



SAS Macros and other Time Saving Essentials

Utah Users of SAS Software

Lunch & Learn June 2006

Macro

- **Code that wrights code**

– %, &

- **Simple Example -Text Replacement**

```
%Let myvars=age height weight;
```

```
Title "Results for: &myvars";
```

```
Proc means;
```

```
var &myvars;
```

```
run;
```

```
/*Define Dummy*/  
%Macro dummy(var,pre,n);  
%do i=1 %to &n;  
    &pre&i=0;  
    if &var=&i then &pre&i=1;  
%end;  
%mend dummy;  
  
/*Use Dummy*/  
%dummy (x2,x2_,4)
```

- ▭ Library that contains files that define SAS macros

- ▭ SAS Configuration File
 - ▭ **C:\Program Files\SAS\SAS 9.1\nls\en\SASV9.CFG**

- ▭ Each macro file in the directory must contain a macro definition that has a macro name that is the same as the filename.

Shortcut Keys

- **Tools-Options-Keys (F9)**
- **Ctrl E** output; clear; log; clear; wpgm
- **Ctrl R** submit

Variable Lists

- **V1-V6**
- **age--weight**
 - -numeric-, -character-
- **Sum(of z:)**

Questions and answers



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