

```
/* Generated Code (IMPORT) */  
/* Source File: AIDS_Clinical_Trials_Study_175.xlsx */  
/* Source Path: /home/u63578283/AIDS_DATA */  
/* Code generated on: 3/18/25, 6:04 PM */
```

```
%web_drop_table(WORK.IMPORT);
```

```
FILENAME REFFILE '/home/u63578283/AIDS_DATA/AIDS_Clinical_Trials_Study_175.xlsx';
```

```
PROC IMPORT DATAFILE=REFFILE
```

```
    DBMS=XLSX
```

```
    OUT=WORK.IMPORT;
```

```
    GETNAMES=YES;
```

```
RUN;
```

```
PROC CONTENTS DATA=WORK.IMPORT; RUN;
```

```
%web_open_table(WORK.IMPORT);
```

```
DATA WORK.AIDS_DATA;
```

```
    SET WORK.IMPORT;
```

```
RUN;
```

```
PROC CONTENTS DATA=WORK.AIDS_DATA;
```

```
RUN;
```

```
PROC MEANS DATA=WORK.AIDS_DATA NMISS N;
```

```
RUN;
```

```
PROC MEANS DATA=WORK.AIDS_DATA MEAN STD MIN MAX;
```

```
RUN;
```

```
PROC SGPLOT DATA=WORK.AIDS_DATA;
```

```
    HISTOGRAM time;
```

```
    TITLE "Distribution of Survival Time";
```

```
RUN;
```

```
PROC SGPLOT DATA=WORK.AIDS_DATA;
```

```
    VBOX cd40 / CATEGORY=trt;
```

```
    TITLE "CD40 Counts Across Treatment Groups";
```

```
RUN;
```

```
proc sgplot data=work.aids_data;
```

```
vbox cd420/category=trt;
```

```
title"CD420 Counts Across Treatment Groups";
```

```
run;
```

```
proc sgplot data=work.aids_data;
```

```
vbox cd80/category=trt;
```

```
title "CD80 Counts Across Treatment Groups";
```

```
run;
```

```
PROC SGPLOT DATA=WORK.AIDS_DATA;  
  VBOX cd820 / CATEGORY=trt;  
  TITLE "CD820 Counts Across Treatment Groups";  
RUN;  
  
proc sgplot data=work.aids_data;  
vbar trt;  
title " Distribution of Patients in each treatment group";  
run;  
  
ods graphics on;  
proc lifetest data=work.aids_data plots=survival(cl test);  
  time time*cid(0);  
  strata trt / test=logrank;  
  title "Kaplan-Meier Survival Curves by Treatment Group with Log-Rank Test";  
run;  
ods graphics off;  
  
ods graphics on;  
proc lifetest data=work.aids_data plots=survival(stratum=overlay cb=hw test);  
  strata gender / test=logrank; /* Log-rank test for gender */  
  time time*cid(0);  
run;  
ods graphics off;  
  
ods graphics on;  
proc lifetest data=work.aids_data plots=survival(cl test);  
  time time*cid(0);  
  strata offtrt/test=logrank;  
  title "Kaplan-Meier Survival Curves by Early Treatment Discontinuation Status";  
run;  
ods graphics off;  
  
ods graphics on;  
proc lifetest data=work.aids_data plots=survival(cl test);  
  time time*cid(0);  
  strata race / test=logrank;  
  title "Kaplan-Meier Survival Curves by Race with Log-Rank Test";  
run;  
ods graphics off;  
  
ods graphics on;  
proc lifetest data=work.aids_data plots=survival(cl test);  
  time time*cid(0);  
  strata z30/test=logrank;  
  title "Kaplan-Meier Survival Curves by ZDV Use in Last 30 Days with Log-Rank Test";  
run;  
ods graphics off;
```

