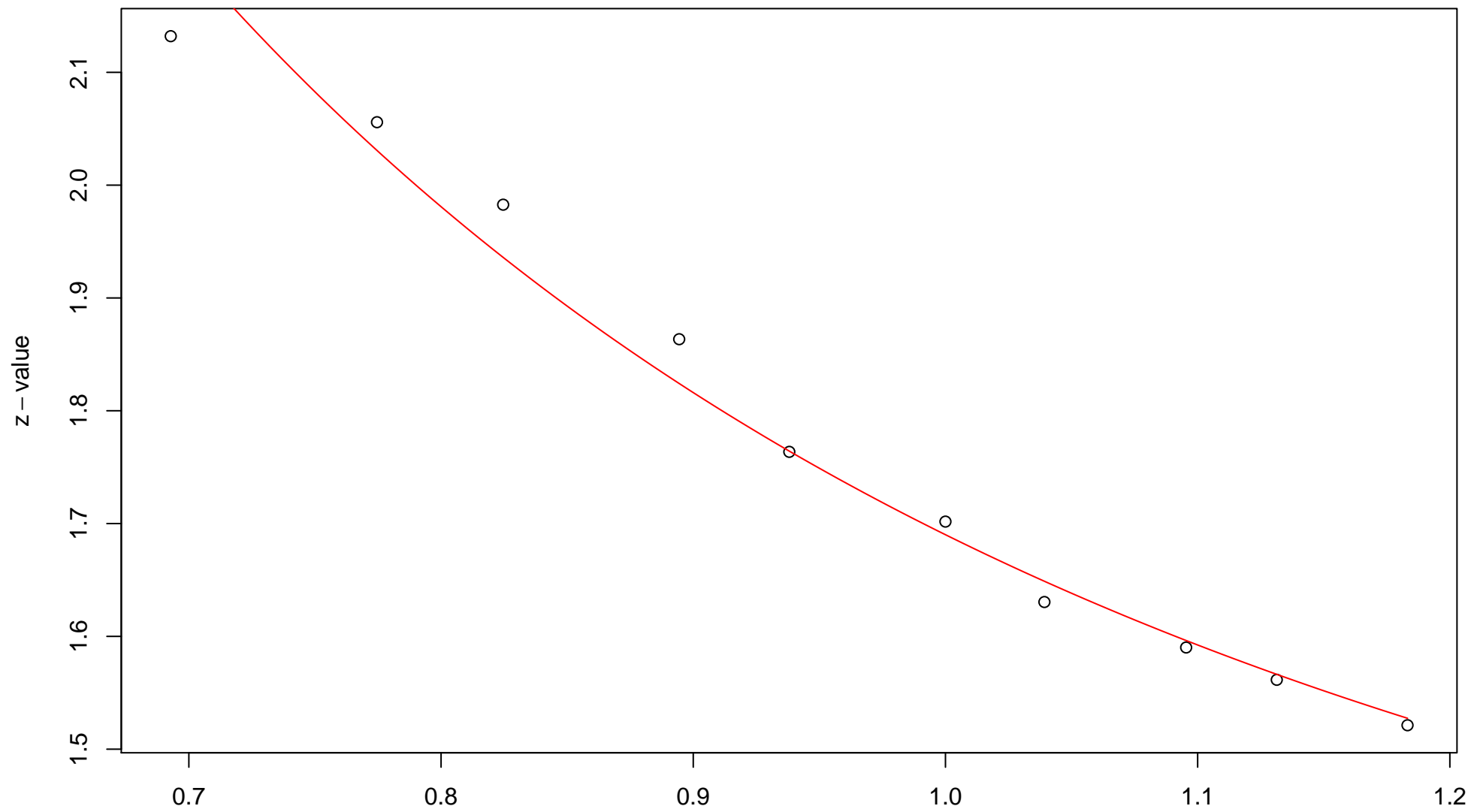
$\sqrt{r}$   
AU = 0.78 , BP = 0 ,  $v$  = 1.1 ,  $c$  = 1.88 ,  $p_{\text{chi}}$  = 0.72

### 362nd edge



AU = 0.99 , BP = 0.04 ,  $v = -0.25$  ,  $c = 1.95$  ,  $pchi = 0.18$

### 363rd edge



$\sqrt{r}$   
AU = 0.87 , BP = 0.05 ,  $v = 0.29$  ,  $c = 1.4$  ,  $pchi = 0.05$

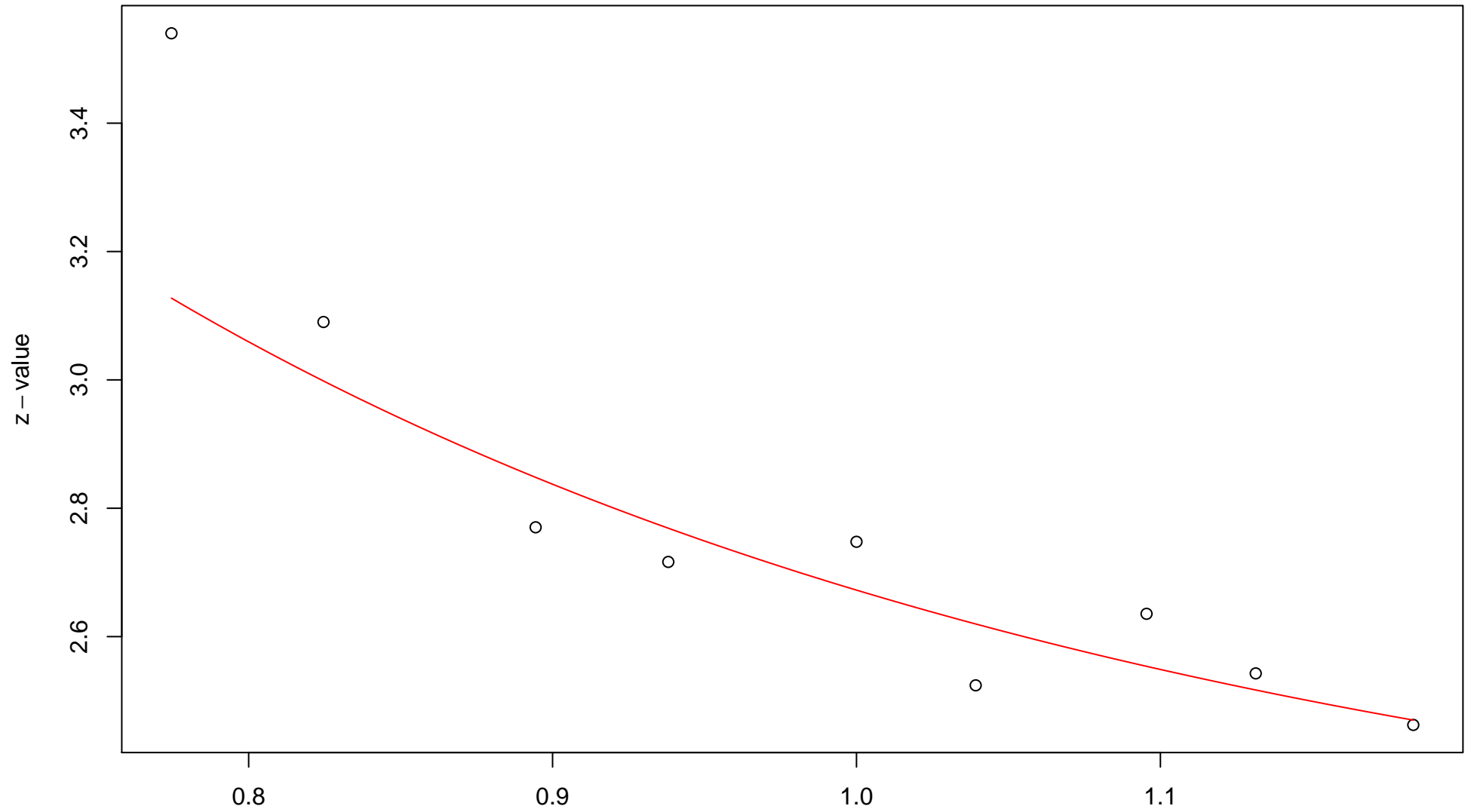
364th edge

z - value

No fitting

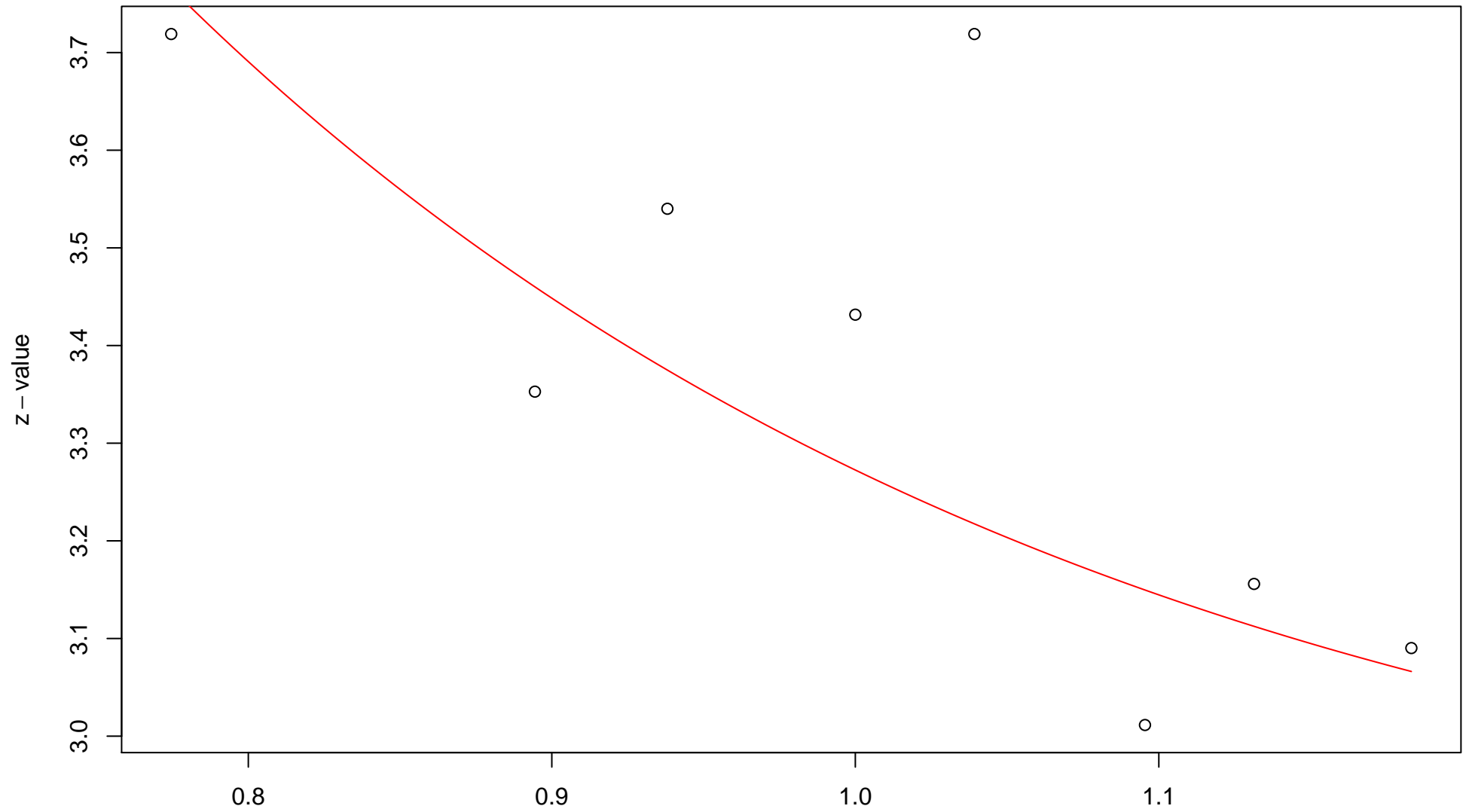
$\sqrt{r}$   
AU = 0 , BP = 0 , v = 0 , c = 0 , pchi = 0

### 365th edge



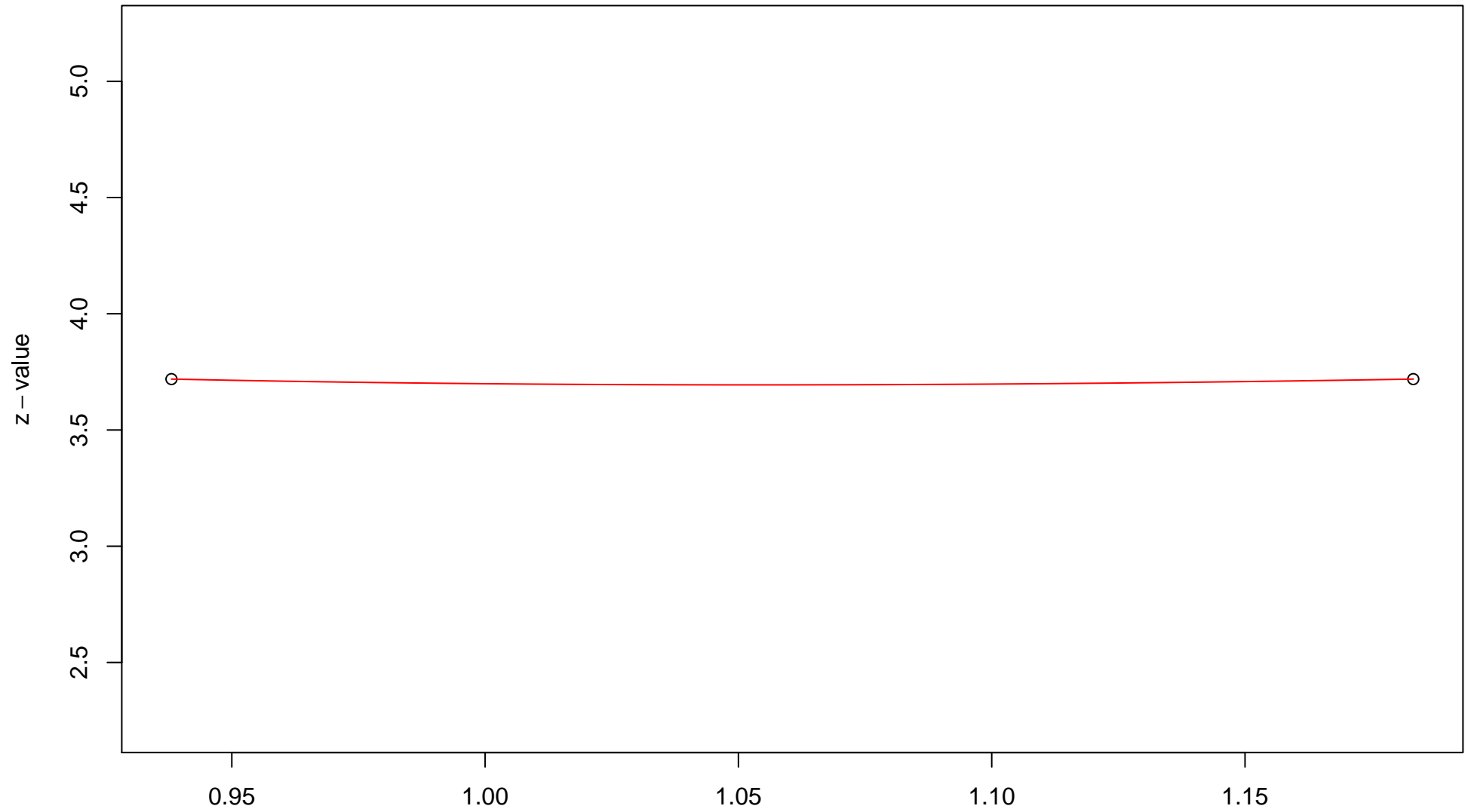
$\sqrt{r}$   
AU = 0.92 , BP = 0 ,  $v = 0.62$  ,  $c = 2.05$  ,  $pchi = 0.02$

### 366th edge



$\sqrt{r}$   
AU = 0.93 , BP = 0 , v = 0.89 , c = 2.38 , pchi = 0.16

### 367th edge



$\sqrt{r}$   
AU = 0.58 , BP = 0 , v = 1.75 , c = 1.95 , pchi = 1



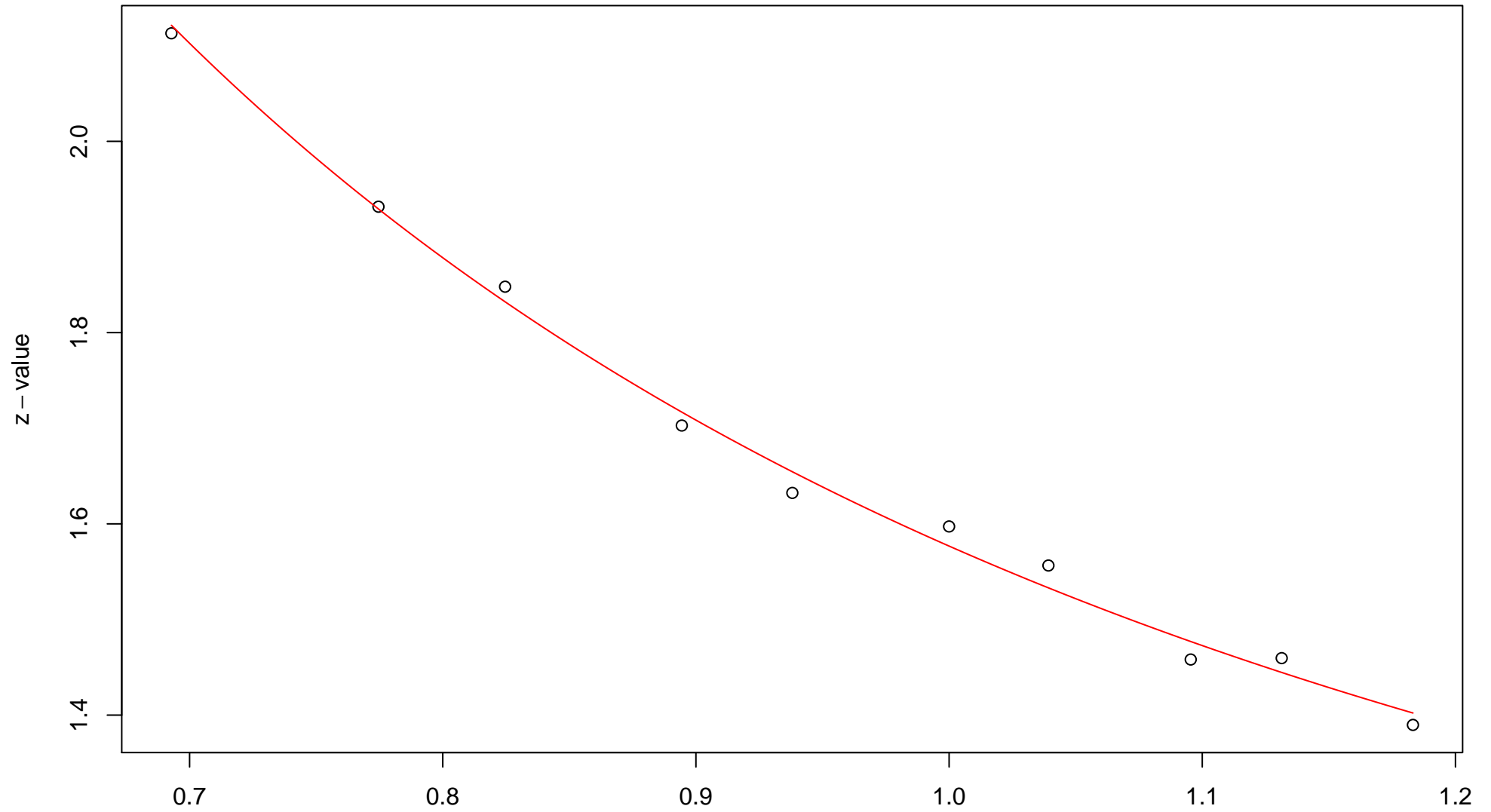
368th edge

z - value

No fitting

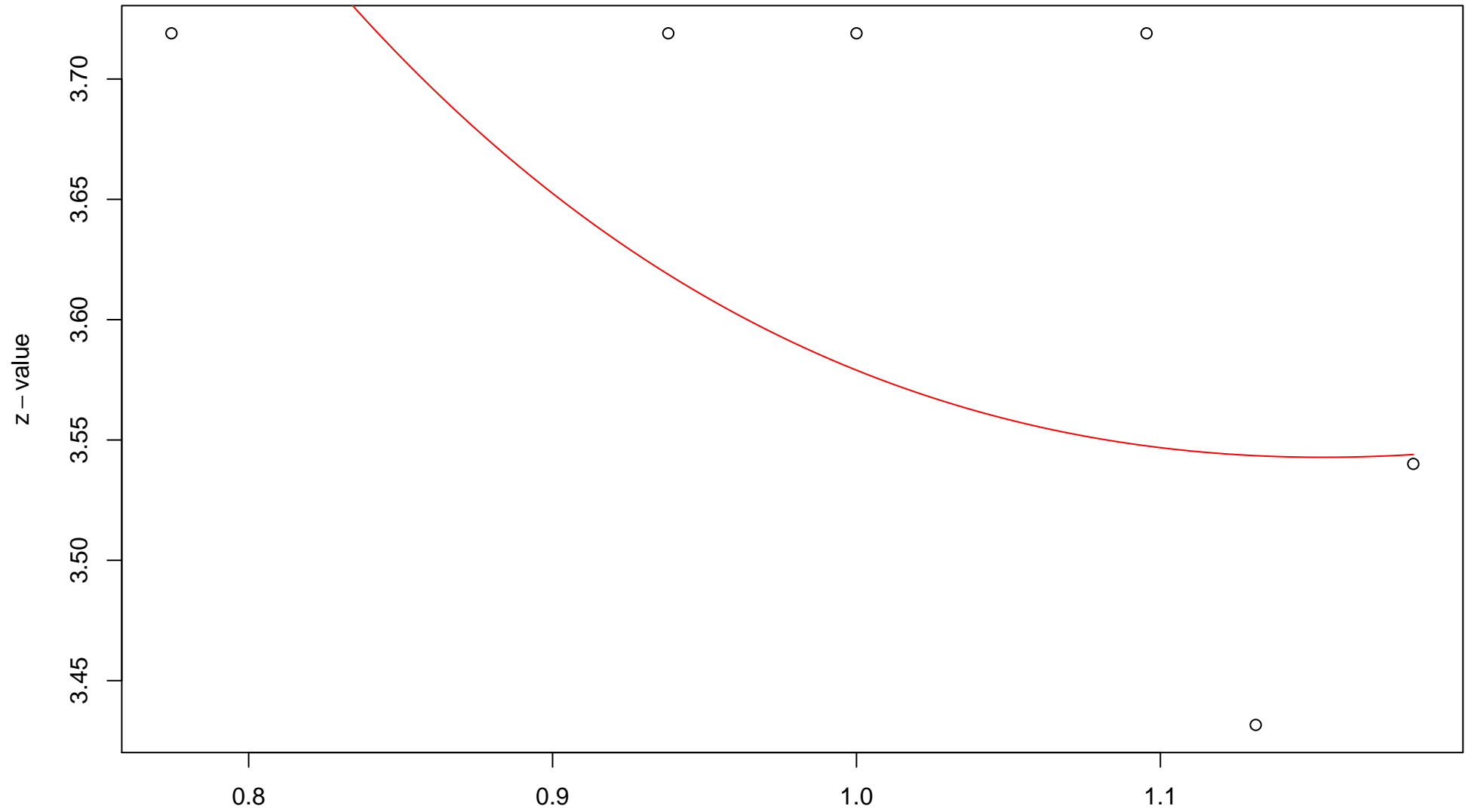
$\sqrt{r}$   
AU = 0 , BP = 0 , v = 0 , c = 0 , pchi = 0

### 369th edge



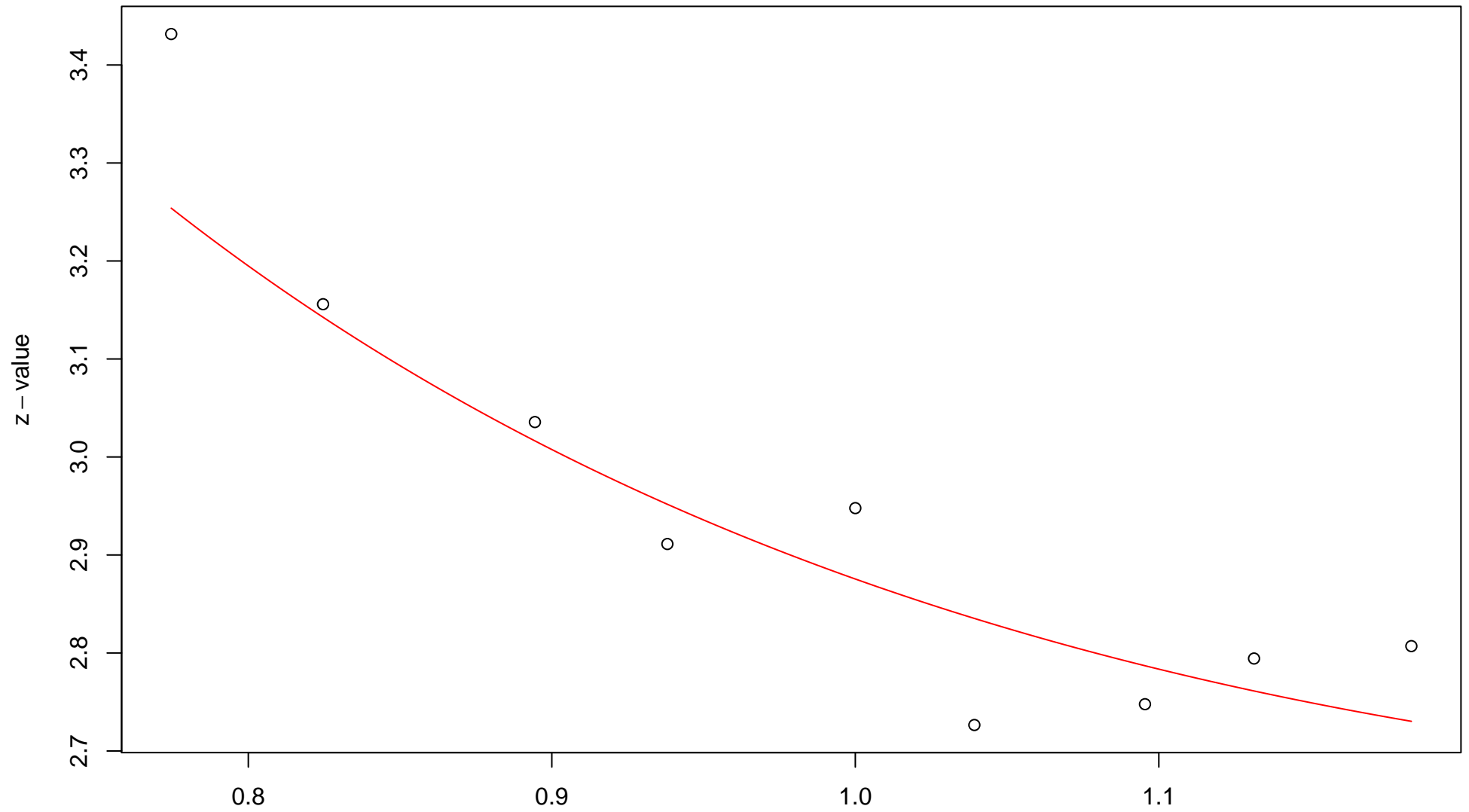
$\sqrt{r}$   
AU = 0.88 , BP = 0.06 ,  $v$  = 0.21 ,  $c$  = 1.37 , pchi = 0.59

### 370th edge



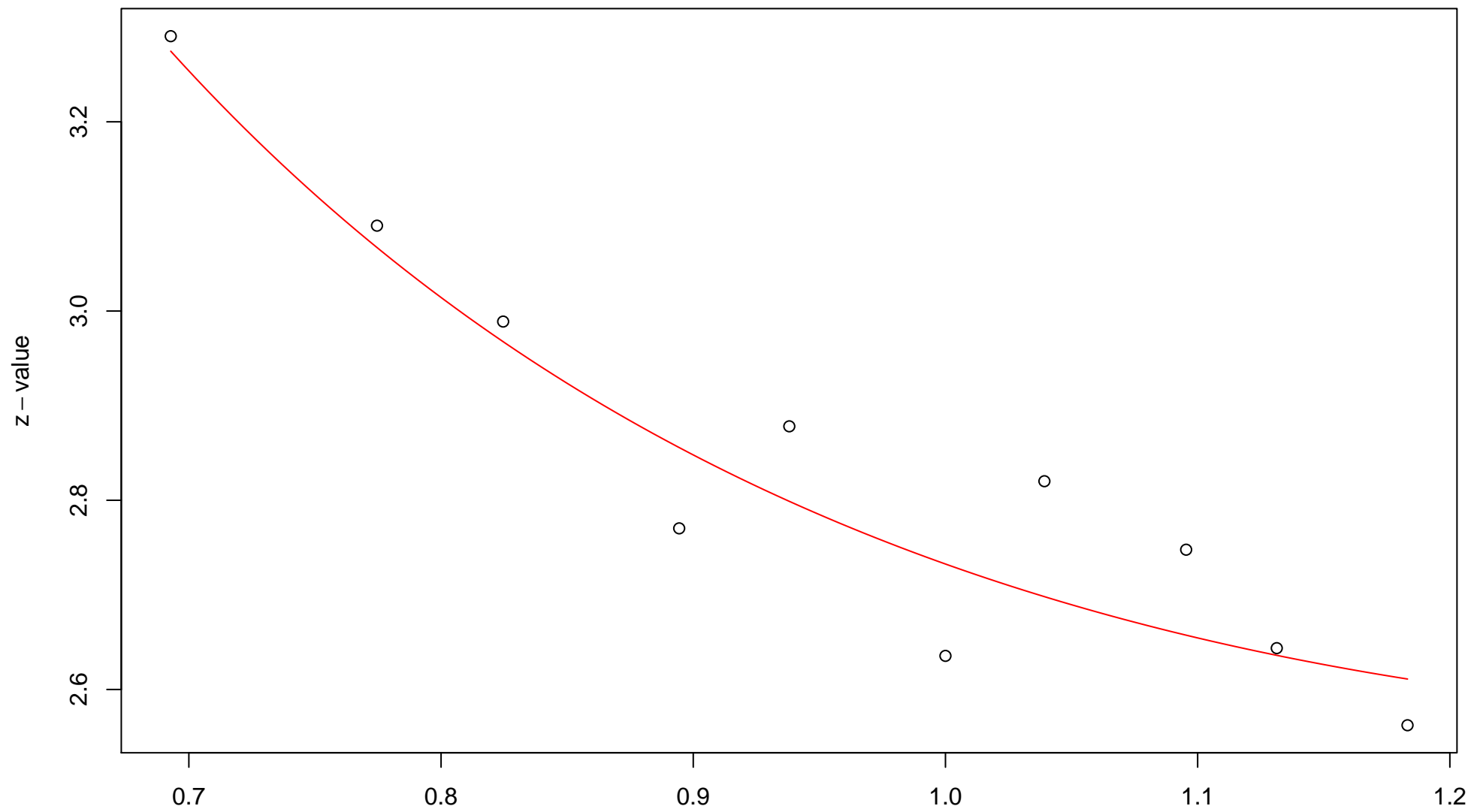
$\sqrt{r}$   
AU = 0.69 , BP = 0 , v = 1.54 , c = 2.04 , pchi = 0.81

### 371st edge



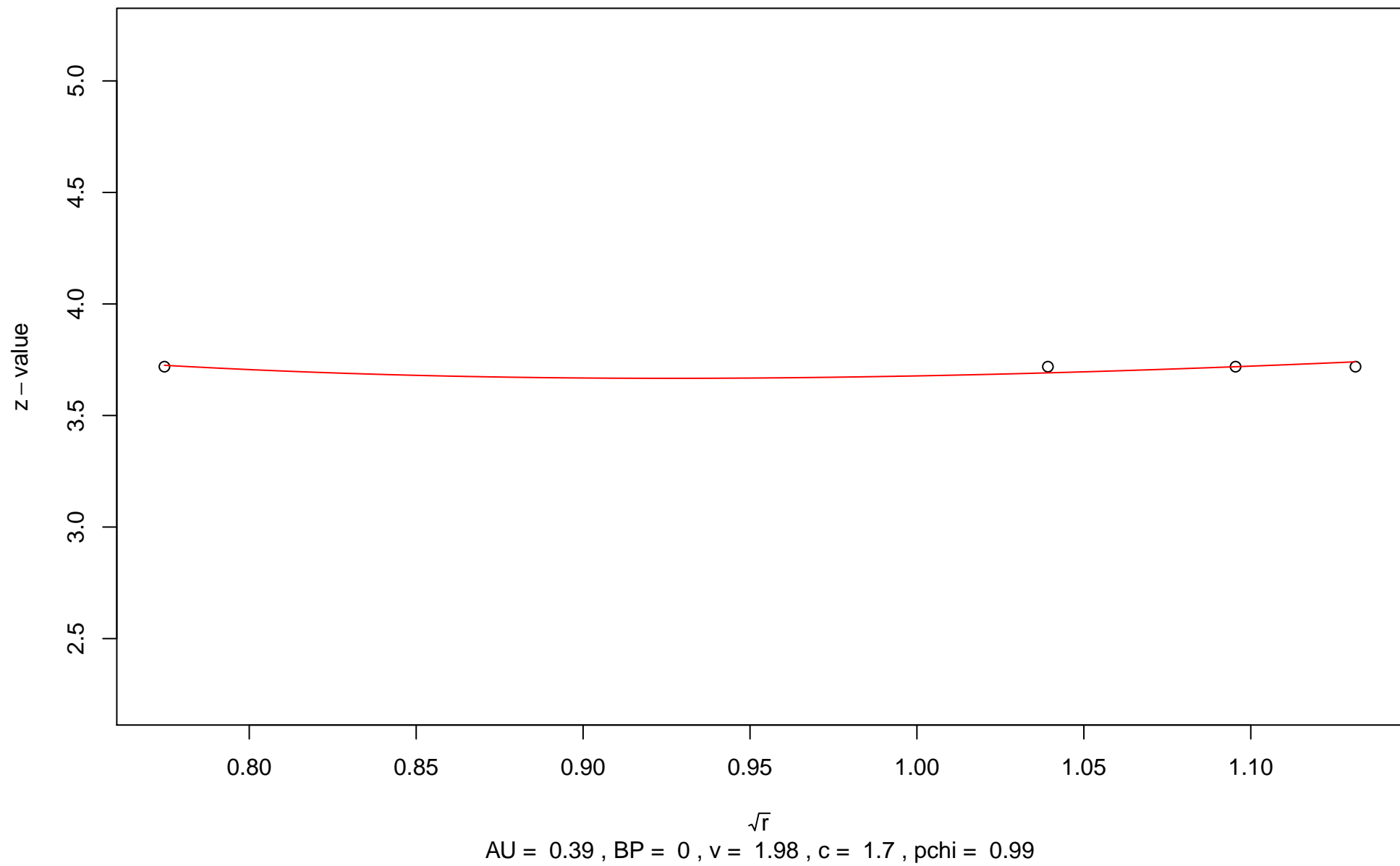
$\sqrt{r}$   
AU = 0.86 , BP = 0 , v = 0.89 , c = 1.99 , pchi = 0.32

### 372nd edge



$\sqrt{r}$   
AU = 0.83 , BP = 0 ,  $v = 0.89$  ,  $c = 1.84$  ,  $pchi = 0.09$

### 373rd edge



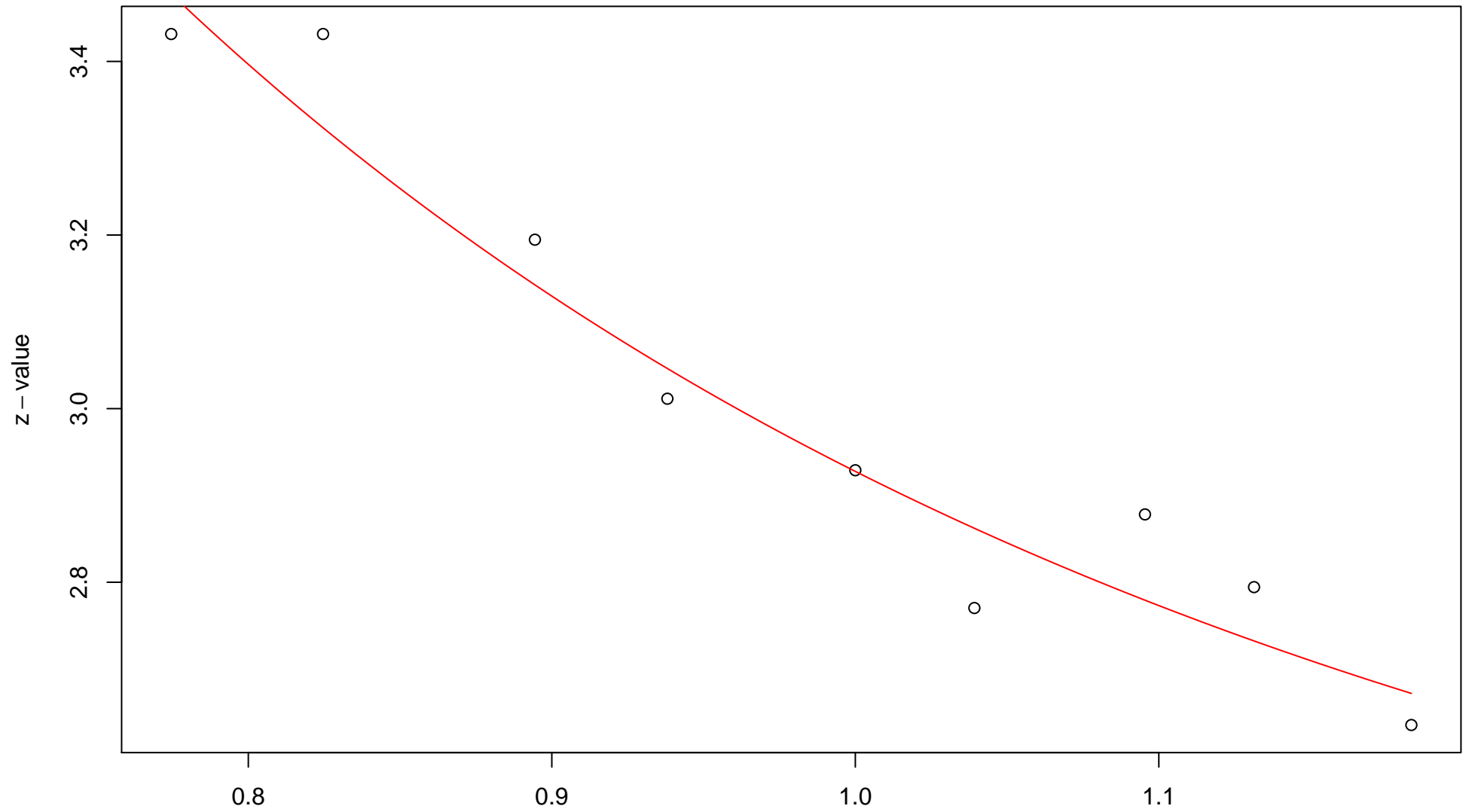
374th edge

z - value

No fitting

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

### 375th edge



$\sqrt{r}$   
AU = 0.96 , BP = 0 ,  $v = 0.58$  ,  $c = 2.34$  ,  $pchi = 0.47$



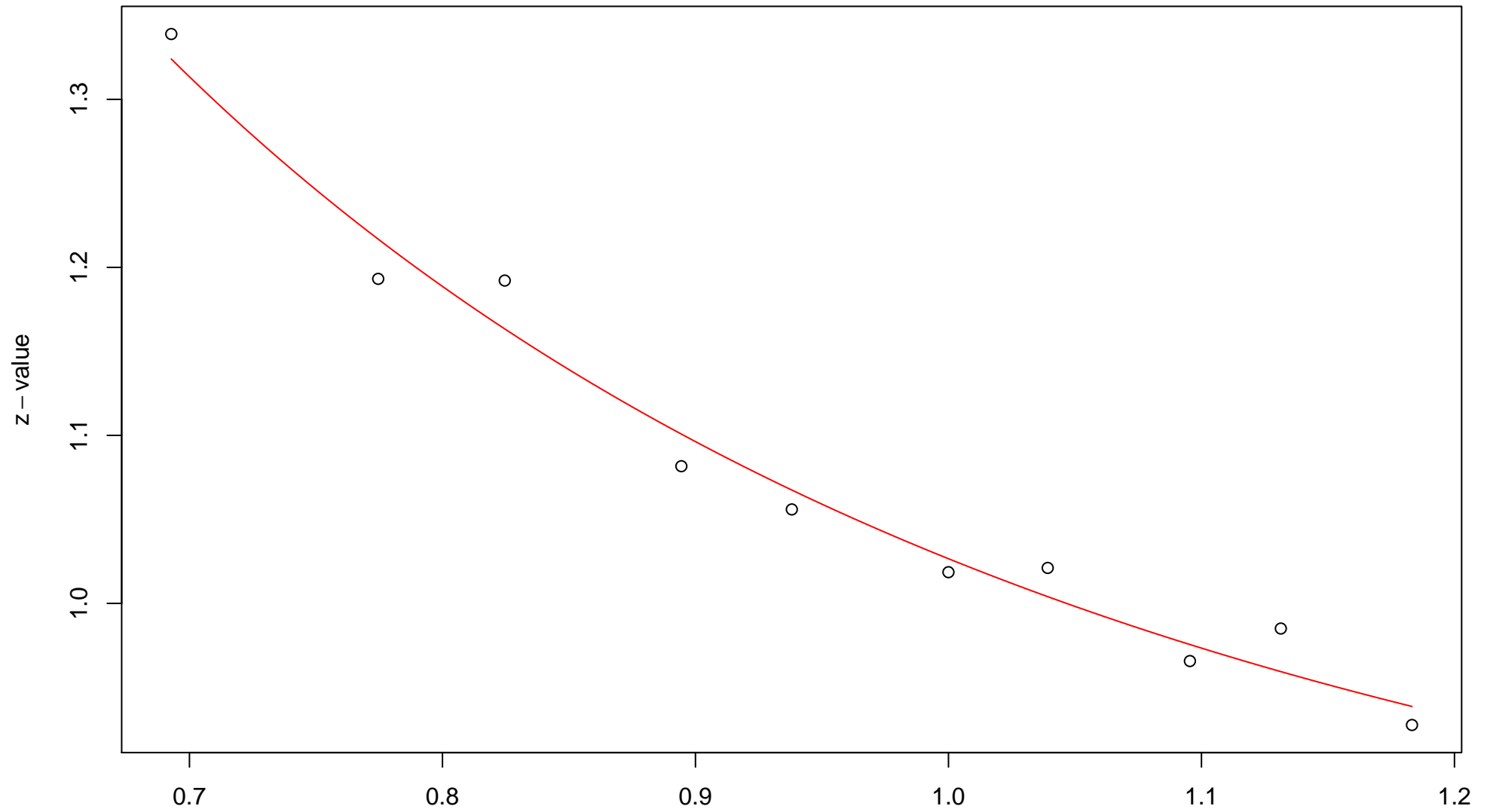
376th edge

z - value

No fitting

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

### 377th edge



$\sqrt{r}$   
AU = 0.73 , BP = 0.15 ,  $v = 0.21$  , c = 0.82 , pchi = 0.1

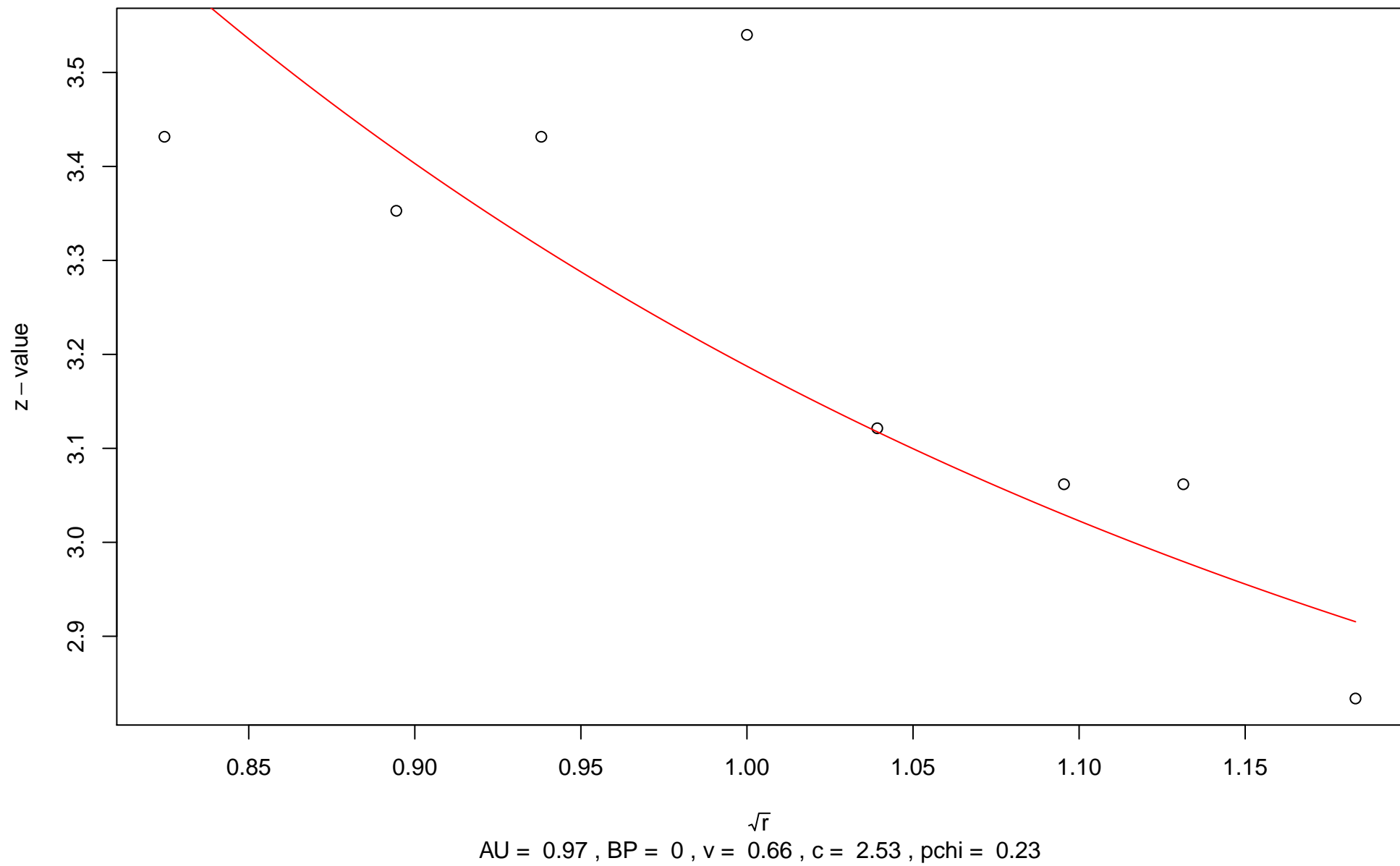
378th edge

z - value

No fitting

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

### 379th edge



380th edge

z - value

No fitting

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

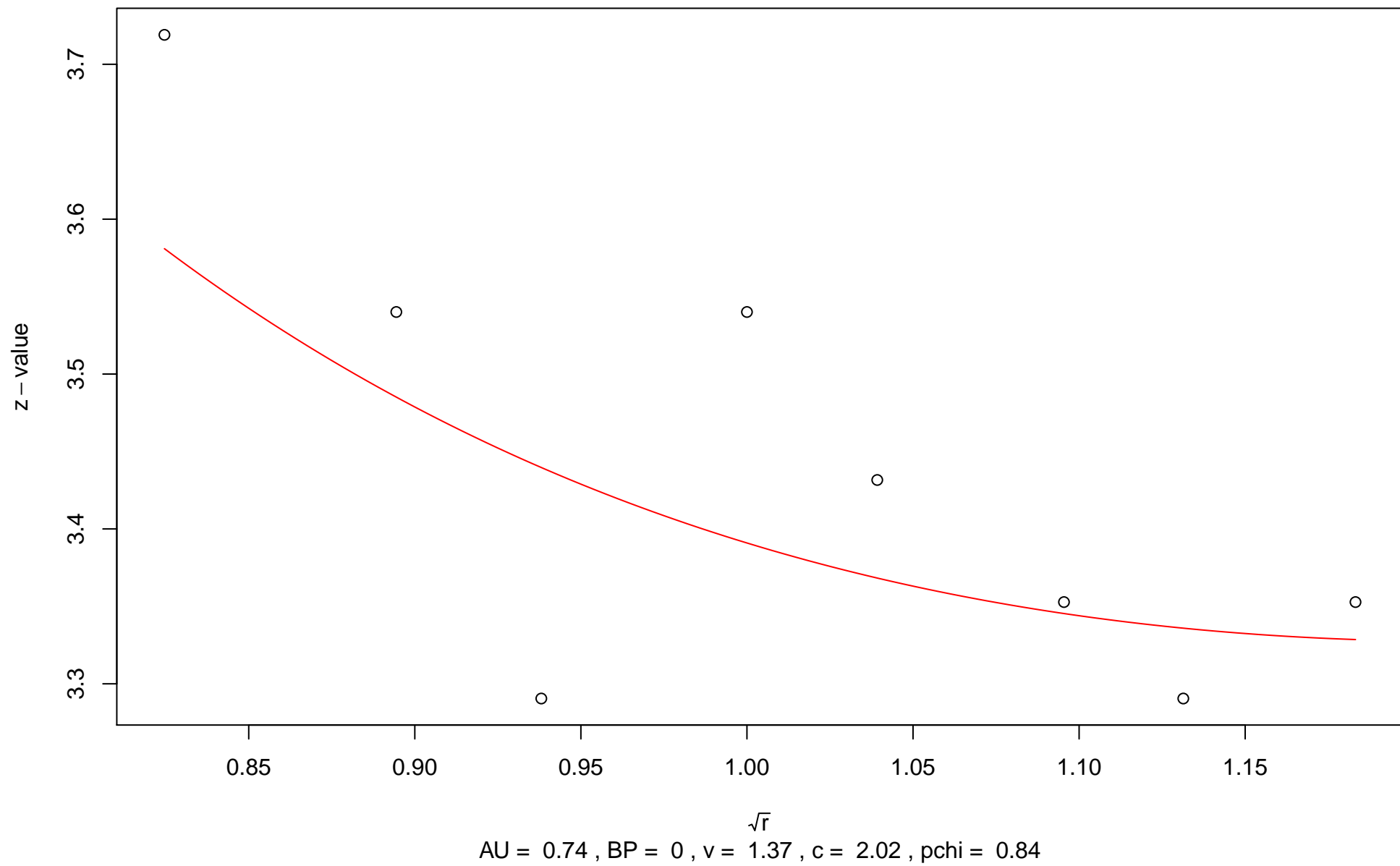
**381st edge**

z – value

No fitting

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

### 382nd edge



383rd edge

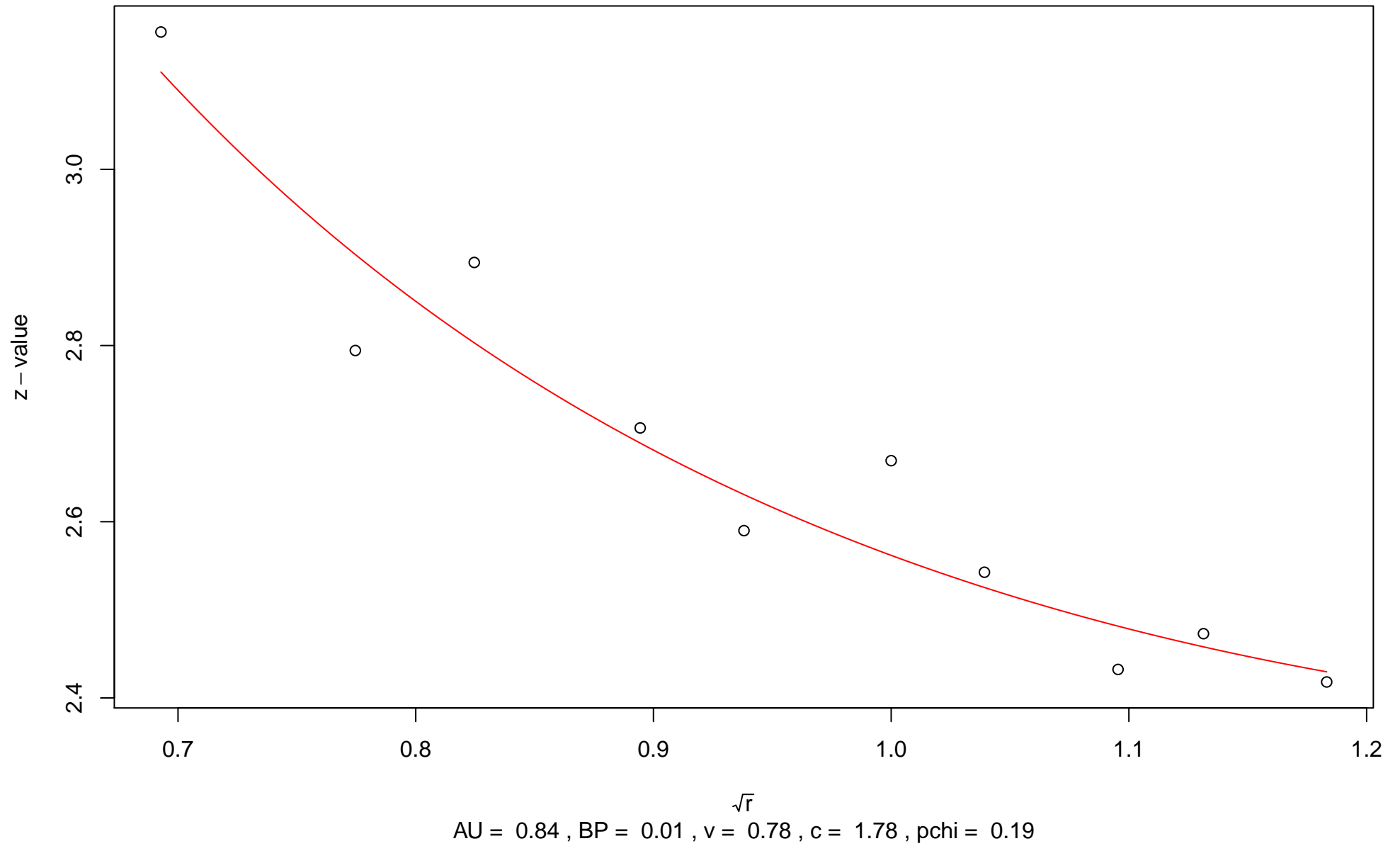
z - value

No fitting

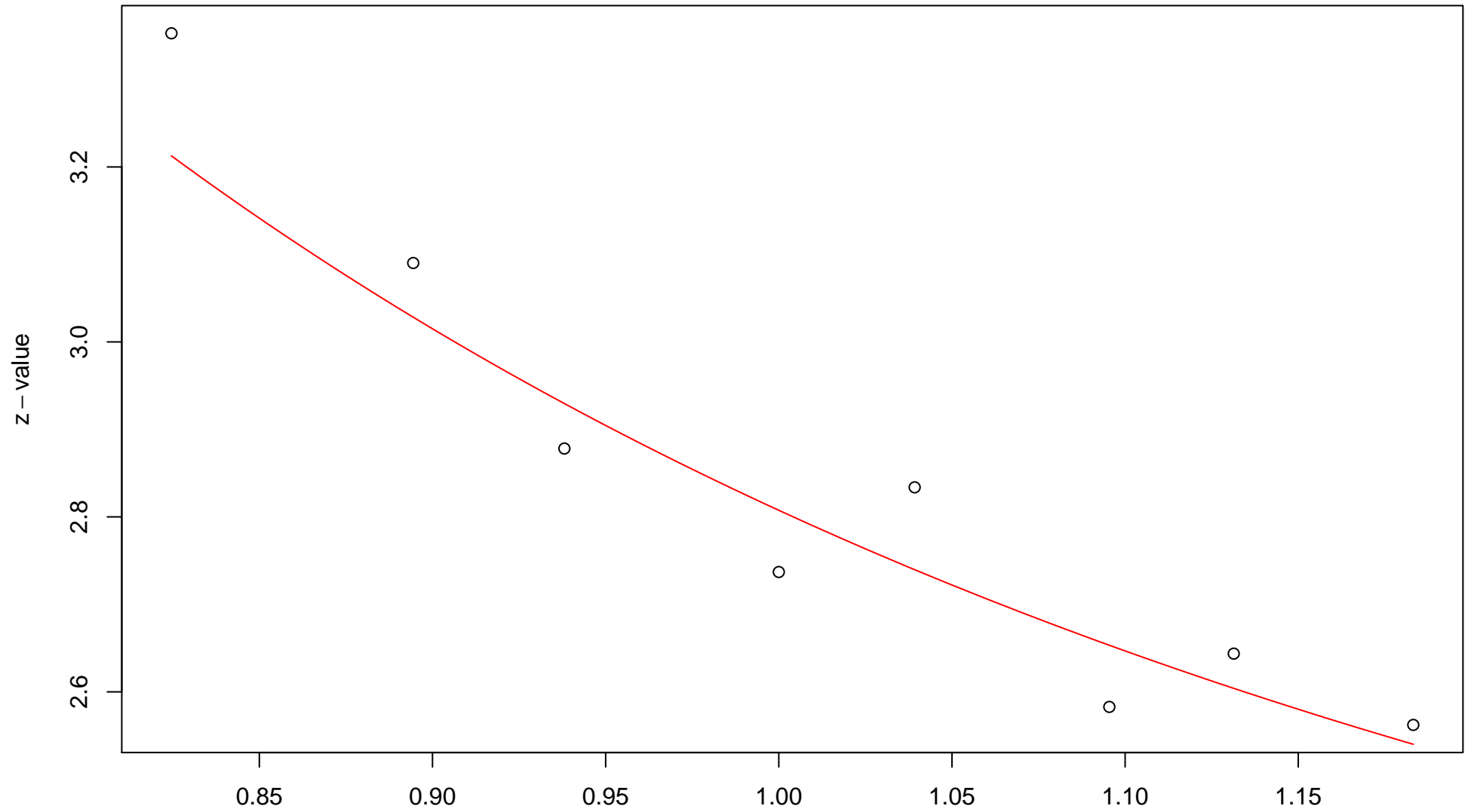
$\sqrt{r}$   
AU = 0 , BP = 0 , v = 0 , c = 0 , pchi = 0



### 384th edge

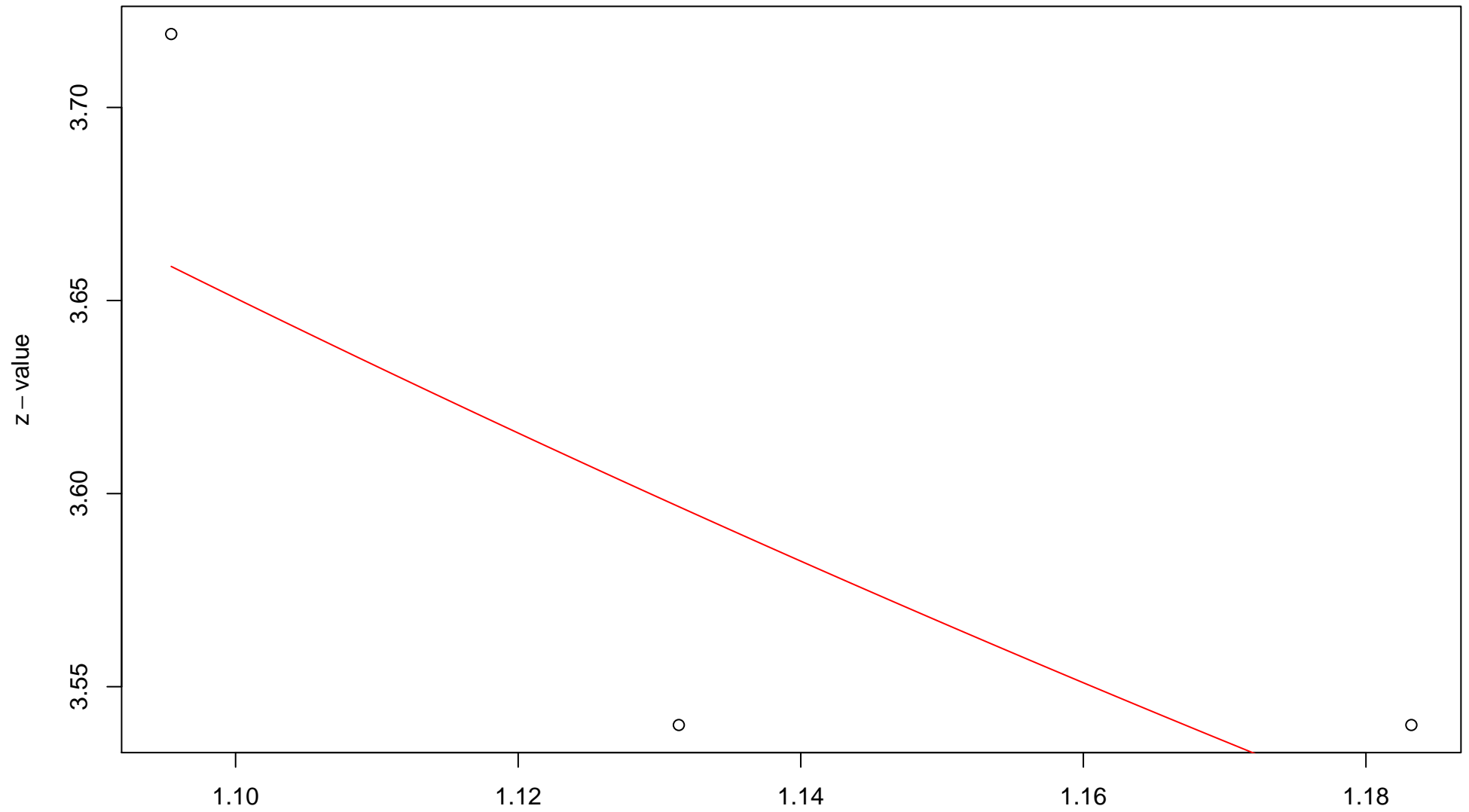


### 385th edge



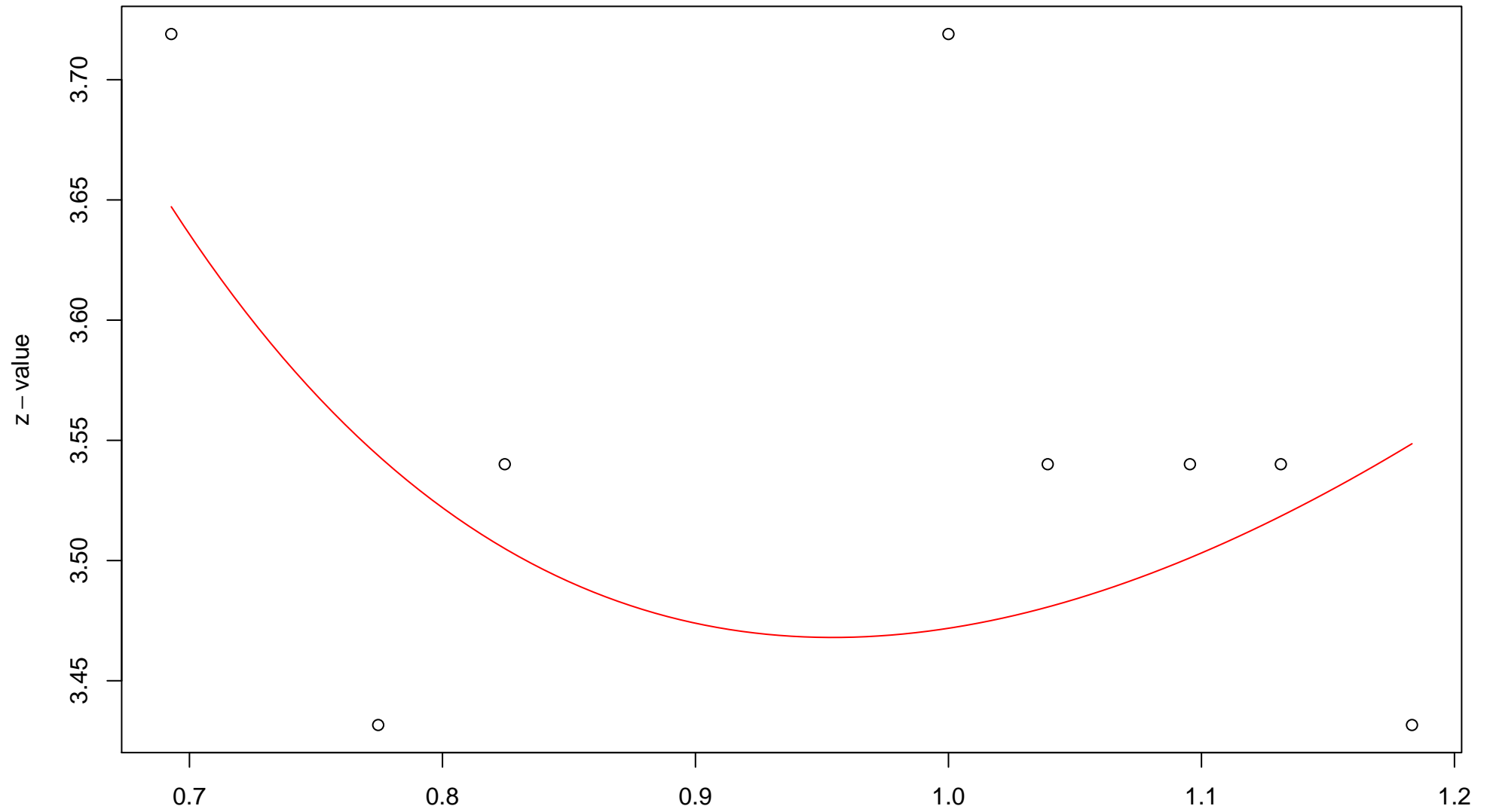
$\sqrt{r}$   
AU = 0.97 , BP = 0 ,  $v$  = 0.49 , c = 2.31 , pchi = 0.22

### 386th edge



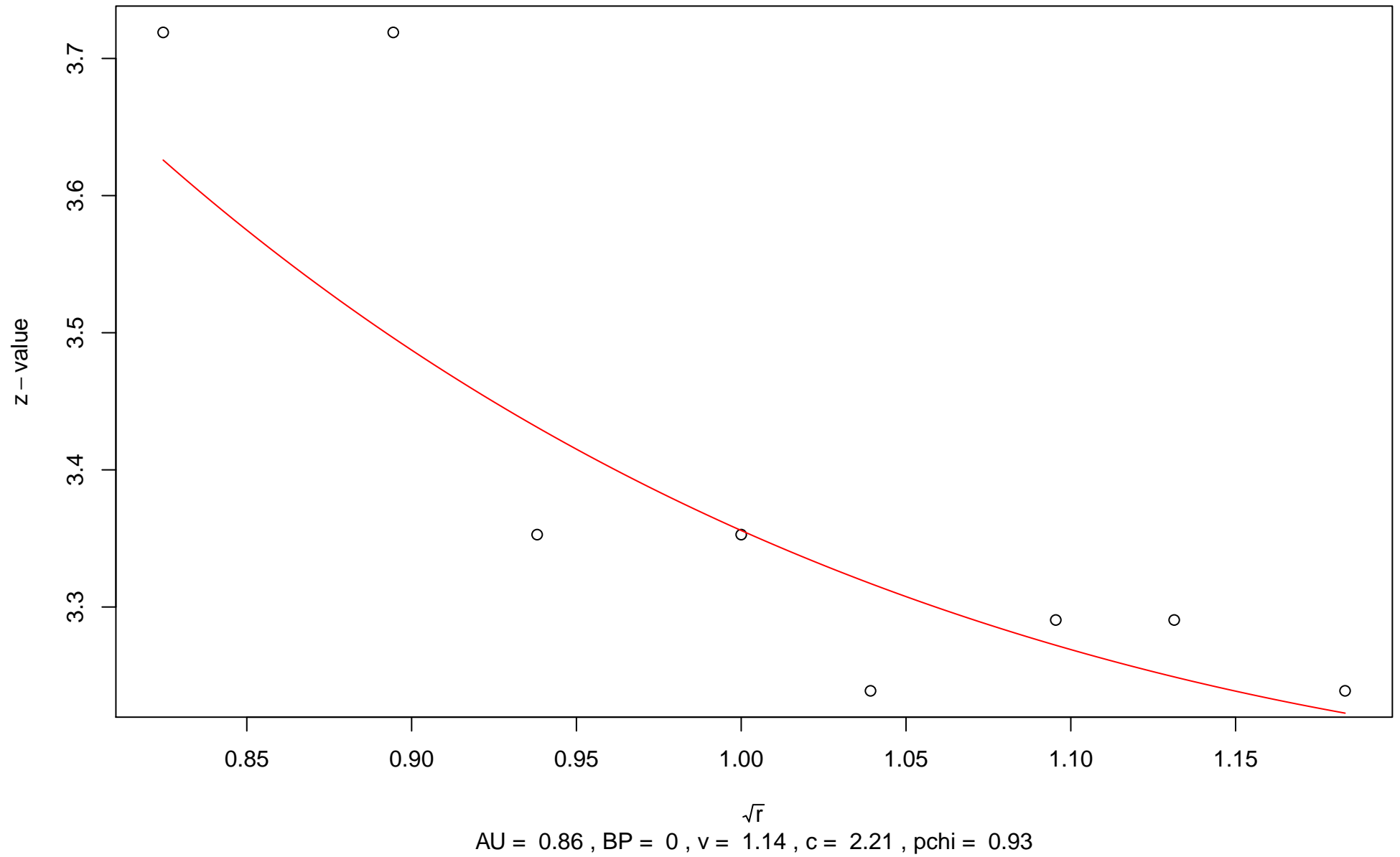
$\sqrt{r}$   
AU = 0.99 , BP = 0 , v = 0.76 , c = 3.09 , pchi = 0.68

### 387th edge

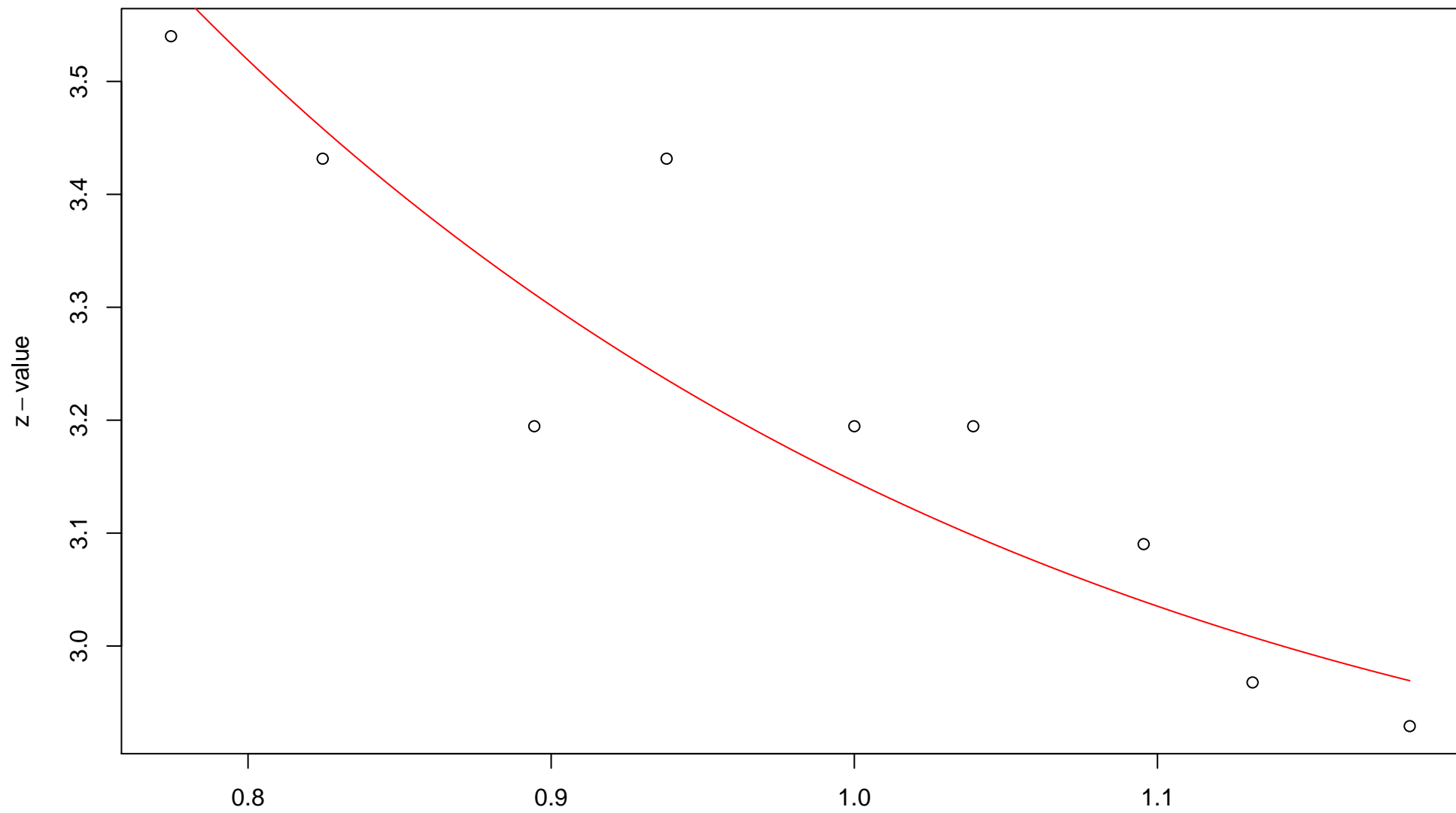


$\sqrt{r}$   
AU = 0.44 , BP = 0 ,  $v = 1.82$  ,  $c = 1.65$  ,  $pchi = 0.89$

### 388th edge



### 389th edge



$\sqrt{r}$   
AU = 0.9 , BP = 0 ,  $v$  = 0.92 , c = 2.23 , pchi = 0.71

390th edge

z - value

No fitting

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

391st edge

z - value

No fitting

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



392nd edge

z - value

No fitting

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

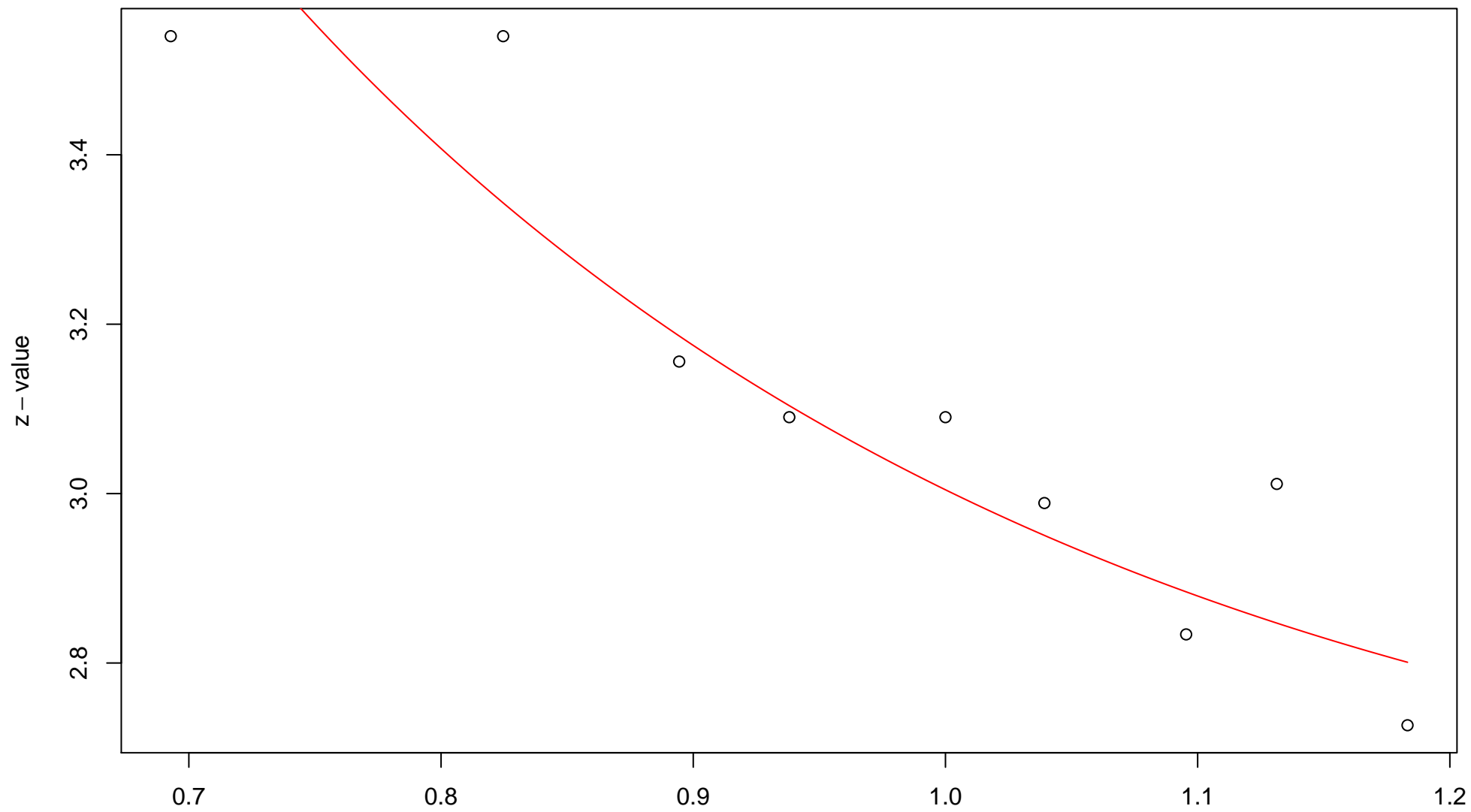
393rd edge

z - value

No fitting

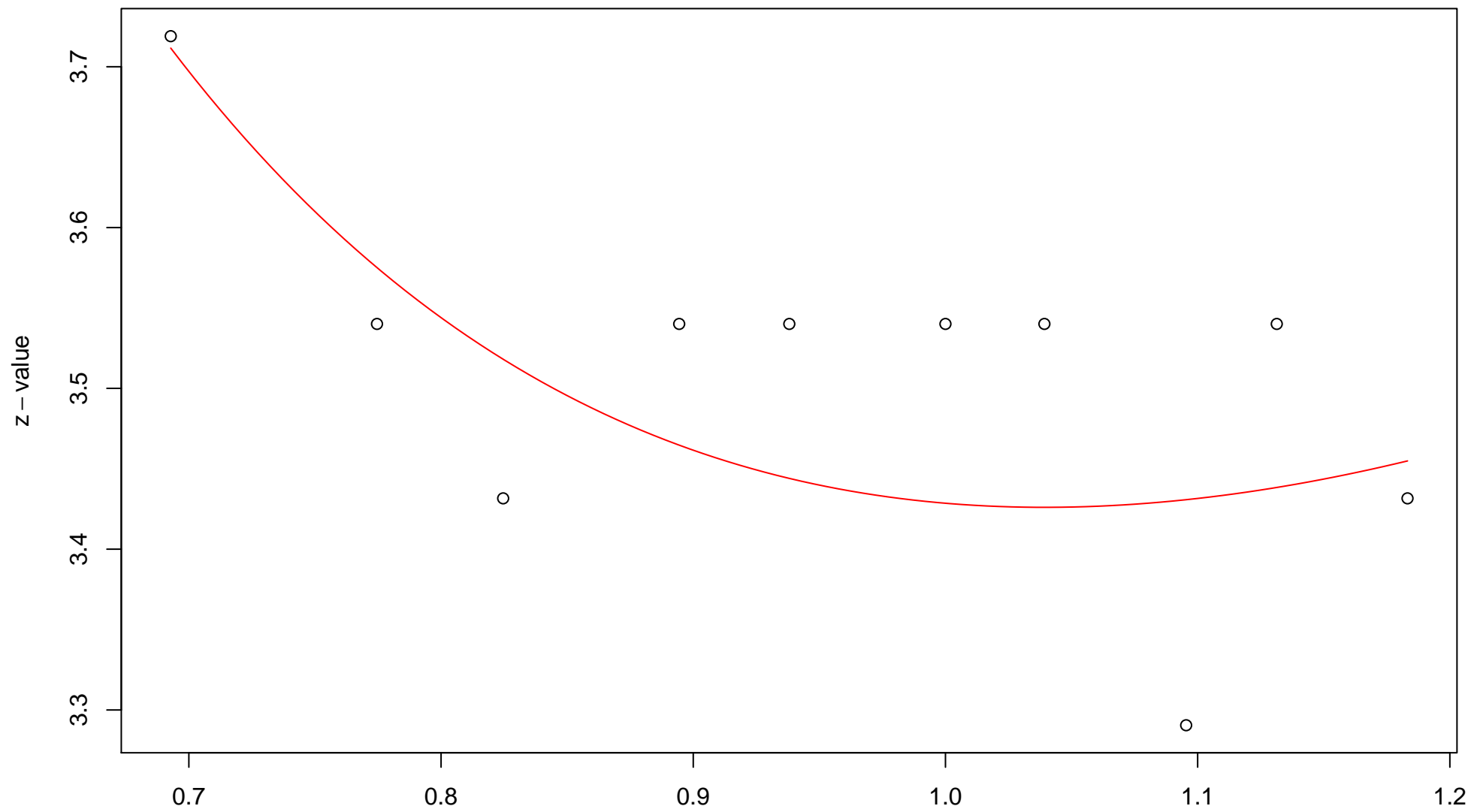
$\sqrt{r}$   
AU = 0 , BP = 0 , v = 0 , c = 0 , pchi = 0

### 394th edge



$\sqrt{r}$   
AU = 0.93 , BP = 0 ,  $v = 0.77$  ,  $c = 2.23$  , pchi = 0.21

### 395th edge



$\sqrt{r}$   
AU = 0.55 , BP = 0 , v = 1.65 , c = 1.78 , pchi = 0.93

396th edge

z - value

No fitting

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

397th edge

z - value

No fitting

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

398th edge

z – value

No fitting

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

399th edge

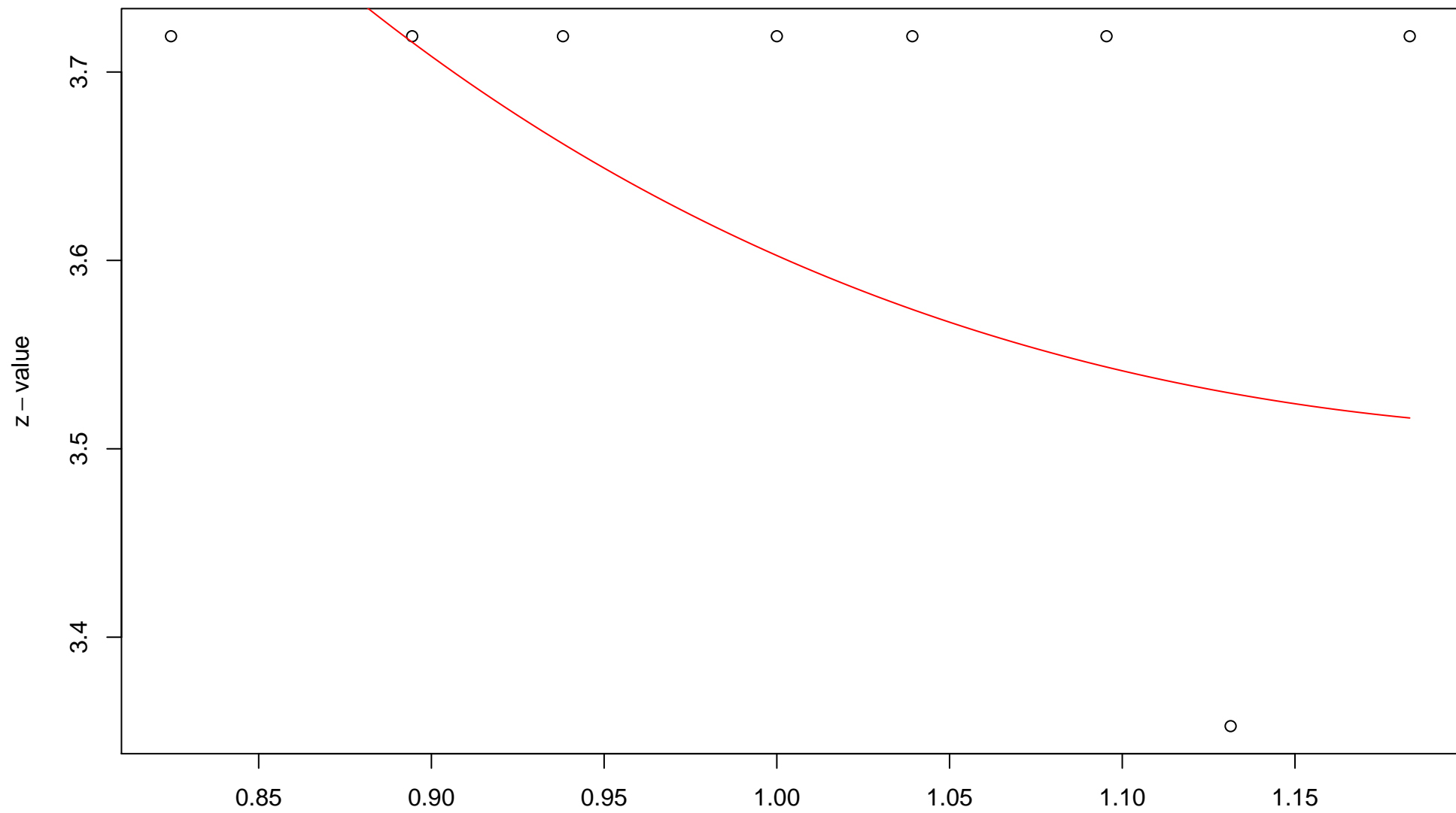
z - value

No fitting

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



# 400th edge



$\sqrt{r}$   
AU = 0.79 , BP = 0 , v = 1.4 , c = 2.21 , pchi = 0.74

401st edge

z - value

No fitting

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

402nd edge

z - value

No fitting

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

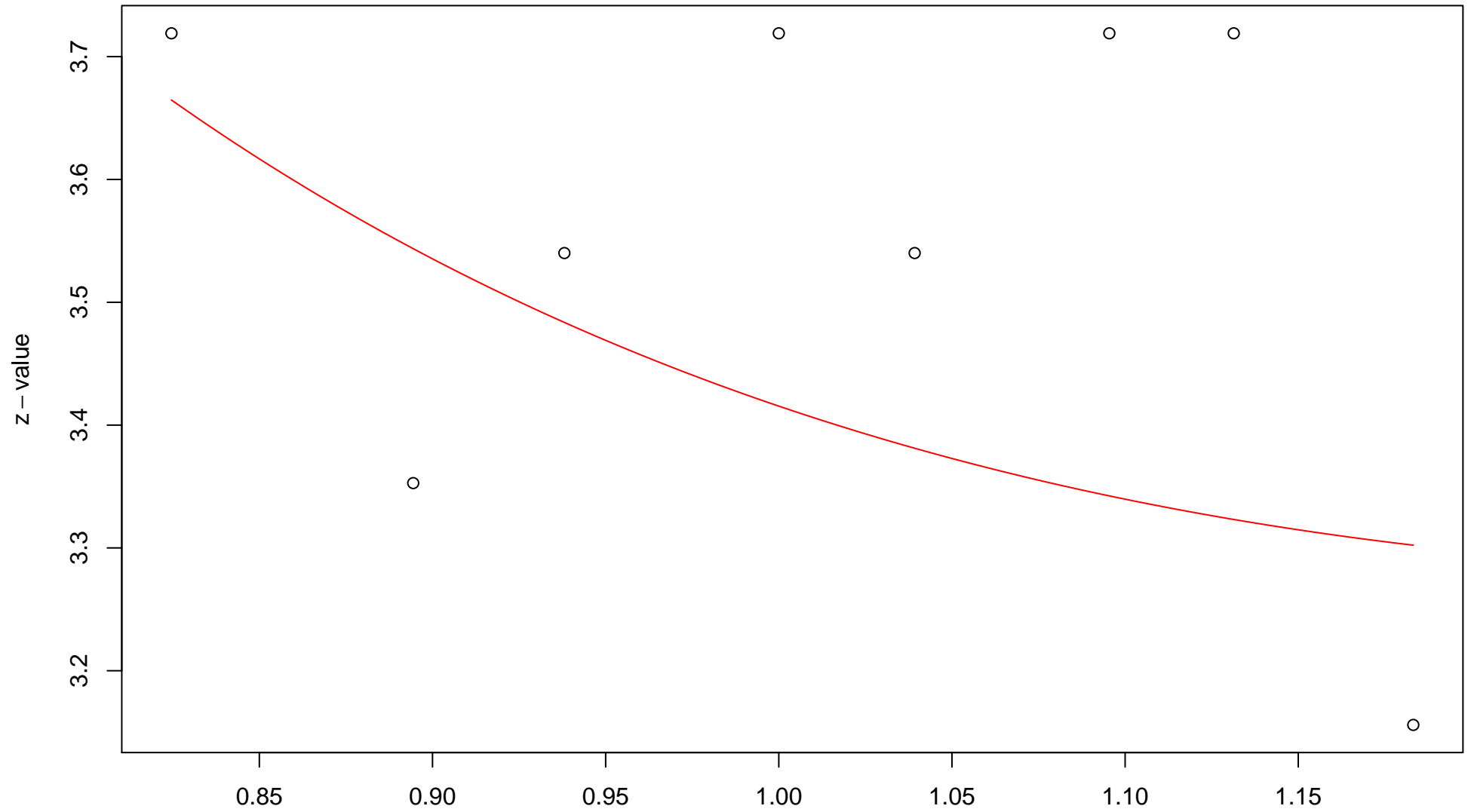
403rd edge

z - value

No fitting

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

# 404th edge



$\sqrt{r}$   
AU = 0.83 , BP = 0 , v = 1.23 , c = 2.19 , pchi = 0.09

405th edge

z - value

No fitting

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

406th edge

z - value

No fitting

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

407th edge

z - value

No fitting

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



408th edge

z - value

No fitting

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

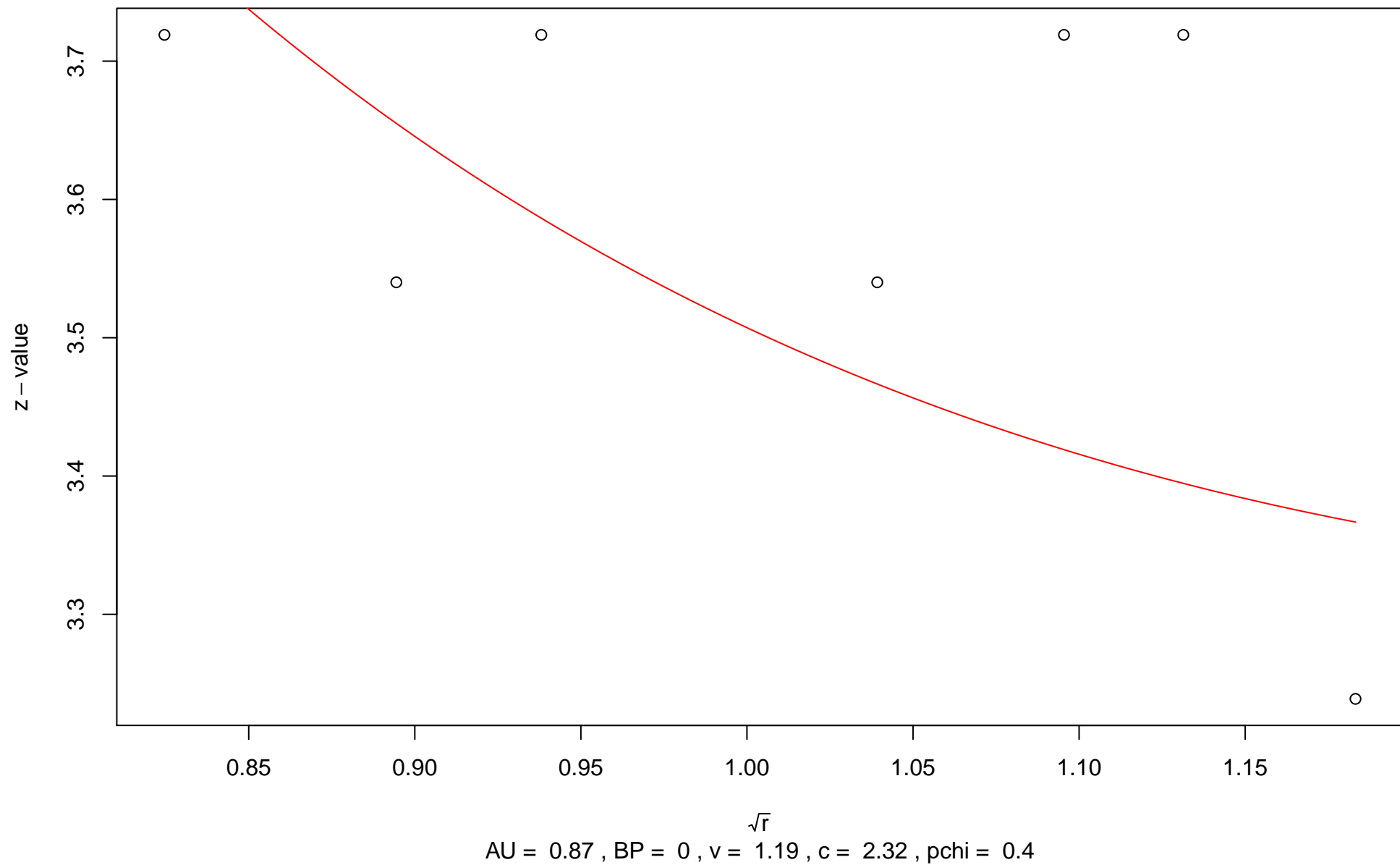
409th edge

z - value

No fitting

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

# 410th edge



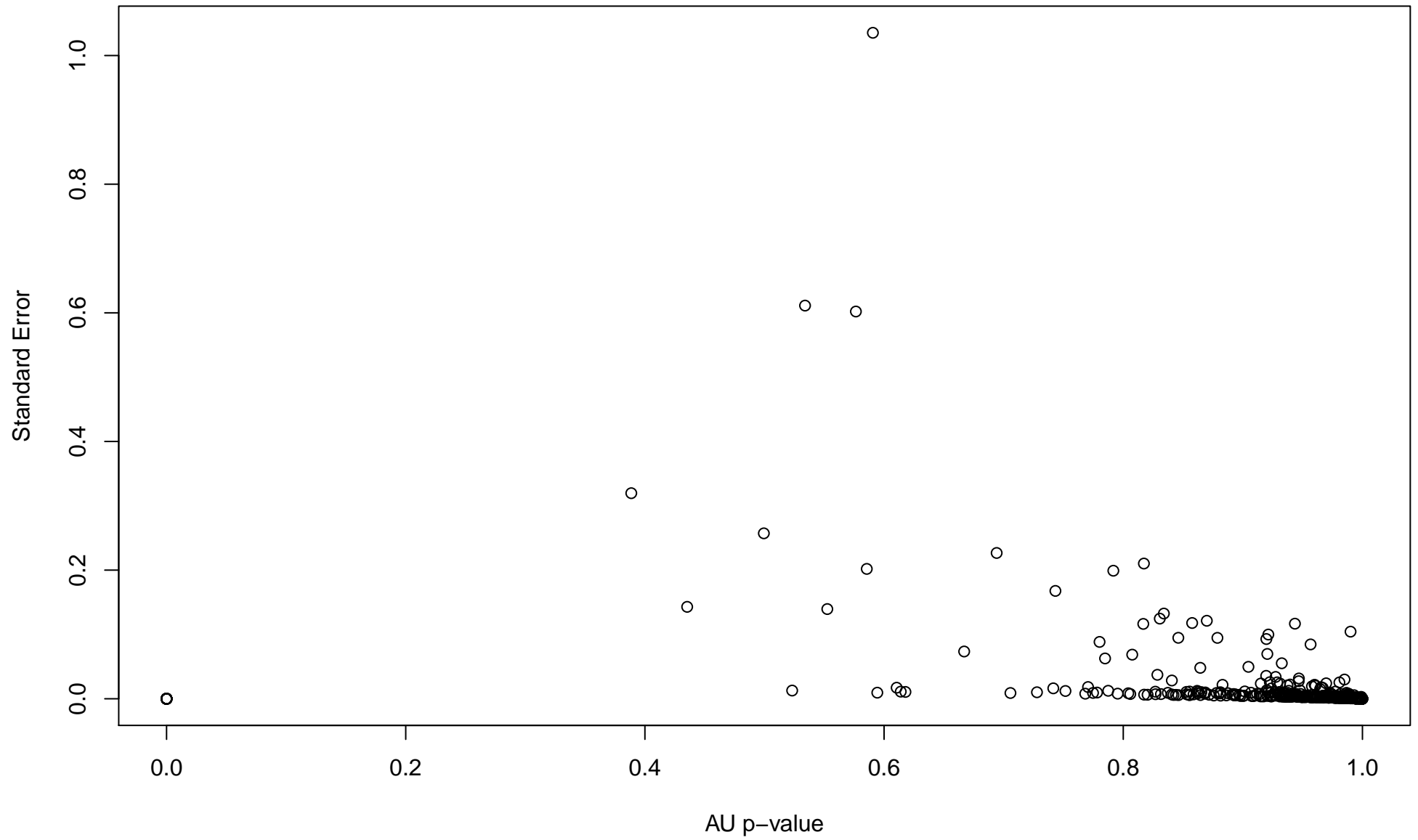
411st edge

z - value

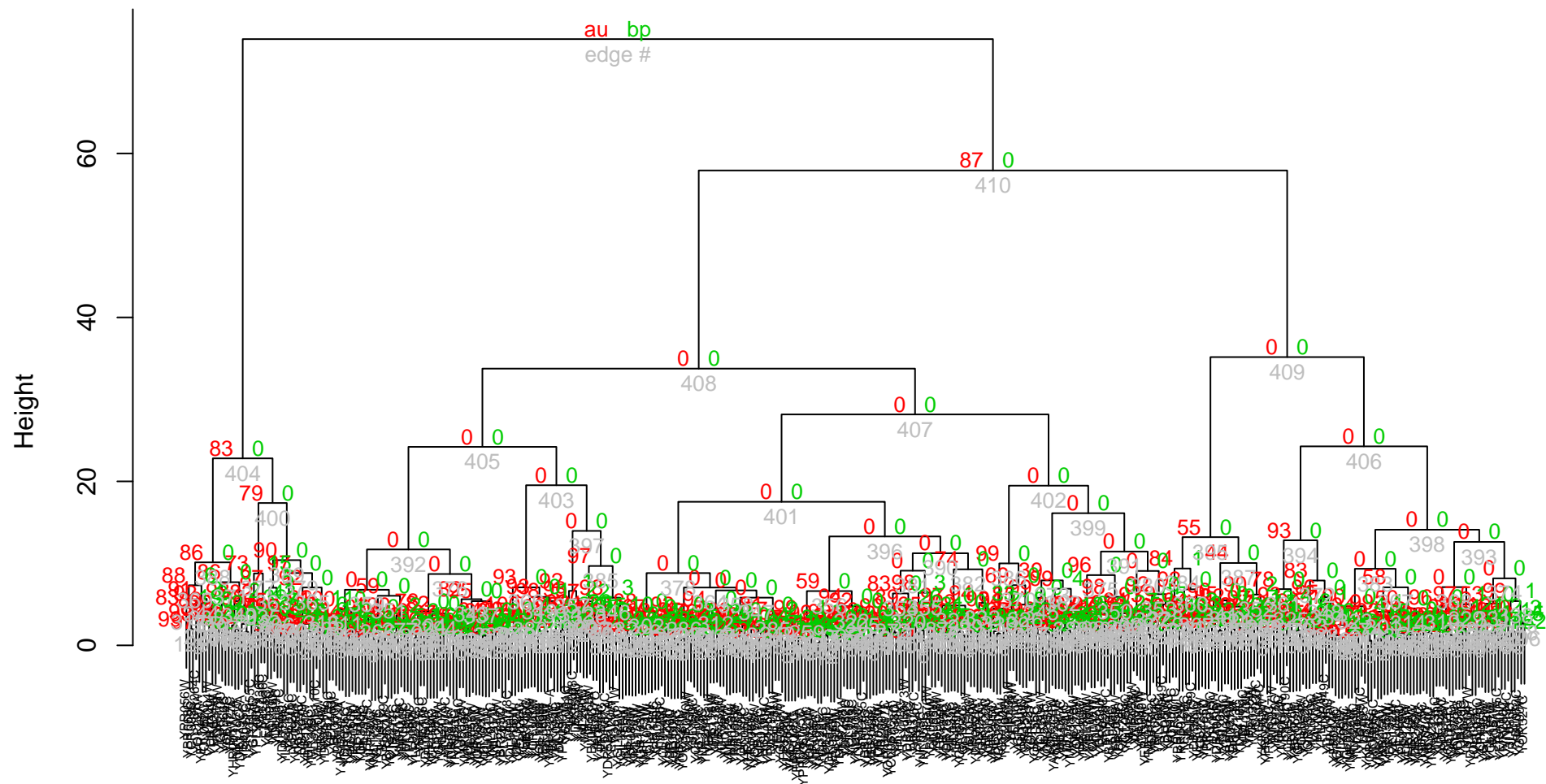
No fitting

$\sqrt{r}$   
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