

# Untitled

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```
require(xtable)
```

```
## Loading required package: xtable
```

```
age <- sample(c('30-50', '50-70', '70+'), 200, replace=T)
```

```
sex <- sample(c('Male', 'Female'), 200, replace=T)
```

```
val <- table(age, sex)
```

```
print(val, add.to.row=addtorow, include.colnames=F)
```

```
sex
```

```
age Female Male 30-50 35 33 50-70 35 32 70+ 38 27
```

```
val <- rbind(val, formatC(prop.table(val)*100, format='f', digits=1))
```

```
## Warning in formatC(prop.table(val) * 100, format = "f", digits = 1): class
```

```
## of 'x' was discarded
```

```
val <- structure(val, dim=c(3, 4))
```

```
val <- rbind(c('n', '%'), val)
```

```
rownames(val) <- c('', sort(unique(age)))
```

```
val <- xtable(val)
```

```
addtorow <- list()
```

```
addtorow$pos <- list(0)
```

```
addtorow$command <- paste0(paste0('& \\multicolumn{2}{c}{', sort(unique(sex))), '}', collapse=''), '\\\\
```

```
print(val, add.to.row=addtorow, include.colnames=F)
```

```
% latex table generated in R 3.3.1 by xtable 1.8-2 package % Thu Jul 14 16:10:03 2016
```

	Female		Male	
	n	%	n	%
30-50	35	17.5	33	16.5
50-70	35	17.5	32	16.0
70+	38	19.0	27	13.5