PreId_Comparison

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```
library("xtable")
source("LoadData.R");

source("AnalyzeGroups.R");
```

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## returning -Inf
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## Warning in r$max <- max(cv, na.rm = TRUE): Coercing LHS to a list
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```
# demsTable<-data.frame();
#
# HEFCard_by_PreId <- c(sum(lps[HEFCard,]$PreId),sum(!lps[HEFCard,]$PreId));
# GVTPoor_by_PreId <- c(sum(lps[GVTPoor,]$PreId),sum(!lps[GVTPoor,]$PreId));
# NoInsu_by_PreId  <- c(sum(lps[NoInsu,]$PreId), sum(!lps[NoInsu,]$PreId));
#
#
#
# demsTable <- rbind(HEFCard_by_PreId,GVTPoor_by_PreId,NoInsu_by_PreId);
#
# demsTable<-cbind(demsTable,rowSums(demsTable));
# rownames(demsTable)<-c("HEF Card Holder","Govenment Poor List","No Insurance"
)
# colnames(demsTable)<-c("PreId","Geo","Row Total");
# print(xtable(demsTable),"html")
```

Demographics (HH)

```
print(xtable(demsTable),"html")
```

	HEF	GEO_Poor	NoAssist	All Respondants
Total Individuals	1613.00	2300.00	1924.00	5835.00
Females(HoH)	40.00	14.00	25.00	79.00
Males(HoH)	221.00	255.00	253.00	728.00
%Males(HoH)	0.85	0.95	0.91	0.90
Females	810.00	1127.00	968.00	2904.00
Males	803.00	1173.00	956.00	2931.00
%Males	0.50	0.51	0.50	0.50
%Married	0.35	0.37	0.41	0.37
%Single	0.60	0.59	0.55	0.58
%Divorced	0.02	0.01	0.01	0.01
%Marital_Other	0.00	0.00	0.00	0.00
Average_Age	22.36	21.59	23.87	22.55
Average_FamilySize	6.18	8.52	6.92	7.22
HoH Litteracy	2.15	2.38	2.61	2.38
Spouse Literacy	1.70	1.89	2.05	1.89

P Values for demographics

```
print(xtable(sigTable),"html")
```

	HEF vs Geo	HEF vs NoAssist	Geo vs NoAssist
Avg HH Age	0.03	0.01	0.00
Household Size	0.00	0.01	0.00
HoH Literacy	0.00	0.00	0.00

HC Seeking

```
print(xtable(hcSeek),"html")
```

	HEF	GEO_Poor	NoAssist	All Respondants
Sick last year	91.94	89.61	87.06	89.44
Sick times last year	3.49	3.41	3.19	3.36
Care At- No care	4.11	14.22	1.85	7.38
Care At- Home-made medicine	0.61	2.57	0.42	1.32
Care At- Village modern medical practitioner	0.07	0.24	0.00	0.11
Care At- Village health volunteer	5.33	9.36	3.82	6.44
Care At- Traditional healer	0.88	2.04	1.01	1.38

Care At- Health centre	55.70	45.80	45.61	48.55
Care At- District hospital	22.99	22.22	18.03	21.10
Care At- Provincial hospital/Regional	21.92	2.28	17.85	12.86
Care At	0.00	0.00	0.00	0.00
Care At - National hospital	0.20	0.00	0.36	0.17
Care At - Private pharmacy	18.48	11.79	29.37	19.33
Care At - Private clinic	3.91	2.91	10.21	5.54
Care At - Abroad	0.00	0.29	0.18	0.17
Care At - Illegal medical practitioner	0.07	0.53	0.12	0.27
Care At - Other	0.47	0.10	0.36	0.29
Care At - Do not remember	0.00	0.00	0.00	0.00
Care At - Do not know	0.00	0.00	0.00	0.00
Care At - Other specify	35.40	26.20	33.31	31.06

1 persons are on both the HEF_PreId and the NoAssist List we will cound them as HEF.

p values for health seeking

```
print(xtable(hcSeekSig,digits=4),"html")
```

	HEF vs Geo	HEF vs NoAssist	Geo vs NoAssist
Sick last year	0.0122	0.0000	0.0104
Sick times last year	0.1054	0.0000	0.0010
Care At- No care	0.0000	0.0002	0.0000
Care At- Home-made medicine	0.0000	0.4606	0.0000
Care At- Village modern medical practitioner	0.1701	0.3175	0.0253
Care At- Village health volunteer	0.0000	0.0442	0.0000
Care At- Traditional healer	0.0033	0.6880	0.0099
Care At- Health centre	0.0000	0.0000	0.9072
Care At- District hospital	0.5885	0.0006	0.0014
Care At- Provincial hospital/Regional	0.0000	0.0044	0.0000
Care At			
Care At - National hospital	0.0833	0.4043	0.0143
Care At - Private pharmacy	0.0000	0.0000	0.0000
Care At - Private clinic	0.1099	0.0000	0.0000
Care At - Abroad	0.0143	0.0833	0.4767
Care At - Illegal medical practitioner	0.0075	0.6305	0.0224
Care At - Other	0.0495	0.6212	0.1056
Care At - Do not remember			
Care At - Do not know			
Care At - Other specify	0.0000	0.0805	0.0000

0

which(HEF_PreID & NoAssist)

```
HEF_PreID <-lps$PreId & HEFCard;
Geo_Poor  <-!lps$PreId & GVTPoor;
NoAssist  <-lps$PreId & NoInsu;

lgroups <- list(HEF_PreID,Geo_Poor,NoAssist)
```

Family size

```
wilcox.test(HH_NumPeople~HEF_PreID,data=lps[OnAList])
```

```
##
##  Wilcoxon rank sum test with continuity correction
##
## data:  HH_NumPeople by HEF_PreID
## W = 102870, p-value = 2.092e-05
## alternative hypothesis: true location shift is not equal to 0
```

HEF to all in sample group.

```
wilcox.test(HH_NumPeople~Geo_Poor,data=lps[OnAList])
```

```
##
##  Wilcoxon rank sum test with continuity correction
##
## data:  HH_NumPeople by Geo_Poor
## W = 62385, p-value = 4.859e-13
## alternative hypothesis: true location shift is not equal to 0
```

GeoPoor to all in sample group.

```
wilcox.test(HH_NumPeople~NoAssist,data=lps[OnAList])
```

```
##
##  Wilcoxon rank sum test with continuity correction
##
## data:  HH_NumPeople by NoAssist
## W = 91614, p-value = 0.7916
## alternative hypothesis: true location shift is not equal to 0
```

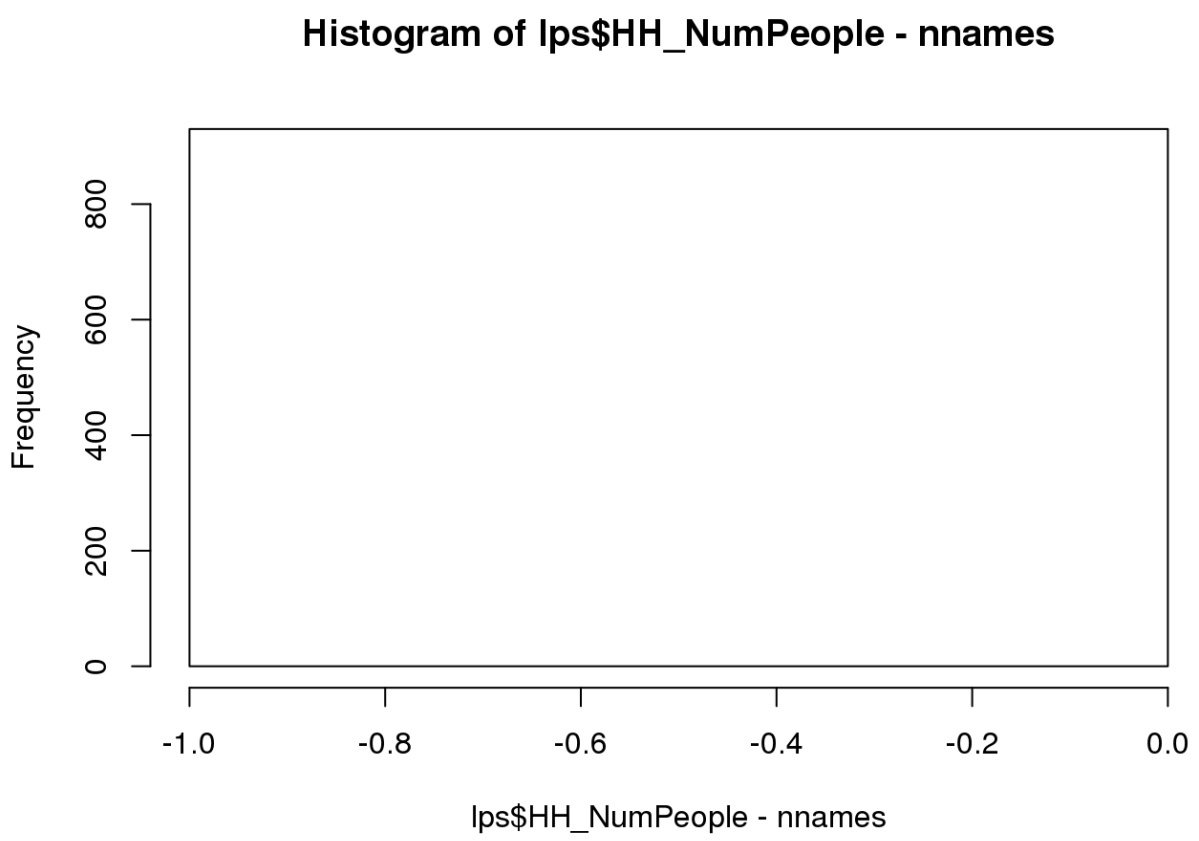
No Assist to all in sample group.

Num Peopls

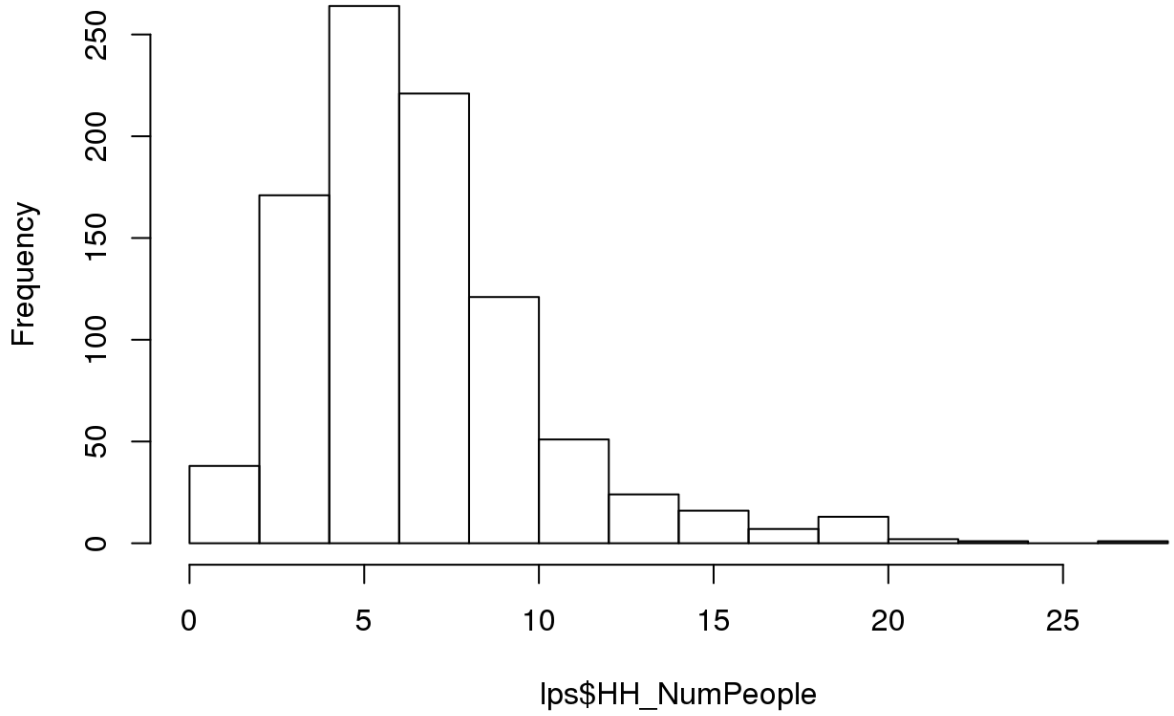
```
n1<-which(names(lps)=="q2_1_2_30")
vname<-!is.na(lps[,n1:(n1+29)])
nnames<-rowSums(vname)
sum (!lps$HH_NumPeople == nnames)
```

```
## [1] 0
```

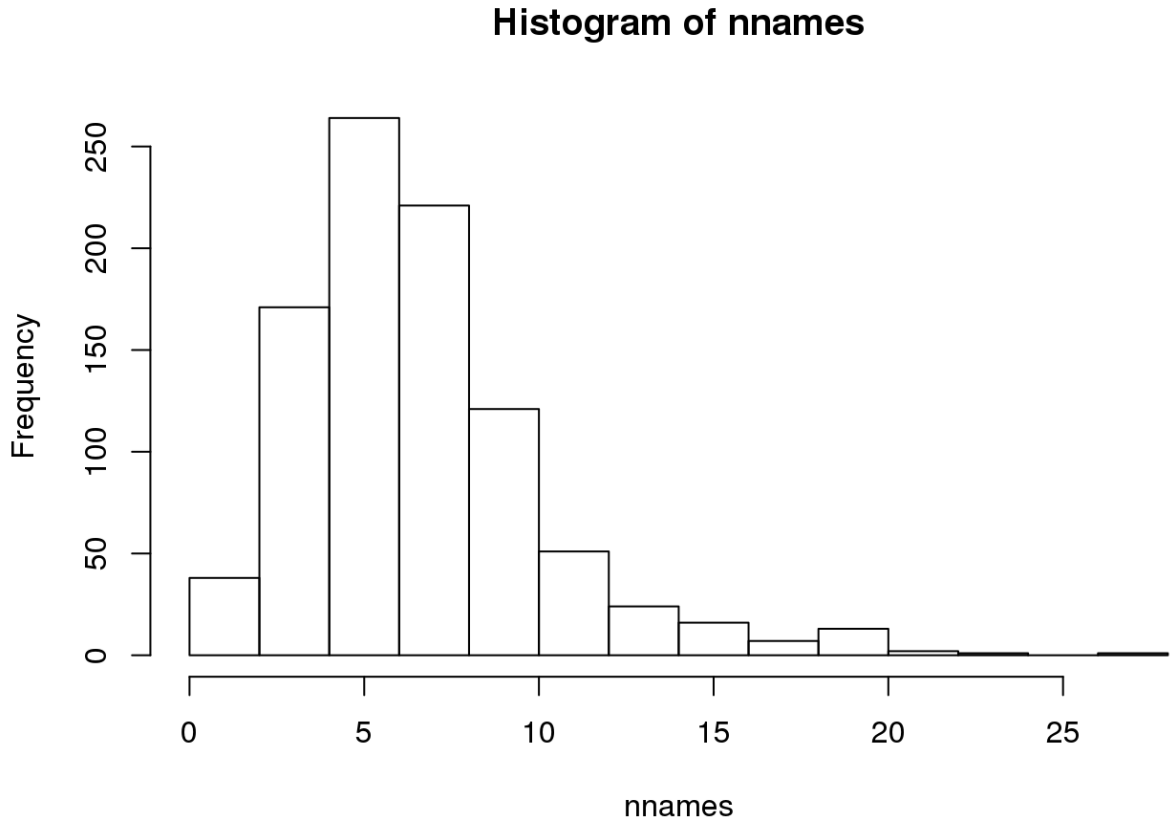
```
hist(lps$HH_NumPeople - nnames)
```




```
hist(lps$HH_NumPeople)
```


Histogram of lps$HH_NumPeople
Frequency
0
50
100
150
200
250
0
5
10
15
20
25
lps$HH_NumPeople

```
hist(nnames)
```



Num names matches num people every times

Check Service Usage

```
si<-which(names(IndiHealth)=="Care At- No care");
ei<-which(names(IndiHealth)=="Care At - Do not know")
NCareSpec <- sum(IndiHealth$Illness[rowSums(!is.na(IndiHealth[si:ei]))==0]==1);
```

There are `131` individuals who where reported as being ill but nocare (not even 'no care') was specified.