# HUMAN RACE IMPORTANT THINGS IN LIFE BY ETHNICITY

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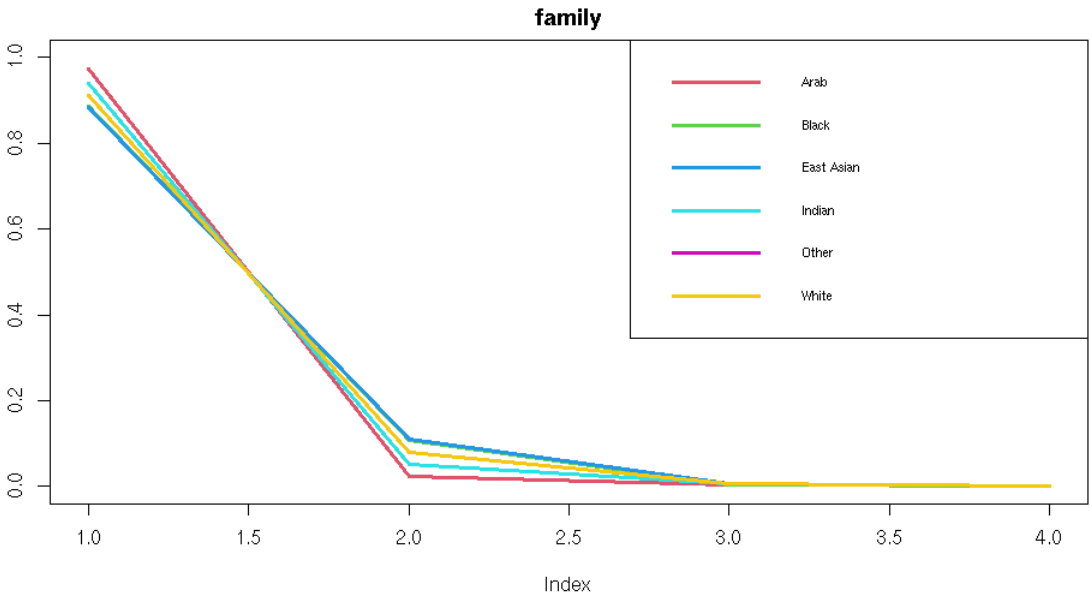
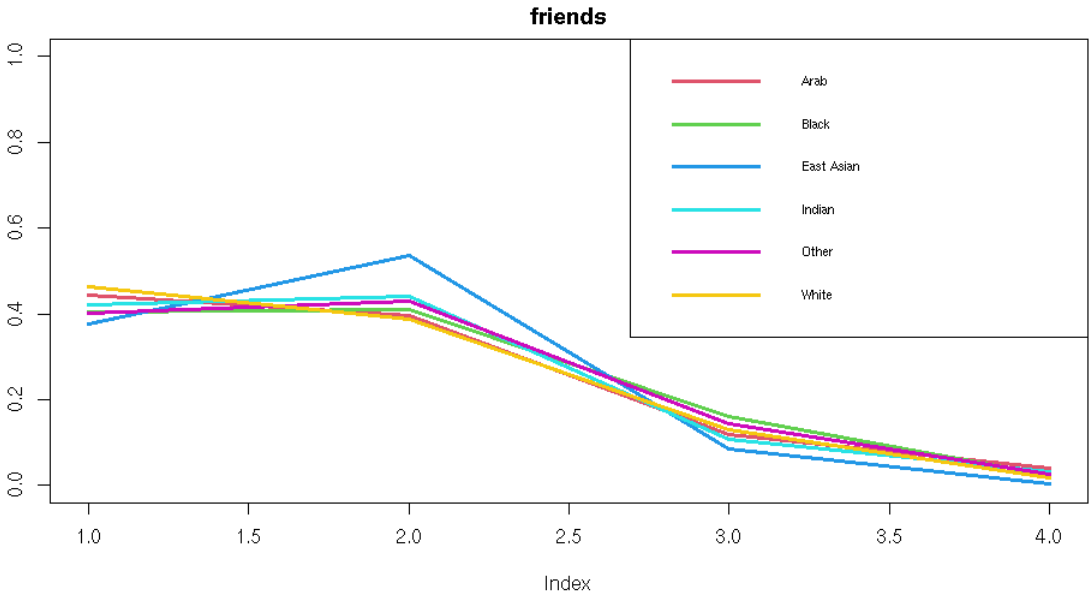
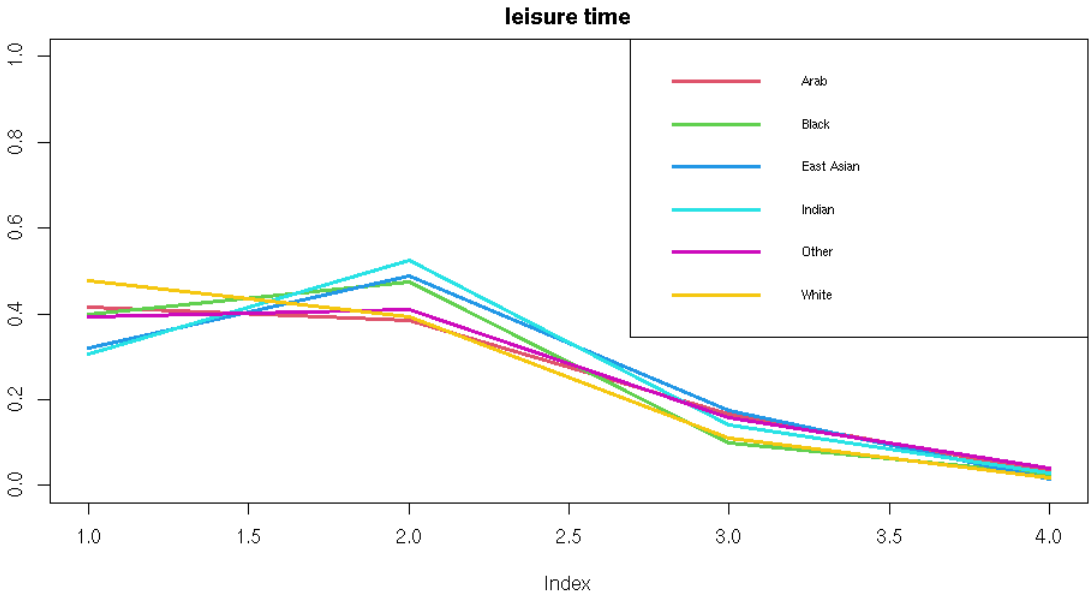
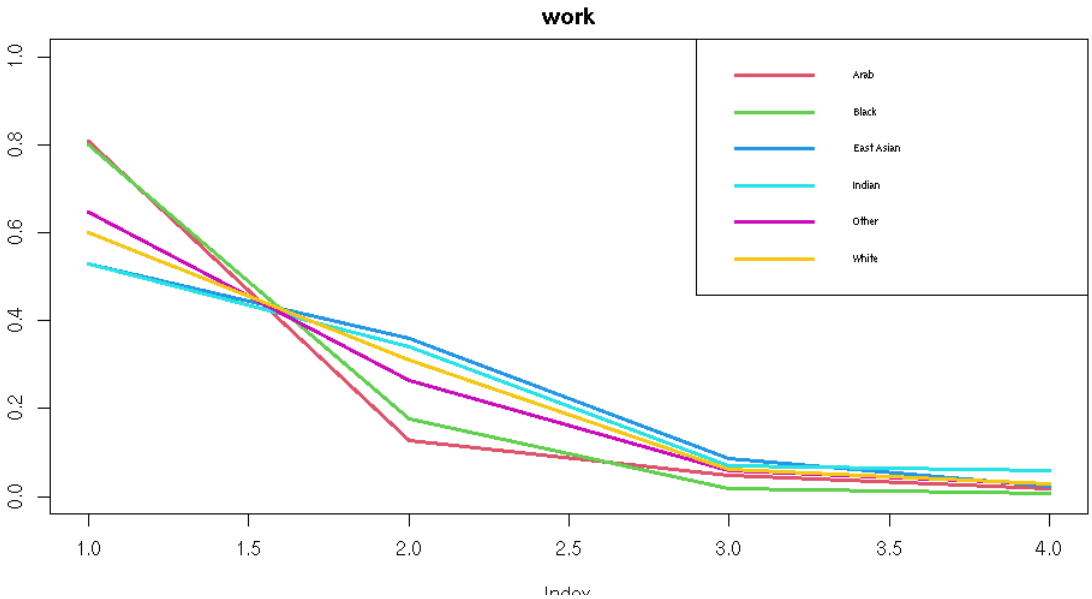
## 1. Invariance of Distributions

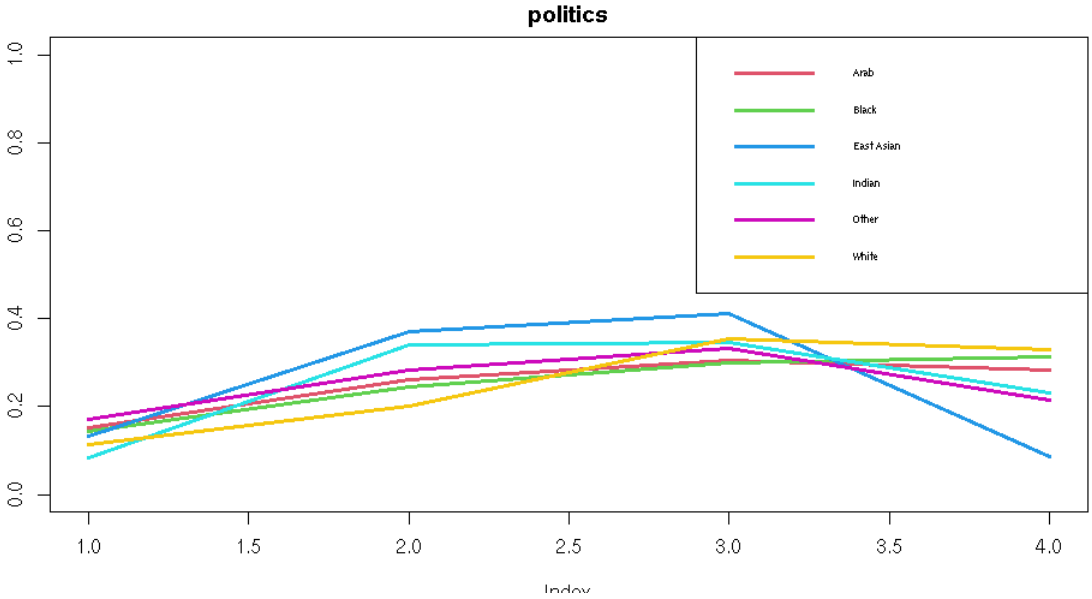


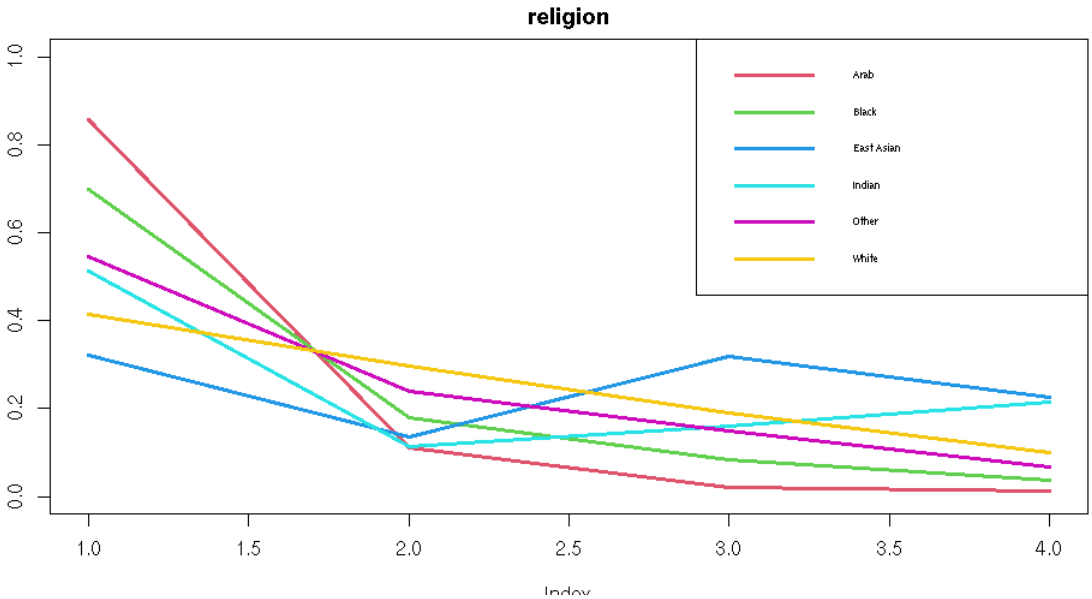

*Date*: May 9, 2021.


friends
Arab
Black
East Asian
Indian
Other
White
0.0
0.2
0.4
0.6
0.8
1.0
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Index


leisure time
Arab
Black
East Asian
Indian
Other
White
0.0
0.2
0.4
0.6
0.8
1.0
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Index


work
Arab
Black
East Asian
Indian
Other
White
0.0
0.2
0.4
0.6
0.8
1.0
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Index


politics
Arab
Black
East Asian
Indian
Other
White
0.0
0.2
0.4
0.6
0.8
1.0
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Index




This gives you a visual feel for the regularity of six facets of life on Earth across ethnicities.

## 2. Ethnicity Effects on Universal Human Preference Curve

2.1. **Family.** Maximum effect 0.63% of variation.

| | eth | explained |
|---|---|---|
| 1 | Arab | 0.63 |
| 2 | Black | 0.27 |
| 3 | East Asian | 0.30 |
| 4 | Indian | 0.12 |
| 5 | Other | 0.01 |
| 6 | White | 0.01 |

2.2. **Friends.** Maximum ethnicity effect 1.08% of variation.

| | eth | explained |
|---|---|---|
| 1 | Arab | 0.65 |
| 2 | Black | 0.56 |
| 3 | East Asian | 3.35 |
| 4 | Indian | 0.11 |
| 5 | Other | 0.20 |
| 6 | White | 1.08 |

2.3. **Leisure Time.** Maximum ethnicity effect 3.2%.

| | eth | explained |
|---|---|---|
| 1 | Arab | 1.51 |
| 2 | Black | 0.73 |
| 3 | East Asian | 1.97 |
| 4 | Indian | 3.17 |
| 5 | Other | 0.50 |
| 6 | White | 3.12 |

2.4. **Politics.** Maximum ethnicity effect 5.11%

| | eth | explained |
|---|---|---|
| 1 | Arab | 1.42 |
| 2 | Black | 3.15 |
| 3 | East Asian | 11.16 |
| 4 | Indian | 2.04 |
| 5 | Other | 0.85 |
| 6 | White | 5.11 |

2.5. **Work.** Maximum ethnicity effect 6.5% of variation.

| | eth | explained |
|---|---|---|
| 1 | Arab | 6.36 |
| 2 | Black | 4.68 |
| 3 | East Asian | 5.98 |
| 4 | Indian | 5.49 |
| 5 | Other | 0.01 |
| 6 | White | 1.09 |

2.6. **Religion.** This is one feature that has some significant ethnic effects up to 35% of variation.

| | eth | explained |
|---|---|---|
| 1 | Arab | 16.20 |
| 2 | Black | 5.60 |
| 3 | East Asian | 36.03 |
| 4 | Indian | 5.10 |
| 5 | Other | 1.45 |
| 6 | White | 11.77 |

## 3. R Code

```
pref.eth<-function(v){
  A<-rownrm(table(life[,c("eth",v)]))
  print(dim(A))
  eth<-row.names(A)

  mv <- colSums(A)/6.0
  A0 <- matrix( 0, nrow=6, ncol=4)
  for (r in 1:6){ A0[r,]<-mv }
  S <- A - A0
  explained.var<-rep(0,6)
  for (s in 1:6){
    explained.var[s]<-sum(S[s,]^2)/sum(A[s,]^2)
  }
  data.frame(eth=eth,explained=explained.var*100)
}
```

## 4. Conclusions

There is some significant ethnicity effects for Religion,but for all others there is a minor ethnicity effect, which implies the case for Universal Human Nature for the mean distributions independent of ethnicity.