

1. Problem Statement

```
library(RcmdrPlugin.IPSUR)
```

```
data(RcmdrTestDrive)
```

Perform the below operations: -

a. Compute the measures of central tendency for salary and reduction which variable has highest center?

Answer :

```
> library(Rcmdr)
```

```
> library(RcmdrPlugin.IPSUR)
```

```
> data(RcmdrTestDrive)
```

```
> RcmdrTestDrive
```

```
>
```

```
> library(psych)
```

```
> describe(RcmdrTestDrive$salary)
```

```
> describe(RcmdrTestDrive$reduction)
```

b. Which measure of center is more appropriate for before and after?

Answer :

The R-script for the given problem is as follows:

```
> describe(RcmdrTestDrive$before)
```

```
> describe(RcmdrTestDrive$after)
```

Both the variables 'before' & 'after' are negatively skewed, median is more appropriate measure of center.