

STATS 205: Homework Assignment 4

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Solution to Problem 1

```
allergics = c(1651.0, 1112.0, 102.4, 100.0, 67.6, 65.9, 64.7, 39.6, 31.0)
nonallergics = c(48.1, 48.0, 45.5, 41.7, 35.4, 34.3, 32.4, 29.1, 27.3, 18.9, 6.6, 5.2, 4.7)
histamine_data = matrix(allergics, nonallergics); histamine_data
```

```
## Warning in matrix(allergics, nonallergics): data length [9] is not a sub-
## multiple or multiple of the number of rows [48]
```

```
##      [,1]
## [1,] 1651.0
## [2,] 1112.0
## [3,]  102.4
## [4,]  100.0
## [5,]   67.6
## [6,]   65.9
## [7,]   64.7
## [8,]   39.6
## [9,]   31.0
## [10,] 1651.0
## [11,] 1112.0
## [12,]  102.4
## [13,]  100.0
## [14,]   67.6
## [15,]   65.9
## [16,]   64.7
## [17,]   39.6
## [18,]   31.0
## [19,] 1651.0
## [20,] 1112.0
## [21,]  102.4
## [22,]  100.0
## [23,]   67.6
## [24,]   65.9
## [25,]   64.7
## [26,]   39.6
## [27,]   31.0
## [28,] 1651.0
## [29,] 1112.0
## [30,]  102.4
## [31,]  100.0
## [32,]   67.6
## [33,]   65.9
## [34,]   64.7
## [35,]   39.6
## [36,]   31.0
## [37,] 1651.0
```

```
## [38,] 1112.0
## [39,]  102.4
## [40,]  100.0
## [41,]   67.6
## [42,]   65.9
## [43,]   64.7
## [44,]   39.6
## [45,]   31.0
## [46,] 1651.0
## [47,] 1112.0
## [48,]  102.4
```