```
R version 3.4.2 (2017-09-28) -- "Short Summer"
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Platform: x86_64-apple-darwin15.6.0 (64-bit)

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  Natural language support but running in an English locale

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[R.app GUI 1.70 (7434) x86_64-apple-darwin15.6.0]

[Workspace restored from /Users/paulpartyka/.RData]
[History restored from /Users/paulpartyka/.Rapp.history]

> flow =c(1.2519e-7,1.79096e-7,1.05944e-7,1.71509e-7);
> static=(8.08847e-8,1.02585e-7,1.04185e-7,3.75464e-8,5.58495e-8);
Error: unexpected ',' in "static=(8.08847e-8,"
> static=(8.08847e-8,1.02585e-7,1.04185e-7,3.75464e-8,5.58495e-8);
Error: unexpected ',' in "static=(8.08847e-8,"
> static=c(8.08847e-8,1.02585e-7,1.04185e-7,3.75464e-8,5.58495e-8);
> flow =c(1.2519e-7,1.79096e-7,1.05944e-7,1.71509e-7,1.0645e-7);
> flow
[1] 1.25190e-07 1.79096e-07 1.05944e-07 1.71509e-07 1.06450e-07
> flow_thrombin=c(3.40093e-7,4.79782e-7,5.4644e-7,6.20823e-7,1.27181e-6);
> static_thrombin=c(8.31635e-7,4.66625e-7,5.34519e-7,6.21717e-72.79959e-7);
Error: unexpected numeric constant in
"static_thrombin=c(8.31635e-7,4.66625e-7,5.34519e-7,6.21717e-72.79959e-7"
> static_thrombin=c(8.31635e-7,4.66625e-7,5.34519e-7,6.21717e-7,2.79959e-7);
> flow
[1] 1.25190e-07 1.79096e-07 1.05944e-07 1.71509e-07 1.06450e-07
> static
[1] 8.08847e-08 1.02585e-07 1.04185e-07 3.75464e-08 5.58495e-08
> flow_thrombin
[1] 3.40093e-07 4.79782e-07 5.46440e-07 6.20823e-07 1.27181e-06
> static_thrombin
[1] 8.31635e-07 4.66625e-07 5.34519e-07 6.21717e-07 2.79959e-07
> t.test(flow,flow_thrombin)

    Welch Two Sample t-test
```

```
data:  flow and flow_thrombin
t = -3.1637, df = 4.0764, p-value = 0.03318
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
 -9.620494e-07 -6.625415e-08
sample estimates:
   mean of x    mean of y
1.376378e-07 6.517896e-07

> t.test(static,static_thrombin)

    Welch Two Sample t-test

data:  static and static_thrombin
t = -5.1365, df = 4.1657, p-value = 0.006097
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
 -7.211556e-07 -2.202062e-07
sample estimates:
   mean of x    mean of y
7.621012e-08 5.468910e-07

> t.test(static,flow)

    Welch Two Sample t-test

data:  static and flow
t = -2.996, df = 7.7242, p-value = 0.01788
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
 -1.090038e-07 -1.385161e-08
sample estimates:
   mean of x    mean of y
7.621012e-08 1.376378e-07

> t.test(static_thrombin,flow_thrombin)

    Welch Two Sample t-test

data:  static_thrombin and flow_thrombin
t = -0.56568, df = 6.2892, p-value = 0.5912
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
 -5.536403e-07  3.438431e-07
sample estimates:
   mean of x    mean of y
5.468910e-07 6.517896e-07
```

```
> flow
[1] 1.25190e-07 1.79096e-07 1.05944e-07 1.71509e-07 1.06450e-07
> static
[1] 8.08847e-08 1.02585e-07 1.04185e-07 3.75464e-08 5.58495e-08
> static_=c(.808847e-7,1.02585e-7,1.04185e-7,0.375464e-7,0.558495e-7);
> static_
[1] 8.08847e-08 1.02585e-07 1.04185e-07 3.75464e-08 5.58495e-08
> t.test(static,flow)

    Welch Two Sample t-test

data:  static and flow
t = -2.996, df = 7.7242, p-value = 0.01788
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
 -1.090038e-07 -1.385161e-08
sample estimates:
   mean of x    mean of y
7.621012e-08 1.376378e-07

> new_static=c(8.08847e-8,1.02585e-7,1.04185e-7,6.33075e-8,1.68986e-7);
> t.test(new_static_static_thrombin)
Error in t.test(new_static_static_thrombin) :
  object 'new_static_static_thrombin' not found
> t.test(new_static,static_thrombin)

    Welch Two Sample t-test

data:  new_static and static_thrombin
t = -4.7907, df = 4.3115, p-value = 0.007213
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
 -6.924347e-07 -1.933680e-07
sample estimates:
   mean of x    mean of y
1.039896e-07 5.468910e-07

>
```