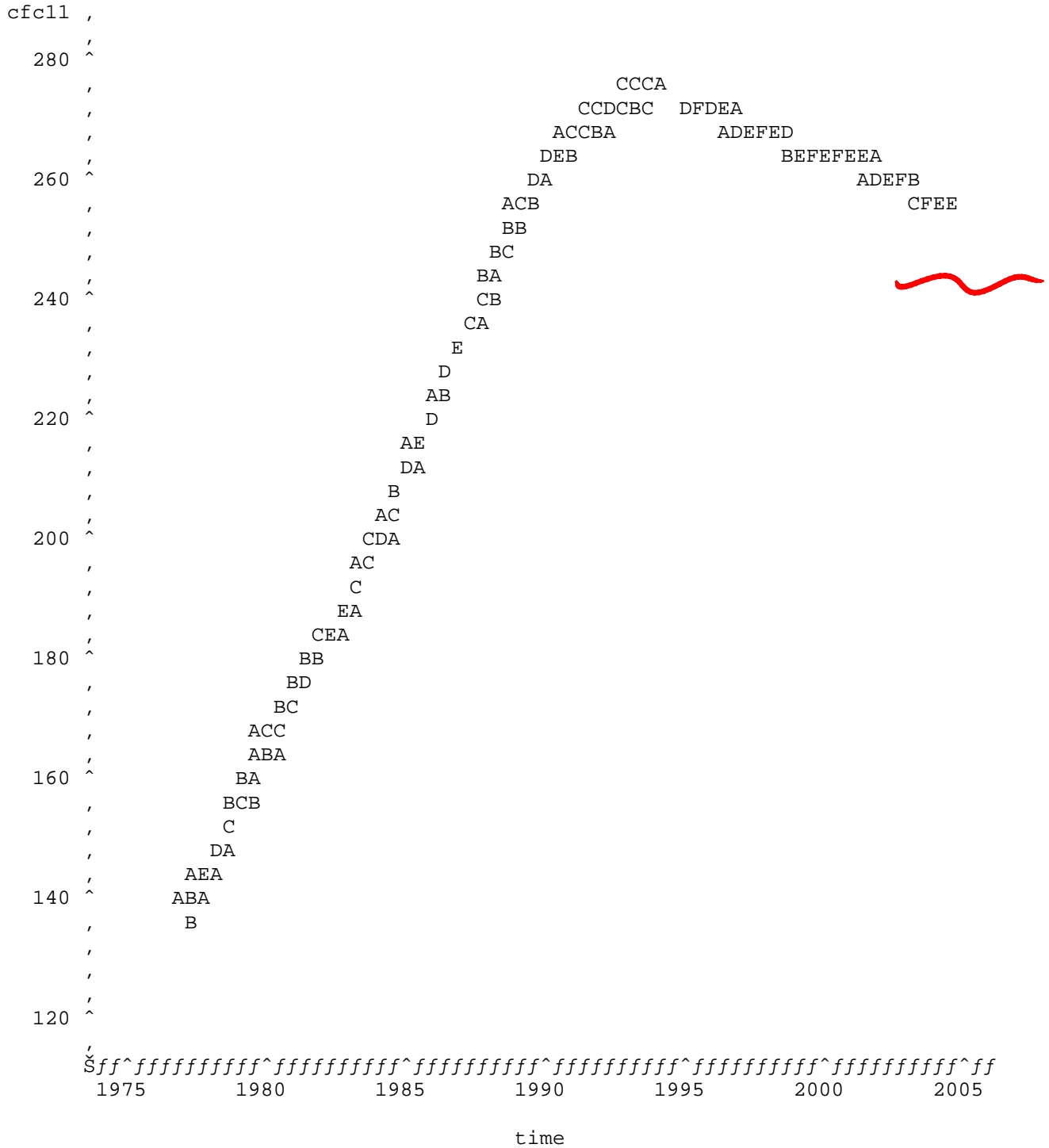


Plot of cfc11*time. Legend: A = 1 obs, B = 2 obs, etc.



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

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
 Dependent Mean 197.94771
 Coeff Var 1.21539

R-Square 0.9957
 Adj R-Sq 0.9957

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) 24
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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

S^2 est. of σ^2
 $100 \frac{\sqrt{MSE}}{\bar{y}}$ (we won't use)
 $S.E.(\hat{\beta}_1) = \frac{s}{\sqrt{SSX}}$

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)

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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