Number of missing items within a questionnaire for each subject

Group H

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```
##
## Attaching package: 'dplyr'
## The following objects are masked from 'package:stats':
##
##     filter, lag
## The following objects are masked from 'package:base':
##
##     intersect, setdiff, setequal, union
## re-encoding from CP1252
```

anger variables

```
# There exist a few moderately missing subjects, and many lightly missing subjects
numMisItems(var.anger, "bl", data, sample = sample.include)
```

```
## $no.items
## [1] 26
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4]
## Number of missing items "0"  "1"  "26" "Total"
## Number of of subjects   "55" "19" "1"  "75"
```

```
numMisItems(var.anger, "fu", data, sample = sample.include)
```

```
## $no.items
## [1] 26
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5]
## Number of missing items "0"  "1"  "3"  "26" "Total"
## Number of of subjects   "48" "13" "3"  "11" "75"
```

```
numMisItems(var.anger, "3mo", data, sample = sample.include)
```

```
## $no.items
## [1] 26
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5] [,6] [,7]
## Number of missing items "0"  "1"  "3"  "4"  "7"  "26" "Total"
## Number of of subjects   "47" "9"  "2"  "1"  "1"  "15" "75"
```

```
numMisItems(var.anger, "6mo", data, sample = sample.include)
```

```
## $no.items
## [1] 26
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5] [,6]
## Number of missing items "0"  "1"  "2"  "9"  "26" "Total"
## Number of of subjects   "28" "24" "1"  "1"  "21" "75"
```

work productivity variables

```
# Skip structure, but given a small size of questionnaire, might need multiple imputation.
numMisItems(var.work, "bl", data, sample = sample.include)
```

```
## $no.items
## [1] 7
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4]
## Number of missing items "0"  "1"  "4"  "Total"
## Number of of subjects   "58" "16" "1"  "75"
```

```
numMisItems(var.work, "fu", data, sample = sample.include)
```

```
## $no.items
## [1] 7
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5]
## Number of missing items "0"  "1"  "2"  "4"  "Total"
## Number of of subjects   "47" "16" "1"  "11" "75"
```

```
numMisItems(var.work, "3mo", data, sample = sample.include)
```

```
## $no.items
## [1] 7
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5]
## Number of missing items "0"  "1"  "2"  "4"  "Total"
## Number of of subjects   "43" "16" "2"  "14" "75"
```

```
numMisItems(var.work, "6mo", data, sample = sample.include)
```

```
## $no.items
## [1] 7
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5]
## Number of missing items "0"  "1"  "2"  "4"  "Total"
## Number of of subjects   "37" "14" "3"  "21" "75"
```

comorbidity variables

```
# There exist a few lightly missing subjects
numMisItems(var.comorbid, "bl", data, sample = sample.include)
```

```
## $no.items
## [1] 27
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5]
## Number of missing items "0"  "1"  "2"  "27" "Total"
## Number of of subjects   "69" "2"  "3"  "1"  "75"
```

```
numMisItems(var.comorbid, "fu", data, sample = sample.include)
```

```
## $no.items
## [1] 27
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5]
## Number of missing items "0"  "1"  "2"  "27" "Total"
## Number of of subjects   "59" "4"  "1"  "11" "75"
```

```
numMisItems(var.comorbid, "3mo", data, sample = sample.include)
```

```
## $no.items
## [1] 27
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5]
## Number of missing items "0"  "1"  "2"  "27" "Total"
## Number of of subjects   "53" "6"  "2"  "14" "75"
```

```
numMisItems(var.comorbid, "6mo", data, sample = sample.include)
```

```
## $no.items
## [1] 27
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5]
## Number of missing items "0"  "1"  "2"  "27" "Total"
## Number of of subjects   "50" "3"  "1"  "21" "75"
```

FILE variables

```
# There exist many moderately missing subjects
numMisItems(var.FILE, "common", data, sample = sample.include)
```

```
## $no.items
## [1] 71
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5] [,6] [,7] [,8] [,9] [,10]
## Number of missing items "0"  "1"  "2"  "3"  "6"  "7"  "10" "24" "26" "32"
## Number of of subjects   "36" "20" "2"  "3"  "2"  "1"  "1"  "1"  "1"  "1"
```

```
##                          [,11] [,12] [,13] [,14] [,15] [,16]
## Number of missing items "59"  "63"  "65"  "67"  "71"  "Total"
## Number of of subjects   "1"   "1"   "1"   "2"   "2"   "75"
```

```
numMisItems(var.FILE, "common-hist", data, sample = sample.include)
```

```
## $no.items
## [1] 71
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5] [,6] [,7] [,8] [,9] [,10]
## Number of missing items "0"  "1"  "2"  "3"  "4"  "5"  "7"  "13" "22" "26"
## Number of of subjects   "46" "14" "4"  "2"  "2"  "1"  "1"  "1"  "1"  "1"
##                          [,11] [,12] [,13]
## Number of missing items "32"  "71"  "Total"
## Number of of subjects   "1"   "1"   "75"
```

coping strategy variables

```
# There exist a few moderately missing subjects
numMisItems(var.coping, "bl", data, sample = sample.include)
```

```
## $no.items
## [1] 48
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5]
## Number of missing items "0"  "1"  "22" "48" "Total"
## Number of of subjects   "68" "3"  "3"  "1"  "75"
```

```
numMisItems(var.coping, "fu", data, sample = sample.include)
```

```
## $no.items
## [1] 48
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5] [,6]
## Number of missing items "0"  "1"  "4"  "13" "48" "Total"
## Number of of subjects   "61" "1"  "1"  "1"  "11" "75"
```

```
numMisItems(var.coping, "3mo", data, sample = sample.include)
```

```
## $no.items
## [1] 48
##
## $no.item.missing
##                          [,1] [,2] [,3] [,4] [,5]
## Number of missing items "0"  "1"  "2"  "48" "Total"
## Number of of subjects   "55" "3"  "3"  "14" "75"
```

```
numMisItems(var.coping, "6mo", data, sample = sample.include)
```

```
## $no.items
## [1] 48
##
## $no.item.missing
```

```
##                          [,1] [,2] [,3] [,4]
## Number of missing items "0"  "1"  "48" "Total"
## Number of of subjects   "53" "1"  "21" "75"
```