

Multiple Graphs on One Page Using GREPLAY with 100%-Templates

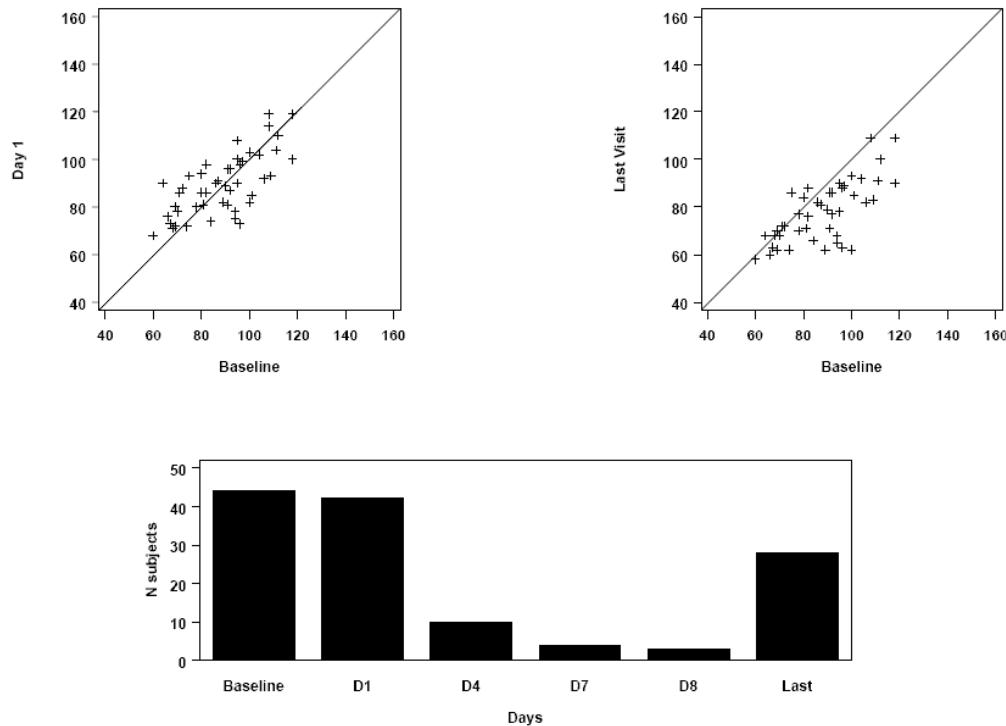
Dirk Spruck

Accovion, Germany

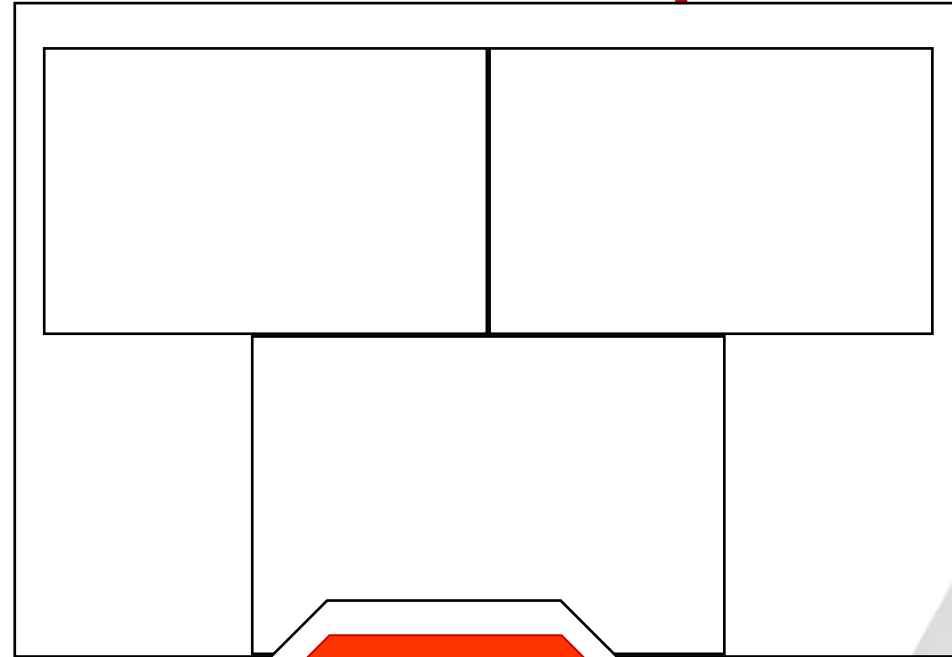
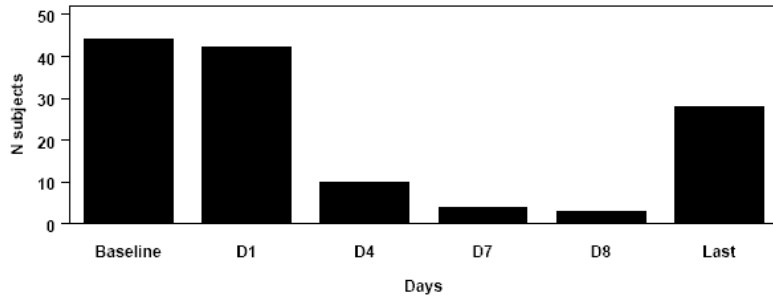
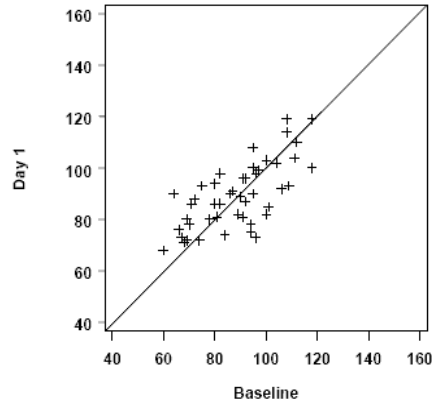
PhUSE SDE, Basel, March 18, 2009

Multiple Graphs on One Page

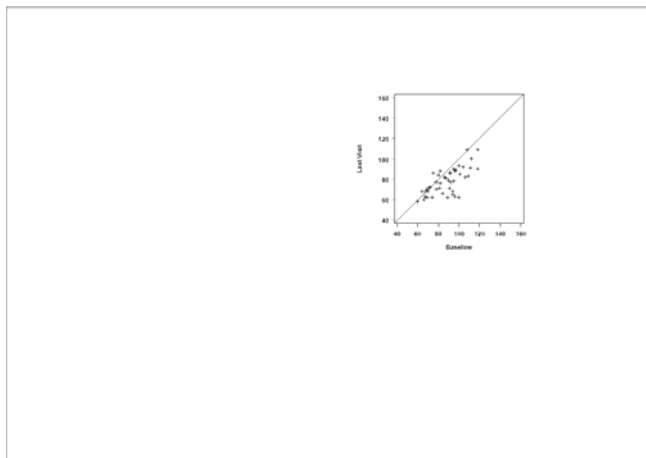
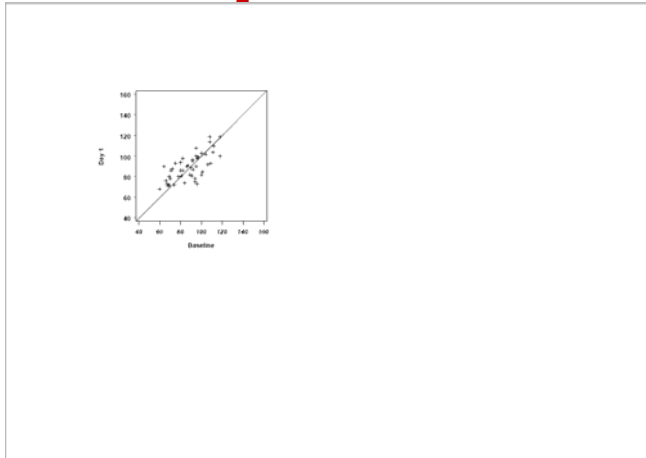
Sample Graphs



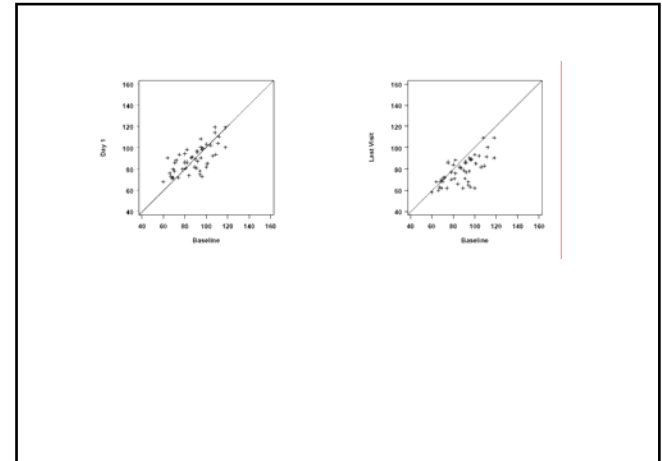
Traditional GREPLAY Output



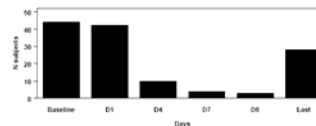
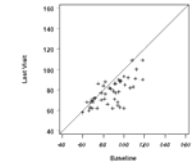
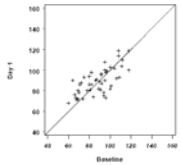
Graph Overlay



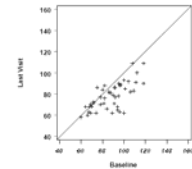
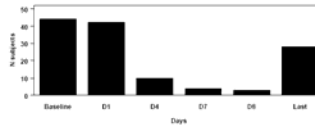
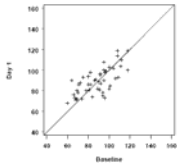
Overlay



100%-Template Approach



Create Individual Graphs



```
axis1 origin= (5, 10)cm length= 6cm ...;
axis2 origin= (5, 10)cm length= 6cm ...;
proc gplot data= advs gout= work.example;
    plot vsstresn* vsblresn/ nolegend
        haxis= axis1 vaxis= axis2
        name= "plot1";
run; quit;
```

Create Title Slide

Sample Graphs

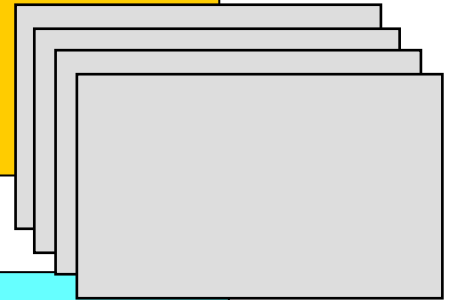
```
title1 height= 1cm "Sample Graphs";  
proc gslide gout= work.exsample  
    name= "t_slide";  
run; quit;
```

Define 100%-Templates

```
proc greplay nofs tc= work.tempcat;  
  tdef newtemp  
    %do pos= 1 %to 4;  
      &pos./lly=0 uly=100  
      llx=0 lrx=100  
      lry=0 ury=100  
      ulx=0 urx=100  
    %end;;  
run; quit;
```

List Template

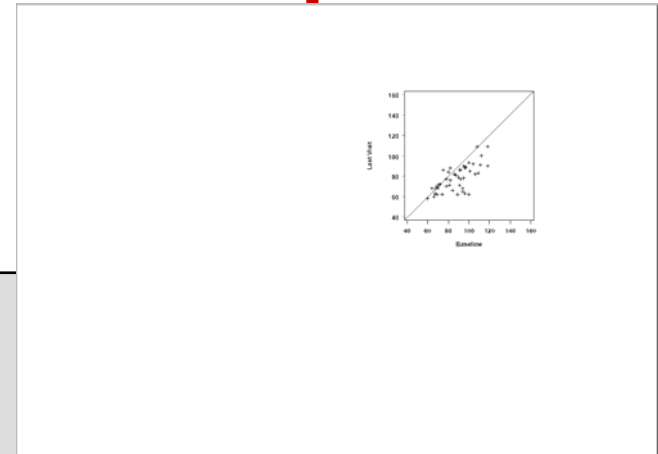
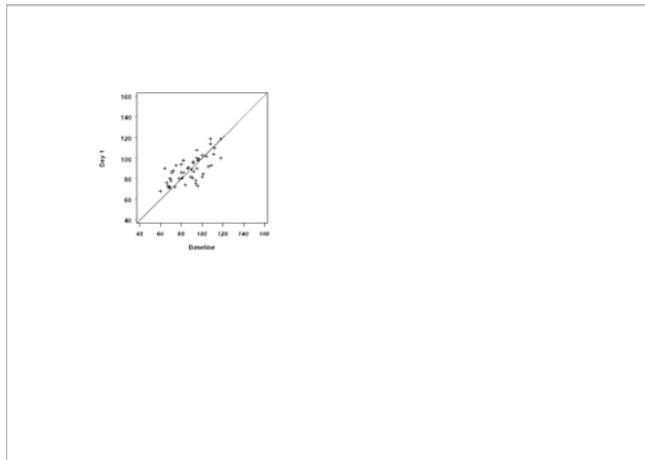
```
proc greplay nofs tc= tempcat;  
  template newtemp;  
  list template;  
run; quit;
```



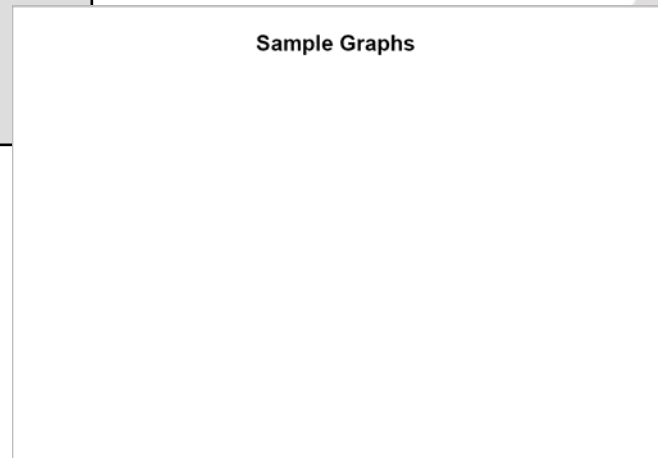
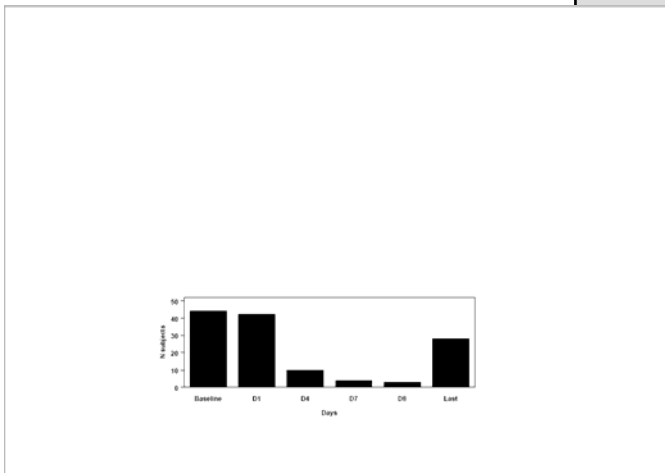
NEWTEMP Graphics template

Pan	Ll-x	Ll-y	Ul-x	Ul-y	Ur-x	Ur-y	Lr-x	Lr-y
1	0.0	0.0	0.0	100.0	100.0	100.0	100.0	0.0
2	0.0	0.0	0.0	100.0	100.0	100.0	100.0	0.0
3	0.0	0.0	0.0	100.0	100.0	100.0	100.0	0.0
4	0.0	0.0	0.0	100.0	100.0	100.0	100.0	0.0

Combine Graphs & Templates

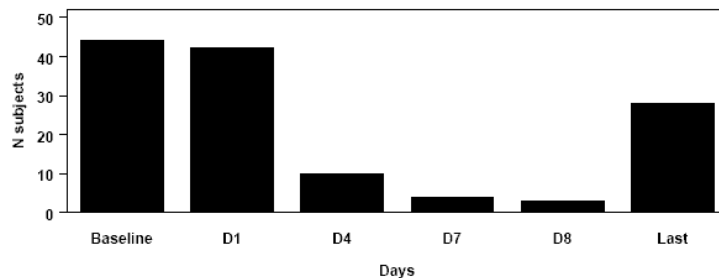
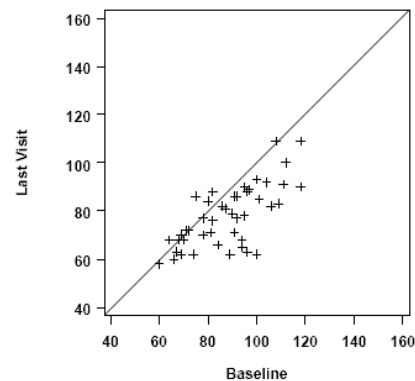
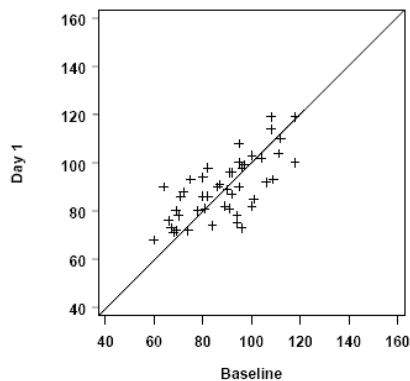


Templates



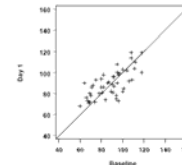
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Sample Graphs



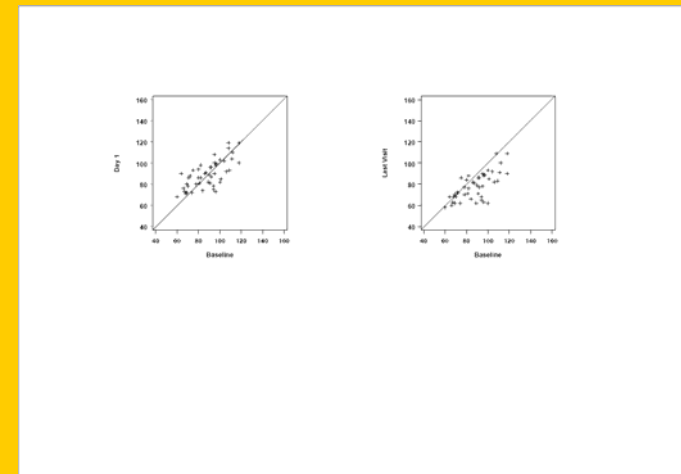
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```
proc greplay nofs tc= work.tempcat  
  template= newtemp gout= out.graphs;  
  igout = work.example;  
  treplay  
    1: plot1 →  
    2: plot2  
    3: plot3  
    4: t_slide;  
run; quit;
```



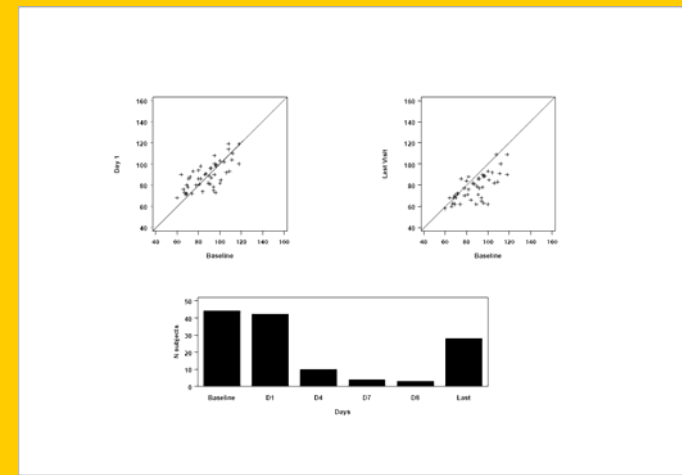
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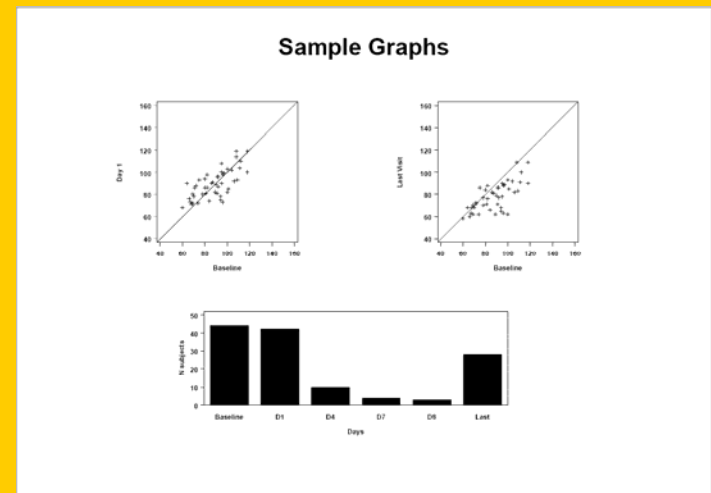
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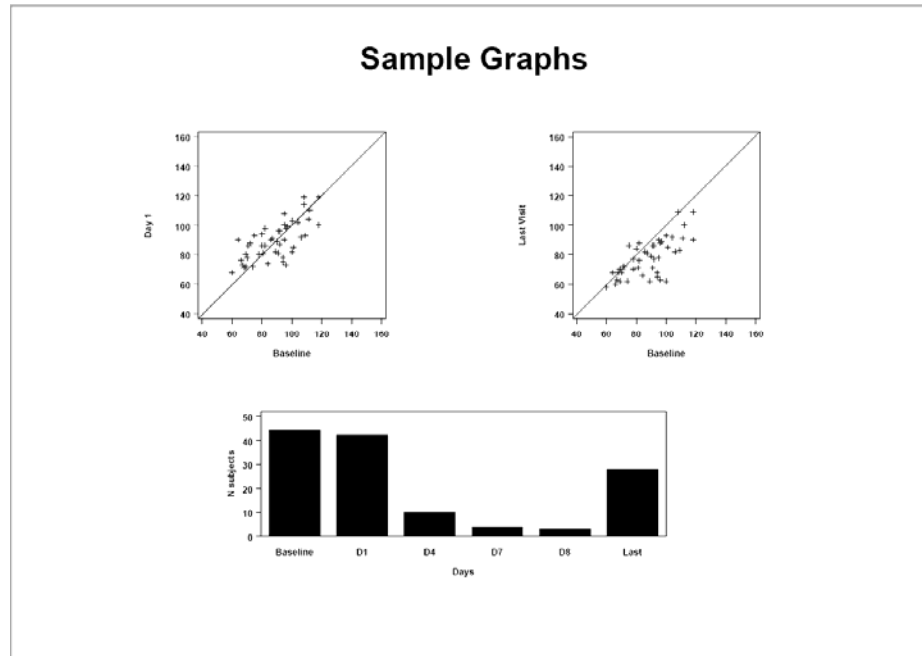


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Questions?



Dirk.Spruck@accovion.com