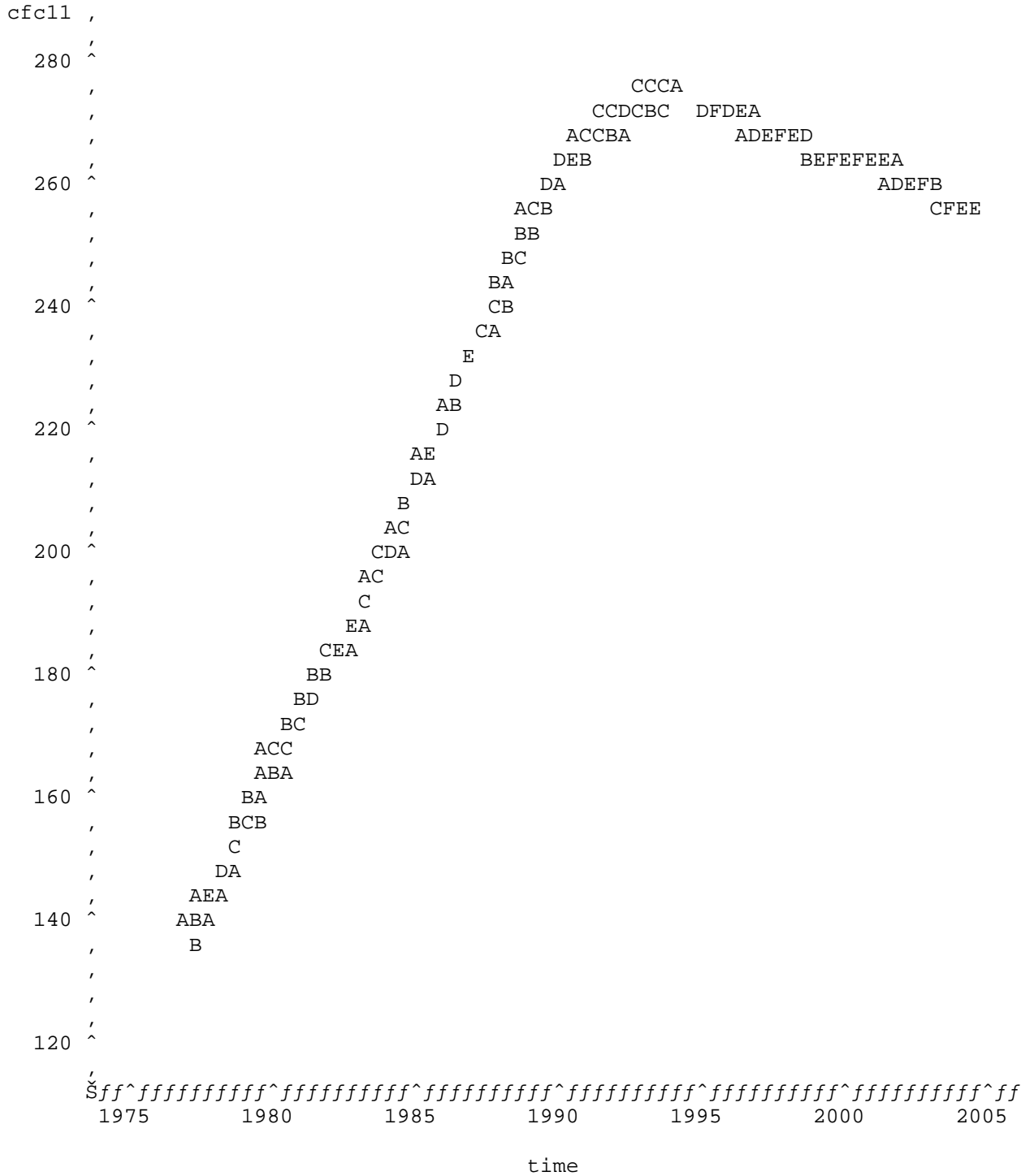


Plot of cfc11\*time. Legend: A = 1 obs, B = 2 obs, etc.



NOTE: 7 obs had missing values.

The REG Procedure  
 Model: MODEL1  
 Dependent Variable: cfc11

Number of Observations Read 156  
 Number of Observations Used 153  
 Number of Observations with Missing Values 3

*203119 / 5.78809*

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	203119	203119	35092.6	<.0001
Error	151	874.00095	5.78809		
Corrected Total	152	203993			

*y*

Root MSE 2.40584 ✓  
 Dependent Mean 197.94771 ✓  
 Coeff Var 1.21539 ✓

R-Square 0.9957  
 Adj R-Sq 0.9957

*0.9957 = 203119 / 203993*

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	1	-19064	102.82492	-185.40	<.0001
time	1	9.71152	0.05184	187.33	<.0001

After Montreal Protocol (after December 1994) 36  
 13:43 Wednesday, September 9, 2009

*can ignore*

The REG Procedure  
 Model: MODEL1  
 Dependent Variable: cfc11

Number of Observations Read 120  
 Number of Observations Used 116  
 Number of Observations with Missing Values 4

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	3061.55314	3061.55314	5455.70	<.0001
Error	114	63.97289	0.56117		
Corrected Total	115	3125.52602			

Root MSE 0.74911  
 Dependent Mean 264.14741  
 Coeff Var 0.28360

R-Square 0.9795  
 Adj R-Sq 0.9794

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	1	3929.67750	49.62630	79.19	<.0001
time	1	-1.83289	0.02481	-73.86	<.0001

Before Montreal Protocol (before January 1990) 37  
 13:43 Wednesday, September 9, 2009

The REG Procedure  
 Model: MODEL1  
 Dependent Variable: cfc11

Number of Observations Read 156  
 Number of Observations Used 153  
 Number of Observations with Missing Values 3

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	203119	203119	35092.6	<.0001
Error	151	874.00095	5.78809		
Corrected Total	152	203993			

Root MSE 2.40584 R-Square 0.9957  
 Dependent Mean 197.94771 Adj R-Sq 0.9957  
 Coeff Var 1.21539

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	1	-19064	102.82492	-185.40	<.0001
time	1	9.71152	0.05184	187.33	<.0001

Parameter Estimates

Variable	DF	95% Confidence Limits	
Intercept	1	-19267	-18861
time	1	9.60909	9.81395

"x" (circled)

9.71152 / 0.05184 = 187.33  
 P-value for tested H0:  $\beta_1 = 0$   
 95% CI for  $\beta_0$

95% CI for  $\beta_1$   
 (9.61, 9.81)