

```

-----
. foreach i in e_IH0 eight_EY1 fif_IH0 five_AY1 four_A01 le_EH1
nine_AY1 one_AH1 se
> _EH1 six_IH1 teen_IY1 ten_EH1 thir_ER1 three_IY1 twelve_EH1 twen_EH1
two_UW1 ty_I
> Y0 ven_AH0 {
  2.          display "Vowel--`i'"
  3.          regress speaker_racialized_num_black f2_intercept`i'
speaker_race_blac
> k f2_r2`i'
  4.          regress speaker_racialized_num_black f2_intercept`i'
speaker_race_blac
> k ///
>          speaker_Age i.speaker_gender speaker_ses
i.speaker_current_divisi
> on f2_r2`i'
  5.
.          regress speaker_racialized_num_black f2_slope`i'
speaker_race_black f2_r2
> `i'
  6.          regress speaker_racialized_num_black f2_slope`i'
speaker_race_black //
> /
>          speaker_Age i.speaker_gender speaker_ses
i.speaker_current_divisi
> on f2_r2`i'
  7.
.          regress speaker_racialized_num_black f3_intercept`i'
speaker_race_black f
> 3_r2`i'
  8.          regress speaker_racialized_num_black f3_intercept`i'
speaker_race_blac
> k ///
>          speaker_Age i.speaker_gender speaker_ses
i.speaker_current_divisi
> on f3_r2`i'
  9.
.          regress speaker_racialized_num_black f3_slope`i'
speaker_race_black f3_r2
> `i'
  10.         regress speaker_racialized_num_black f3_slope`i'
speaker_race_black //
> /
>          speaker_Age i.speaker_gender speaker_ses
i.speaker_current_divisi
> on f3_r2`i'
  11.        }
Vowel--e_IH0

```

Source	SS	df	MS	Number of obs =
Model	4.86027761	3	1.62009254	F( 3, 95) =
Residual	4.67858389	95	.049248251	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black [95% Conf. Interval]	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_intercepte_~0	.0191928	.0086127	2.23	0.028	.
speaker_race_b~k	.4030099	.0460843	8.75	0.000	.
f2_r2e_IH0	-.0804437	.077825	-1.03	0.304	-. .
_cons	.0306626	.0645182	0.48	0.636	-. .

Source	SS	df	MS	Number of obs =
Model	5.42780855	15	.361853904	F( 15, 83) =
Residual	4.11105295	83	.049530758	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black [95% Conf. Interval]	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_intercepte_~0	.0151571	.0102893	1.47	0.145	-. .

005308	.0356221					
speaker_race_b~k		.393196	.0537123	7.32	0.000	.
2863645	.5000275					
speaker_Age		.0038658	.0018949	2.04	0.045	.
0000969	.0076347					
speaker_gender						
1		-.0699122	.2415976	-0.29	0.773	-.
5504402	.4106158					
2		-.0144985	.0495491	-0.29	0.771	-.
1130496	.0840527					
speaker_ses		-.0370894	.0296523	-1.25	0.215	-.
0960665	.0218878					
speaker_cur~sion						
2		.0862108	.1222756	0.71	0.483	-.
1569904	.329412					
3		.0596706	.118334	0.50	0.615	-.
175691	.2950321					
4		.0670596	.1312166	0.51	0.611	-.
1939249	.3280441					
5		.0935691	.1104558	0.85	0.399	-.
1261231	.3132613					
6		.0888517	.1462562	0.61	0.545	-.
2020459	.3797494					
7		.1862247	.1256597	1.48	0.142	-.
0637073	.4361568					
8		.0233612	.1469786	0.16	0.874	-.
2689733	.3156956					
9		-.0375119	.1336705	-0.28	0.780	-.
3033772	.2283533					
f2_r2e_IH0		-.0484753	.0873618	-0.55	0.580	-.
2222345	.1252839					
_cons		-.0631835	.1831287	-0.35	0.731	-.
4274192	.3010521					

Source	SS	df	MS	Number of obs =
Model	4.89600034	3	1.63200011	F( 3, 95) =
Residual	4.64286116	95	.048872223	Prob > F =
				R-squared =
				Adj R-squared =

Total | 9.5388615 98 .097335321 Root MSE  
 = .22107

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopee_IH0 -.0746352	-.4364321	.1822424	-2.39	0.019	-.7982289
speaker_race_b~k 3454787 .525106	.4352923	.0452405	9.62	0.000	.
f2_r2e_IH0 2640243 .0492244	-.1073999	.078894	-1.36	0.177	-. .
_cons 0402692 .2215614	.1309153	.0456597	2.87	0.005	.

Source	SS	df	MS	Number of obs =
Model	5.48460725	15	.365640483	99
Residual	4.05425425	83	.048846437	7.49
Total	9.5388615	98	.097335321	F( 15, 83) =

Prob > F =  
 R-squared =  
 Adj R-squared =  
 Root MSE = .22101

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopee_IH0 7978216 .0323607	-.3827304	.2086976	-1.83	0.070	-. .
speaker_race_b~k 3224254 .5277633	.4250944	.0516194	8.24	0.000	.
speaker_Age 0007286 .0079875	.004358	.0018248	2.39	0.019	.
speaker_gender 1	-.0157381	.2339308	-0.07	0.947	-. .
2	-.0122216	.0481997	-0.25	0.800	-. .

1080888	.0836457					
speaker_ses		-.032876	.0285815	-1.15	0.253	-.
0897235	.0239715					
speaker_cur~sion						
2		.0788364	.1214894	0.65	0.518	-.
1628011	.3204739					
3		.015246	.118011	0.13	0.898	-.
2194732	.2499652					
4		.0478985	.1293451	0.37	0.712	-.
2093637	.3051607					
5		.0778547	.1095916	0.71	0.479	-.
1401184	.2958279					
6		.0302596	.1436293	0.21	0.834	-.
2554133	.3159324					
7		.1570301	.1270636	1.24	0.220	-.
0956943	.4097544					
8		-.0058822	.1481609	-0.04	0.968	-.
3005682	.2888038					
9		-.0311312	.1328351	-0.23	0.815	-.
2953347	.2330724					
f2_r2e_IH0		-.0589335	.0872934	-0.68	0.501	-.
2325565	.1146895					
_cons		-.0043941	.1841337	-0.02	0.981	-.
3706286	.3618403					

---

Source	SS	df	MS	Number of obs =
Model	5.00713318	3	1.66904439	F( 3, 95) =
Residual	4.53172832	95	.047702403	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

99  
34.99  
0.0000  
0.5249  
0.5099  
= .21841

---

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_intercepte_~0	-.0004976	.0140065	-0.04	0.972	-.

```

028304      .0273088
speaker_race_b~k |      .4187978      .0442061      9.47      0.000      .
3310376      .506558
      f3_r2e_IH0 |     -.2111391      .0803311      -2.63      0.010      -.3706164
-.0516618
      _cons |      .1995685      .1530238      1.30      0.195      -.
104222      .5033591
-----
-----

```

```

-----
Source |      SS      df      MS      Number of obs =
-----+-----
8.44
      Model |     5.76165684     15     .384110456      F( 15, 83) =
0.0000
      Residual |     3.77720466     83     .04550849      Prob > F      =
0.6040
-----+-----
0.5325
      Total |     9.5388615     98     .097335321      R-squared      =
= .21333      Adj R-squared =
      Root MSE
-----

```

```

-----
speaker_~m_black |      Coef.      Std. Err.      t      P>|t|      [95%
Conf. Interval]
-----+-----
f3_intercepte_~0 |     -.0104403     .0155323     -0.67     0.503     -.
0413334      .0204528
speaker_race_b~k |     .3973459     .0492862     8.06     0.000     .
2993177      .4953742
      speaker_Age |     .0045707     .0017299     2.64     0.010     .
0011301      .0080113
      speaker_gender
      1 |     .0697907     .225594     0.31     0.758     -.
3789067      .5184882
      2 |     -.0077938     .0464796     -0.17     0.867     -.
1002398      .0846523
      speaker_ses |     -.0386029     .0278837     -1.38     0.170     -.
0940623      .0168566
      speaker_cur~sion
      2 |     .0604097     .1155111     0.52     0.602     -.
1693373      .2901566
      3 |     .0264012     .1127141     0.23     0.815     -.
1977826      .2505851
-----

```

2040465	4		.0419478	.1236799	0.34	0.735	-.
	.2879421						
1363607	5		.0699901	.1037481	0.67	0.502	-.
	.2763409						
2127889	6		.0627585	.1385385	0.45	0.652	-.
	.338306						
0420915	7		.1996016	.1215173	1.64	0.104	-.
	.4412947						
2843297	8		-.0034527	.1412181	-0.02	0.981	-.
	.2774244						
3159972	9		-.0644274	.1264831	-0.51	0.612	-.
	.1871424						
	f3_r2e_IH0		-.2450228	.0812332	-3.02	0.003	-.4065923
	-.0834532						
	_cons		.2008416	.2180573	0.92	0.360	-.
	.6345487						

Source	SS	df	MS	Number of obs =
99				F( 3, 95) =
35.15				Prob > F =
Model	5.01819145	3	1.67273048	R-squared =
0.0000				Adj R-squared =
Residual	4.52067005	95	.047586001	Root MSE
0.5261				
0.5111				
Total	9.5388615	98	.097335321	
= .21814				

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_slopee_IH0	-.1276496	.2640805	-0.48	0.630	-.
6519158	.3966166				
speaker_race_b~k	.4177047	.0440552	9.48	0.000	.
3302441	.5051652				
f3_r2e_IH0	-.1871561	.0837784	-2.23	0.028	-.3534773
-.0208349					
_cons	.1966413	.0440413	4.46	0.000	.
1092083	.2840743				

Source	SS	df	MS	Number of obs =
Model	5.74113843	15	.382742562	F( 15, 83) =
Residual	3.79772307	83	.0457557	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slopee_IH0 5568685 .5742315	.0086815	.2843446	0.03	0.976	-. .
speaker_race_b~k 297556 .494062	.395809	.0493992	8.01	0.000	.
speaker_Age 0010466 .0079337	.0044901	.0017313	2.59	0.011	.
speaker_gender 1 3984156 .4923379	.0469611	.2239245	0.21	0.834	-. .
2 1047582 .0781651	-.0132965	.0459847	-0.29	0.773	-. .
speaker_ses 0966243 .0135288	-.0415478	.0276911	-1.50	0.137	-. .
speaker_cur~sion 2 1628278 .2983506	.0677614	.1159346	0.58	0.560	-. .
3 196653 .2528397	.0280933	.1129969	0.25	0.804	-. .
4 1968993 .2956618	.0493813	.1238238	0.40	0.691	-. .
5 1374212 .2765342	.0695565	.1040633	0.67	0.506	-. .
6 1957278 .3501669	.0772195	.1372312	0.56	0.575	-. .
7 0576878 .4256788	.1839955	.1215124	1.51	0.134	-. .
8 2912472 .2736833	-.0087819	.1420166	-0.06	0.951	-. .



320685	9	-.0679778	.127055	-0.54	0.594	-.
.1847294						
-.0506735	f3_r2e_IH0	-.2205921	.0854309	-2.58	0.012	-.3905108
228049	_cons	.1065055	.1682058	0.63	0.528	-.
	.44106					

Vowel--eight\_EY1

Source	SS	df	MS	Number of obs =
Model	5.06966785	3	1.68988928	F( 3, 95) =
Residual	4.46919365	95	.047044144	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

	Coef.	Std. Err.	t	P> t	[95%
f2_interceptei~1	-.0173541	.0148787	-1.17	0.246	-.
speaker_race_b~k	.4252276	.0437994	9.71	0.000	.
f2_r2eight_EY1	.2171235	.0798551	2.72	0.008	.
_cons	.1206543	.1387408	0.87	0.387	-.

Source	SS	df	MS	Number of obs =
Model	5.71237507	15	.380825005	F( 15, 83) =
Residual	3.82648643	83	.046102246	Prob > F =
				R-squared =
				Adj R-squared =

0.5264

Total | 9.5388615 98 .097335321  
= .21471

Root MSE

----- ----- -----	Coef.	Std. Err.	t	P> t	[95%
speaker_~m_black   Conf. Interval]					
----- ----- -----					
f2_interceptei~1   0529962 .0157156	-.0186403	.0172733	-1.08	0.284	-. .
speaker_race_b~k   3275583 .5237673	.4256628	.0493245	8.63	0.000	. .
speaker_Age   0012532 .0081885	.0047208	.0017435	2.71	0.008	. .
speaker_gender					
1 2488668 .688311	.2197221	.235595	0.93	0.354	-. -.
2 0344026 .1749449	.0702711	.0526274	1.34	0.185	-. -.
speaker_ses					
0613506 .0484317	-.0064595	.0275979	-0.23	0.816	-. -.
speaker_cur~sion					
2 1023599 .3678551	.1327476	.1182063	1.12	0.265	-. -.
3 1411 .3222409	.0905705	.1164782	0.78	0.439	-. -. .
4 19407 .3083481	.057139	.1263017	0.45	0.652	-. -. .
5 1164999 .3158222	.0996612	.1086805	0.92	0.362	-. -. .
6 2082241 .3449936	.0683847	.1390721	0.49	0.624	-. -. .
7 0400145 .439518	.1997517	.1205486	1.66	0.101	-. -. .
8 1643181 .4050096	.1203457	.143122	0.84	0.403	-. -. .
9 2411016 .277124	.0180112	.1302755	0.14	0.890	-. -. .
f2_r2eight_EY1   0567637 .4027825	.2297731	.0869849	2.64	0.010	. .
_cons   632999 .2859948	-.1735021	.2310237	-0.75	0.455	-. -. .
----- ----- -----					

Source	SS	df	MS	Number of obs =
Model	5.01042377	3	1.67014126	F( 3, 95) =
Residual	4.52843773	95	.047667766	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_slopeeight_~1	.0745108	0.32	0.753	-.393776 .5427976
speaker_race_b~k	.4293441	9.77	0.000	3420874 .5166008
f2_r2eight_EY1	.224652	2.58	0.011	0518413 .3974627
_cons	-.0343732	-0.61	0.542	1459972 .0772509

Source	SS	df	MS	Number of obs =
Model	5.66071288	15	.377380859	F( 15, 83) =
Residual	3.87814862	83	.046724682	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
speaker_~m_black				

f2_slopeeight_~1		.0524477	.2518954	0.21	0.836	-.
4485622		.5534576				
speaker_race_b~k		.42879	.049664	8.63	0.000	.
3300104		.5275696				
speaker_Age		.0048546	.0017533	2.77	0.007	.
0013674		.0083418				
speaker_gender						
1		.1758127	.2374289	0.74	0.461	-.
2964238		.6480492				
2		.0481312	.0492049	0.98	0.331	-.
0497353		.1459977				
speaker_ses		-.0095828	.0276281	-0.35	0.730	-.
064534		.0453684				
speaker_cur~sion						
2		.1480621	.1183191	1.25	0.214	-.
0872698		.3833941				
3		.1052426	.1167486	0.90	0.370	-.
1269657		.3374508				
4		.0802514	.1252682	0.64	0.524	-.
1689019		.3294047				
5		.1272594	.1064509	1.20	0.235	-.
084467		.3389859				
6		.0864295	.1389522	0.62	0.536	-.
1899408		.3627998				
7		.2167502	.1202824	1.80	0.075	-.
0224866		.455987				
8		.1306426	.1438853	0.91	0.367	-.
1555394		.4168246				
9		.0238003	.1310782	0.18	0.856	-.
236909		.2845096				
f2_r2eight_EY1		.2300713	.0935663	2.46	0.016	.
0439718		.4161708				
_cons		-.3339955	.1810909	-1.84	0.069	-.
6941781		.026187				

Source	SS	df	MS	Number of obs =
Model	4.85951996	3	1.61983999	F( 3, 95) =
Residual	4.67934154	95	.049256227	Prob > F =
				R-squared =
				Adj R-squared =

0.4940  
 Total | 9.5388615 98 .097335321 Root MSE  
 = .22194

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_interceptei~1	-.0039421	.018007	-0.22	0.827	-.0396906 .0318063
speaker_race_b~k	.4272466	.0447344	9.55	0.000	.3384377 .5160556
f3_r2eight_EY1	.1940348	.0848144	2.29	0.024	.025657 .3624126
_cons	.0349547	.1936809	0.18	0.857	-.3495505 .4194599

Source	SS	df	MS	Number of obs =
Model	5.49807591	15	.366538394	99
Residual	4.04078559	83	.048684164	7.53
Total	9.5388615	98	.097335321	F( 15, 83) =
				Prob > F =
				R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_interceptei~1	.0012494	.0199564	0.06	0.950	-.0384432 .040942
speaker_race_b~k	.4229965	.0505063	8.38	0.000	.3225415 .5234514
speaker_Age	.0047968	.0017851	2.69	0.009	.0012463 .0083472
speaker_gender	.1126882	.2368513	0.48	0.635	-.3583994 .5837758

0868935	2		.0133483	.0503991	0.26	0.792	-.
	.1135901						
0695194	speaker_ses		-.013139	.0283467	-0.46	0.644	-.
	.0432413						
1111202	2		.1288509	.1206516	1.07	0.289	-.
	.3688219						
1444937	3		.0923531	.1190807	0.78	0.440	-.
	.3291998						
1905769	4		.0648941	.1284445	0.51	0.615	-.
	.3203651						
098133	5		.1195926	.109467	1.09	0.278	-.
	.3373181						
2024431	6		.0800952	.1420533	0.56	0.574	-.
	.3626335						
0329529	7		.2123288	.1233216	1.72	0.089	-.
	.4576104						
205147	8		.0833383	.1450433	0.57	0.567	-.
	.3718236						
2635818	9		.0020443	.1335503	0.02	0.988	-.
	.2676705						
0064307	f3_right_EY1		.1754722	.0914563	1.92	0.058	-.
	.3573752						
7931077	_cons		-.2610855	.2674876	-0.98	0.332	-.
	.2709366						

Source	SS	df	MS	Number of obs =
Model	4.85718931	3	1.6190631	F( 3, 95) =
Residual	4.68167219	95	.04928076	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

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speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]

f3_slopeeight_~1		-.0060989	.2470601	-0.02	0.980	-. 4965753 .4843775
speaker_race_b~k		.4279726	.0446487	9.59	0.000	. 3393337 .5166114
f3_r2eight_EY1		.1988633	.088005	2.26	0.026	. 0241514 .3735752
_cons		-.0052685	.0577173	-0.09	0.927	-. 1198519 .1093149

Source	SS	df	MS	Number of obs =
Model	5.50029355	15	.366686237	F( 15, 83) =
Residual	4.03856795	83	.048657445	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

7.54  
0.0000  
0.5766  
0.5001  
= .22058

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_slopeeight_~1	-.0580202	.2607856	-0.22	0.824	-. 5767123 .4606719
speaker_race_b~k	.4231965	.0504397	8.39	0.000	. 3228739 .5235191
speaker_Age	.0048288	.001789	2.70	0.008	. 0012706 .008387
speaker_gender					
1	.1107426	.2355988	0.47	0.640	-. 357854 .5793392
2	.0116041	.0485902	0.24	0.812	-. 0850398 .108248
speaker_ses	-.012976	.0282141	-0.46	0.647	-. 0690927 .0431406
speaker_cur~sion					
2	.1302894	.1201772	1.08	0.281	-. 1087382 .369317
3	.0938417	.1189817	0.79	0.433	-. 1087382 .369317

1428081	.3304916					
	4	.0642785	.1275216	0.50	0.616	-.
1893569	.3179139					
	5	.1203241	.1081426	1.11	0.269	-.
0947672	.3354154					
	6	.0819088	.1421412	0.58	0.566	-.
2008043	.3646219					
	7	.2119071	.1226859	1.73	0.088	-.
0321102	.4559244					
	8	.0824155	.1449561	0.57	0.571	-.
2058963	.3707273					
	9	.0036483	.1336993	0.03	0.978	-.
2622742	.2695708					
f3_r2eight_EY1		.1818429	.0958061	1.90	0.061	-.
0087117	.3723974					
	_cons	-.2460402	.1804365	-1.36	0.176	-.
6049211	.1128408					

Vowel--fif\_IH0

Source	SS	df	MS	Number of obs =
Model	4.70389846	3	1.56796615	F( 3, 95) =
Residual	4.83496304	95	.050894348	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_interceptfif_IH0	.0004072	.0160566	0.03	0.980	-.
speaker_race_black	.4339593	.0456011	9.52	0.000	.
f2_r2fif_IH0	-.1447452	.0908398	-1.59	0.114	-.
_cons	.1396358	.1392822	1.00	0.319	-.



Source	SS	df	MS	Number of obs =
Model	5.40768236	15	.360512158	F( 15, 83) =
Residual	4.13117913	83	.049773243	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_interceptf1~0 0424981 .0263664	-.0080658	.0173117	-0.47	0.642	-. .
speaker_race_b~k 3229576 .5276744	.425316	.0514633	8.26	0.000	. .
speaker_Age 0010392 .0083712	.0047052	.0018432	2.55	0.013	. .
speaker_gender 1 4330447 .4942755	.0306154	.2331169	0.13	0.896	-. .
2 0861602 .1017091	.0077744	.047228	0.16	0.870	-. .
speaker_ses 0801302 .0316016	-.0242643	.028088	-0.86	0.390	-. .
speaker_cur~sion 2 1522094 .3305689	.0891797	.1213645	0.73	0.465	-. .
3 2059336 .2699476	.032007	.1196307	0.27	0.790	-. .
4 2125113 .308772	.0481303	.1310442	0.37	0.714	-. .
5 1390538 .3016802	.0813132	.1107951	0.73	0.465	-. .
6 2615487 .3368797	.0376655	.1504375	0.25	0.803	-. .
7 0443717 .4521441	.2038862	.124818	1.63	0.106	-. .

2347384	8		.058132	.147248	0.39	0.694	-.
3195236	9		-.0558219	.1325827	-0.42	0.675	-.
2976312	f2_r2fif_IH0		-.115835	.0914026	-1.27	0.209	-.
4165208	_cons		.0238854	.2214254	0.11	0.914	-.

Source	SS	df	MS	Number of obs =
Model	4.75834211	3	1.58611404	F( 3, 95) =
Residual	4.78051939	95	.050321257	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

Variable	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_slopefif_IH0	-.2073144	.1992512	-1.04	0.301	-.
speaker_race_b~k	.429422	.0453858	9.46	0.000	.
f2_r2fif_IH0	-.137339	.0905872	-1.52	0.133	-.
_cons	.1406638	.0412164	3.41	0.001	.

Source	SS	df	MS	Number of obs =
Model	5.40811928	15	.360541285	F( 15, 83) =
Residual	4.13074222	83	.049767979	Prob > F =
				R-squared =

-----+-----  
 0.4887  
 Total | 9.5388615 98 .097335321  
 = .22309  
 Adj R-squared =  
 Root MSE

-----+-----

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95%
Conf. Interval]					
f2_slopefif_IH0	-.1019729	.2145578	-0.48	0.636	-. 5287197 .3247739
speaker_race_b~k	.4177321	.0518772	8.05	0.000	. 3145505 .5209136
speaker_Age	.004341	.0018543	2.34	0.022	. 0006529 .0080291
speaker_gender					
1	.034049	.2334012	0.15	0.884	-. 4301766 .4982746
2	.0120284	.0480375	0.25	0.803	-. 0835163 .107573
speaker_ses	-.0238675	.0281067	-0.85	0.398	-. 0797705 .0320356
speaker_cur~sion					
2	.0958578	.1199536	0.80	0.426	-. 1427252 .3344407
3	.0420402	.1177329	0.36	0.722	-. 1921259 .2762063
4	.0594755	.1289389	0.46	0.646	-. 1969789 .3159298
5	.094335	.1082774	0.87	0.386	-. 1210244 .3096945
6	.0727011	.1456646	0.50	0.619	-. 21702 .3624222
7	.2111331	.1241338	1.70	0.093	-. 0357641 .4580302
8	.0689275	.1460557	0.47	0.638	-. 2215714 .3594264
9	-.0487761	.1321028	-0.37	0.713	-. 3115233 .2139711
f2_r2fif_IH0	-.1148997	.0915014	-1.26	0.213	-. 2968923 .0670929
_cons	-.0418147	.1654138	-0.25	0.801	-. 3708162 .2871868

-----+-----

Source	SS	df	MS	Number of obs =
Model	4.78732148	3	1.59577383	F( 3, 95) =
Residual	4.75154002	95	.050016211	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_interceptf1~0	.0228637	-0.09	0.929	-.0474362 .0433442
speaker_race_b~k	.0454094	9.72	0.000	3512719 .5315699
f3_r2fif_IH0	.0875647	-2.05	0.043	-.0060535 -.3537293
_cons	.2476437	0.70	0.483	317409 .6658609

Source	SS	df	MS	Number of obs =
Model	5.49915916	15	.366610611	F( 15, 83) =
Residual	4.03970234	83	.048671112	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
speaker_race_b~k	.0454094	9.72	0.000	3512719 .5315699

f3_interceptf1~0	-.0089248	.0238539	-0.37	0.709	-.0563692	.0385196
speaker_race_b~k	.4254564	.05081	8.37	0.000	3243974	.5265155
speaker_Age	.0042763	.0018215	2.35	0.021	0006535	.0078992
speaker_gender						
1	.1123007	.2352774	0.48	0.634	3556566	.5802581
2	.0209223	.0472677	0.44	0.659	0730912	.1149358
speaker_ses	-.0272653	.0278706	-0.98	0.331	0826987	.0281681
speaker_cur~sion						
2	.0913382	.1190017	0.77	0.445	1453514	.3280277
3	.033259	.1174484	0.28	0.778	2003411	.266859
4	.0528615	.1274881	0.41	0.679	2007071	.3064302
5	.0879062	.1085078	0.81	0.420	1279116	.3037239
6	.0598889	.1440821	0.42	0.679	2266845	.3464623
7	.2261673	.1231281	1.84	0.070	0187296	.4710642
8	.0832252	.1463142	0.57	0.571	207788	.3742383
9	-.0471181	.1308003	-0.36	0.720	3072746	.2130383
f3_r2fif_IH0	-.1792592	.0924167	-1.94	0.056	3630724	.0045539
_cons	.0823193	.3005472	0.27	0.785	515457	.6800956

Source	SS	df	MS	Number of obs =
Model	4.78846469	3	1.5961549	F( 3, 95) =
Residual	4.75039681	95	.050004177	Prob > F =
				R-squared =

```

-----+-----
0.4863
Total | 9.5388615 98 .097335321
= .22362

```

```

Adj R-squared =
Root MSE

```

```

-----
speaker_~m_black |      Coef.   Std. Err.    t    P>|t|    [95%
Conf. Interval]
-----+-----
f3_slopefif_IH0 |  .0403017   .2293723    0.18  0.861    -.
4150598   .4956633
speaker_race_b~k |  .4419469   .0455224    9.71  0.000    .
3515735   .5323203
f3_r2fif_IH0 |  -.1838534   .0913177   -2.01  0.047   -.3651421
-.0025648
_cons |  .1534641   .0408182    3.76  0.000    .
0724297   .2344985
-----

```

```

-----
Source |      SS      df      MS
-----+-----
99
7.54
Model |  5.50012449   15   .366674966
0.0000
Residual |  4.038737   83   .048659482
0.5766
-----+-----
0.5001
Total |  9.5388615   98   .097335321
= .22059

```

```

Number of obs =
F( 15, 83) =
Prob > F      =
R-squared     =
Adj R-squared =
Root MSE

```

```

-----
speaker_~m_black |      Coef.   Std. Err.    t    P>|t|    [95%
Conf. Interval]
-----+-----
f3_slopefif_IH0 |  .0944589   .2362536    0.40  0.690    -.
37544   .5643577
speaker_race_b~k |  .4270564   .0513696    8.31  0.000    .
3248844   .5292284
speaker_Age |  .0042567   .0018133    2.35  0.021    .
0006502   .0078633
speaker_gender |
1 |  .11125    .2353209    0.47  0.638    -.

```

3567939	.5792938					
	2		.0180535	.0470894	0.38	0.702
0756055	.1117125					-. .
	speaker_ses		-.0265598	.027971	-0.95	0.345
082193	.0290734					-. .
	speaker_cur~sion					
	2		.1004828	.1191955	0.84	0.402
1365923	.3375578					-. .
	3		.0418135	.1166323	0.36	0.721
1901635	.2737904					-. .
	4		.0581032	.1276051	0.46	0.650
1956982	.3119045					-. .
	5		.0940146	.1070052	0.88	0.382
1188144	.3068435					-. .
	6		.0661636	.1418141	0.47	0.642
215899	.3482262					-. .
	7		.2319237	.1231133	1.88	0.063
0129438	.4767911					-. .
	8		.0880083	.1452845	0.61	0.546
2009567	.3769732					-. .
	9		-.0435084	.1306613	-0.33	0.740
3033885	.2163717					-. .
	f3_r2fif_IH0		-.1854681	.0949542	-1.95	0.054
3743282	.003392					-. .
	_cons		-.0175164	.1655779	-0.11	0.916
3468441	.3118114					-. .

Vowel--five\_AY1

Source	SS	df	MS	Number of obs =
Model	4.87118877	3	1.62372959	F( 3, 95) =
Residual	4.66767273	95	.049133397	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker\_~m\_black | Coef. Std. Err. t P>|t| [95%  
Conf. Interval]

Variable	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_interceptfi~1	-.0081718	.0232087	-0.35	0.726	-.0542468 .0379033
speaker_race_b~k	.4024241	.0459959	8.75	0.000	.3111107 .4937376
f2_r2five_AY1	-.2467159	.1015347	-2.43	0.017	-.045144 -.08262
_cons	.3038845	.1114542	2.73	0.008	.1525149 .4552541

Source	SS	df	MS	Number of obs =
Model	5.39007759	15	.359338506	99
Residual	4.14878391	83	.049985348	
Total	9.5388615	98	.097335321	

F( 15, 83) = 7.19  
 Prob > F = 0.0000  
 R-squared = 0.5651  
 Adj R-squared = 0.4865  
 Root MSE = .22357

Variable	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_interceptfi~1	-.007059	.0252299	-0.28	0.780	-.0572403 .0431223
speaker_race_b~k	.402504	.0526031	7.65	0.000	.2978785 .5071294
speaker_Age	.0042354	.0018454	2.30	0.024	.000565 .0079058
speaker_gender					
1	.0693534	.2366984	0.29	0.770	-.4014301 .5401369
2	.0063055	.047364	0.13	0.894	-.0878996 .1005105
speaker_ses	-.0272067	.0287741	-0.95	0.347	-.0844372 .0300238
speaker_cur~sion					
2	.0811522	.1206875	0.67	0.503	-.0395353 .2012309



1588904	.3211949					
	3	.0363474	.1184179	0.31	0.760	-.
199181	.2718758					
	4	.04489	.1293438	0.35	0.729	-.
2123696	.3021496					
	5	.0679912	.1106005	0.61	0.540	-.
1519887	.2879711					
	6	.0590335	.1446969	0.41	0.684	-.
2287627	.3468298					
	7	.1764058	.1282991	1.37	0.173	-.
0787759	.4315875					
	8	.0365266	.147188	0.25	0.805	-.
2562245	.3292776					
	9	-.0548309	.1325757	-0.41	0.680	-.
3185187	.2088569					
f2_r2five_AY1		-.1414364	.1148602	-1.23	0.222	-.
3698887	.087016					
	_cons	.0812454	.226287	0.36	0.720	-.
3688303	.5313211					

Source	SS	df	MS	Number of obs =
Model	5.25645981	3	1.75215327	F( 3, 95) =
Residual	4.28240168	95	.045077912	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopefive_AY1	-.8452459	.2868636	-2.95	0.004	-1.414742
speaker_race_b~k	.3988663	.0440685	9.05	0.000	.
f2_r2five_AY1	-.0202796	.1185731	-0.17	0.865	-.
_cons	.3025775	.0756301	4.00	0.000	.

Source	SS	df	MS	Number of obs =
Model	5.79055028	15	.386036685	F( 15, 83) =
Residual	3.74831122	83	.045160376	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopefive_AY1	-.9420659	.31482	-2.99	0.004	-1.56823
speaker_race_b~k	.4052659	.0499816	8.11	0.000	.
speaker_Age	.0042965	.0017527	2.45	0.016	.
speaker_gender					
1	.1254984	.2250289	0.56	0.579	-. .
2	.0440501	.046723	0.94	0.349	-. .
speaker_ses	-.0096805	.0273419	-0.35	0.724	-. .
speaker_cur~sion					
2	.091594	.1146016	0.80	0.426	-. .
3	.0254204	.1125283	0.23	0.822	-. .
4	.0850147	.123361	0.69	0.493	-. .
5	.0447278	.1053317	0.42	0.672	-. .
6	.0992759	.1367461	0.73	0.470	-. .
7	.1744432	.1219428	1.43	0.156	-. .

0680961	.4169824					
	8		.0447123	.1398332	0.32	0.750
2334103	.3228349					
	9		-.0412197	.1259663	-0.33	0.744
2917617	.2093223					
f2_r2five_AY1			.0876416	.1283477	0.68	0.497
1676368	.3429201					
	_cons		.0264831	.1899086	0.14	0.889
3512375	.4042036					

Source	SS	df	MS	Number of obs =
Model	4.77618933	3	1.59206311	F( 3, 95) =
Residual	4.76267217	95	.050133391	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
f3_interceptf1	-.0269015	.0212623	-1.27	0.209	-.0691125 .0153095
speaker_race_bk	.4256534	.0452546	9.41	0.000	.3358117 .5154951
f3_r2five_AY1	-.1847792	.0951611	-1.94	0.055	-.3736979 .0041394
_cons	.3706031	.179676	2.06	0.042	.0139012 .727305

Source	SS	df	MS	Number of obs =
Model	5.40025707	15	.360017138	F( 15, 83) =
Residual	4.13860443	83	.049862704	Prob > F =
				R-squared =

0.5661

0.4877

Total | 9.5388615 98 .097335321  
= .2233

Adj R-squared =

Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_interceptfi~1 0783736 .0181326	-.0301205	.0242605	-1.24	0.218	-. .
speaker_race_b~k 3089279 .5144676	.4116977	.0516701	7.97	0.000	. .
speaker_Age 000879 .0083213	.0046002	.0018709	2.46	0.016	. .
speaker_gender 1 3965638 .5515153	.0774758	.2383354	0.33	0.746	-. .
2 1148185 .0921227	-.0113479	.0520225	-0.22	0.828	-. .
speaker_ses 079866 .0324013	-.0237324	.0282226	-0.84	0.403	-. .
speaker_cur~sion 2 1644523 .3163722	.07596	.1208734	0.63	0.531	-. .
3 1948293 .2779064	.0415385	.1188399	0.35	0.728	-. .
4 2097983 .3031321	.0466669	.1289444	0.36	0.718	-. .
5 1479321 .2940089	.0730384	.1110985	0.66	0.513	-. .
6 2500189 .3260696	.0380253	.1448215	0.26	0.794	-. .
7 0424032 .4585698	.2080833	.1259385	1.65	0.102	-. .
8 232635 .3493638	.0583644	.1463073	0.40	0.691	-. .
9 3071175 .2216546	-.0427315	.1329268	-0.32	0.749	-. .
f3_r2five_AY1 3017134 .1182137	-.0917498	.1055645	-0.87	0.387	-. .
_cons 3426896 .7365987	.1969545	.2713198	0.73	0.470	-. .

Source	SS	df	MS	Number of obs =
Model	4.73469971	3	1.57823324	F( 3, 95) =
Residual	4.80416179	95	.050570124	Prob > F =
Total	9.5388615	98	.097335321	R-squared =

31.21  
 0.0000  
 0.4964  
 0.4805  
 = .22488  
 Adj R-squared =  
 Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slopefive_AY1	-.3563446	.4070127	-0.88	0.384	
speaker_race_black	.430777	.0452225	9.53	0.000	.
f3_r2five_AY1	-.0609109	.1207937	-0.50	0.615	-.
_cons	.1526799	.0450846	3.39	0.001	.

Source	SS	df	MS	Number of obs =
Model	5.39832317	15	.359888212	F( 15, 83) =
Residual	4.14053833	83	.049886004	Prob > F =
Total	9.5388615	98	.097335321	R-squared =

7.21  
 0.0000  
 0.5659  
 0.4875  
 = .22335  
 Adj R-squared =  
 Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
-------------------------------------	-------	-----------	---	------	------

Source	SS	df	MS	F	Prob > F
f3_slopefive_AY1	.4501191	1	0.4501191	1.23	0.224
speaker_race_b~k	.0512658	1	0.0512658	8.25	0.000
speaker_Age	.0018722	1	0.0018722	2.47	0.016
speaker_gender	.2368681	1	0.2368681	0.12	0.901
speaker_ses	.0282008	1	0.0282008	-0.74	0.459
speaker_cur~sion	.1206563	1	0.1206563	0.86	0.392
f3_r2five_AY1	.1293775	1	0.1293775	0.48	0.634
_cons	.1715787	1	0.1715787	-0.45	0.653

Vowel--four\_A01

Source	SS	df	MS	Number of obs =
Model	4.58736073	3	1.52912024	F( 3, 95) =
Error	29.34	99	0.29631313	Prob > F =

Residual		4.95150077	95	.052121061	R-squared	=
0.4809						
-----						
	+					
0.4645					Adj R-squared	=
Total		9.5388615	98	.097335321	Root MSE	
=		.2283				

speaker_~m_black		Coef.	Std. Err.	t	P> t	[95%
Conf. Interval]						
-----						
+						
f2_interceptfo~1		.004816	.0123275	0.39	0.697	-.
0196571		.0292891				
speaker_race_b~k		.4287608	.0465165	9.22	0.000	.
3364139		.5211076				
f2_r2four_A01		.0276326	.0765332	0.36	0.719	-.
1243051		.1795702				
_cons		.0762847	.0609462	1.25	0.214	-.
0447089		.1972782				

Source		SS	df	MS	Number of obs	=
99						
-----						
+						
7.02					F( 15, 83)	=
Model		5.33511571	15	.355674381	Prob > F	=
0.0000						
Residual		4.20374579	83	.05064754	R-squared	=
0.5593						
-----						
+						
0.4797					Adj R-squared	=
Total		9.5388615	98	.097335321	Root MSE	
=		.22505				

speaker_~m_black		Coef.	Std. Err.	t	P> t	[95%
Conf. Interval]						
-----						
+						
f2_interceptfo~1		.0086389	.0135919	0.64	0.527	-.
0183949		.0356727				
speaker_race_b~k		.412986	.0525336	7.86	0.000	.
3084988		.5174732				
speaker_Age		.0047373	.0018288	2.59	0.011	.
0010998		.0083748				

speaker_gender	1	.0419276	.2367217	0.18	0.860	-.
4289023	.5127575					
speaker_gender	2	.0216826	.0517889	0.42	0.677	-.
0813235	.1246887					
speaker_ses		-.0217402	.0283806	-0.77	0.446	-.
078188	.0347076					
speaker_cur~sion	2	.1017357	.1214545	0.84	0.405	-.
1398324	.3433038					
speaker_cur~sion	3	.0601637	.1208453	0.50	0.620	-.
1801928	.3005202					
speaker_cur~sion	4	.0531137	.1300692	0.41	0.684	-.
2055888	.3118161					
speaker_cur~sion	5	.1007776	.1098906	0.92	0.362	-.
1177904	.3193456					
speaker_cur~sion	6	.0749874	.1463901	0.51	0.610	-.
2161767	.3661515					
speaker_cur~sion	7	.2292481	.1275377	1.80	0.076	-.
0244192	.4829154					
speaker_cur~sion	8	.065293	.1478383	0.44	0.660	-.
2287515	.3593375					
speaker_cur~sion	9	-.0342575	.1360272	-0.25	0.802	-.
3048101	.2362951					
f2_r2four_A01		.0189569	.0794655	0.24	0.812	-.
1390969	.1770106					
_cons		-.1421426	.1856113	-0.77	0.446	-.
511316	.2270308					

Source	SS	df	MS	Number of obs =
Model	4.58115771	3	1.52705257	F( 3, 95) =
Residual	4.95770378	95	.052186356	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95%
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Conf. Interval]

f2_slopefour_A01		.0477829	.2607872	0.18	0.855	-. .
4699452		.565511				
speaker_race_b~k		.4328046	.0469175	9.22	0.000	.
3396615		.5259477				
f2_r2four_A01		.0200684	.0769403	0.26	0.795	-. .
1326773		.1728142				
_cons		.0926708	.0436384	2.12	0.036	.
0060377		.1793039				

Source	SS	df	MS	Number of obs =
Model	5.31523105	15	.354348736	F( 15, 83) =
Residual	4.22363045	83	.050887114	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
f2_slopefour_A01		-.0301046	.2830739	-0.11	0.916	-. .
5931273		.532918				
speaker_race_b~k		.417663	.0528821	7.90	0.000	.
3124827		.5228434				
speaker_Age		.0047217	.0018348	2.57	0.012	.
0010724		.008371				
speaker_gender						
1		.0268192	.2360889	0.11	0.910	-. .
4427521		.4963904				
2		.0106156	.0504608	0.21	0.834	-. .
0897489		.1109802				
speaker_ses		-.0225313	.0286776	-0.79	0.434	-. .
0795698		.0345072				
speaker_cur~sion						

145394	2	.3383466	.0964763	.1216064	0.79	0.430	-.
1905454	3	.2911909	.0503228	.1211026	0.42	0.679	-.
2075443	4	.3111505	.0518031	.1303935	0.40	0.692	-.
1256387	5	.3145678	.0944646	.1106625	0.85	0.396	-.
2275649	6	.3518607	.0621479	.1456605	0.43	0.671	-.
0364368	7	.4687908	.216177	.127008	1.70	0.092	-.
2374279	8	.3489072	.0557396	.1473974	0.38	0.706	-.
3181059	9	.2217364	-.0481847	.1357097	-0.36	0.723	-.
1492427	f2_r2four_A01	.1690345	.0098959	.080011	0.12	0.902	-.
4391473	_cons	.2467004	-.0962235	.1724137	-0.56	0.578	-.

Source	SS	df	MS	Number of obs =
Model	4.64473643	3	1.54824548	F( 3, 95) =
Residual	4.89412507	95	.051517106	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_interceptfo~1	.0260077	.0267828	0.97	0.334	-.
speaker_race_b~k	.4204646	.0470948	8.93	0.000	.
f3_r2four_A01	.0340232	.0853465	0.40	0.691	-.
_cons	-.1950693	.2805804	-0.70	0.489	-.

7520918 .3619532

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Source	SS	df	MS	Number of obs =
Model	5.3604281	15	.357361873	F( 15, 83) =
Residual	4.1784334	83	.050342571	Prob > F =
Total	9.5388615	98	.097335321	R-squared =

---

99  
7.10  
0.0000  
0.5620  
0.4828  
= .22437

Adj R-squared =  
Root MSE

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Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
f3_interceptfo~1 056714 .0575816	.0004338	.0287325	0.02	0.988	-. .
speaker_race_b~k 3132122 .5248441	.4190281	.0532017	7.88	0.000	.
speaker_Age 0010008 .0086609	.0048308	.0019256	2.51	0.014	.
speaker_gender 1 4459998 .4976527	.0258264	.2372226	0.11	0.914	-. .
2 0868627 .1021891	.0076632	.0475253	0.16	0.872	-. .
speaker_ses 0761825 .0369063	-.0196381	.0284291	-0.69	0.492	-. .
speaker_cur~sion 2 1507803 .3336759	.0914478	.1217863	0.75	0.455	-. .
3 1980964 .2742405	.0380721	.1187397	0.32	0.749	-. .
4 2123432 .3033598	.0455083	.1296414	0.35	0.726	-. .
5 1298962 .3036827	.0868933	.1089964	0.80	0.428	-. .
6 2143808 .3638889	.074754	.1453699	0.51	0.608	-. .

0317961	7		.2166018	.1248884	1.73	0.087	-.
	.4649998						
2401044	8		.0519747	.1468502	0.35	0.724	-.
	.3440539						
321528	9		-.0568842	.1330564	-0.43	0.670	-.
	.2077597						
f3_r2four_A01			.0815872	.0894182	0.91	0.364	-.
096262	.2594363						
_cons			-.1484005	.3144582	-0.47	0.638	-.
7738453	.4770442						

Source	SS	df	MS	Number of obs =
99				F( 3, 95) =
29.86				Prob > F =
Model	4.62946735	3	1.54315578	R-squared =
0.0000				Adj R-squared =
Residual	4.90939414	95	.051677833	Root MSE
0.4853				
0.4691				
Total	9.5388615	98	.097335321	
= .22733				

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_slopefour_A01	.4184467	.5212043	0.80	0.424	-.6162747
1.453168					
speaker_race_b~k	.4338123	.0458511	9.46	0.000	.
3427864	.5248383				
f3_r2four_A01	.1022065	.1028245	0.99	0.323	-.
101926	.306339				
_cons	.0780352	.0570265	1.37	0.174	-.
0351767	.1912472				

Source	SS	df	MS	Number of obs =
99				F( 15, 83) =
7.51				Prob > F =
Model	5.49198647	15	.366132431	
0.0000				

Residual		4.04687503	83	.04875753	R-squared	=
0.5757						
-----+						
0.4991					Adj R-squared	=
Total		9.5388615	98	.097335321	Root MSE	
= .22081						

-----						
speaker_~m_black		Coef.	Std. Err.	t	P> t	[95%
-----						
+-----						
f3_slopefour_A01		.9236566	.5622808	1.64	0.104	-.1946972
2.04201						
speaker_race_b~k		.4249782	.0505385	8.41	0.000	.
3244591		.5254973				
speaker_Age		.0054765	.0018328	2.99	0.004	.
0018312		.0091218				
speaker_gender						
1		.0715966	.232276	0.31	0.759	-.
3903911		.5335844				
2		.0314878	.0489434	0.64	0.522	-.
0658587		.1288343				
speaker_ses		-.0151712	.0281092	-0.54	0.591	-.
0710792		.0407368				
speaker_cur~sion						
2		.1116991	.1192925	0.94	0.352	-.
1255689		.3489671				
3		.0656648	.1180216	0.56	0.579	-.
1690754		.3004049				
4		.0284178	.1280073	0.22	0.825	-.
2261835		.2830191				
5		.0926548	.1073222	0.86	0.390	-.
1208046		.3061143				
6		.1044312	.1435224	0.73	0.469	-.
1810292		.3898916				
7		.239801	.1236092	1.94	0.056	-.
0060526		.4856547				
8		.0664445	.144558	0.46	0.647	-.
2210756		.3539645				
9		-.0452725	.1310213	-0.35	0.731	-.
3058687		.2153237				
f3_r2four_A01		.1940901	.1083419	1.79	0.077	-.
0213977		.4095778				
_cons		-.1954321	.173025	-1.13	0.262	-.

5395719 .1487076

Vowel--le\_EH1

Source	SS	df	MS	Number of obs =
Model	4.85572431	3	1.61857477	F( 3, 95) =
Residual	4.68313718	95	.049296181	Prob > F =
Total	9.5388615	98	.097335321	R-squared =

32.83  
0.0000  
0.5090  
0.4935  
= .22203

Root MSE =

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_interceptle~1	.0076554	.0206084	0.37	0.711	-.0332574 .0485683
speaker_race_b~k	.402954	.0474288	8.50	0.000	308796 .497112
f2_r2le_EH1	-.1554309	.0712138	-2.18	0.032	-.0140536 -.2968083
_cons	.1614761	.1159984	1.39	0.167	0688098 .3917621

Source	SS	df	MS	Number of obs =
Model	5.37096977	15	.358064652	F( 15, 83) =
Residual	4.16789172	83	.050215563	Prob > F =
Total	9.5388615	98	.097335321	R-squared =

7.13  
0.0000  
0.5631  
0.4841  
= .22409

Adj R-squared =  
Root MSE

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_interceptle~1   0472382 .0401692	-.0035345	.0219732	-0.16	0.873	-. .
speaker_race_b~k   3032187 .5161536	.4096862	.0535292	7.65	0.000	.
speaker_Age   0000285 .0078826	.0039556	.0019744	2.00	0.048	.
speaker_gender					
1   4398756 .4913316	.025728	.234094	0.11	0.913	-. .
2   0908101 .0989844	.0040871	.047712	0.09	0.932	-. .
speaker_ses					
0799613 .0333125	-.0233244	.0284756	-0.82	0.415	-. .
speaker_cur~sion					
2   1776966 .3128764	.0675899	.123324	0.55	0.585	-. .
3   2065517 .2706886	.0320685	.1199724	0.27	0.790	-. .
4   2231013 .2958524	.0363756	.1304586	0.28	0.781	-. .
5   160732 .2861325	.0627003	.1123362	0.56	0.578	-. .
6   2616599 .3243061	.0313231	.1473046	0.21	0.832	-. .
7   0626558 .4419217	.189633	.1268446	1.50	0.139	-. .
8   2700045 .324562	.0272788	.1494667	0.18	0.856	-. .
9   332575 .1983823	-.0670963	.1334761	-0.50	0.617	-. .
f2_r2le_EH1					
2454206 .0744709	-.0854748	.0804168	-1.06	0.291	-. .
_cons					
4148939 .4827119	.033909	.2256471	0.15	0.881	-. .

Source	SS	df	MS	Number of obs =
Model	4.85456095	3	1.61818698	F( 3, 95) =
				Prob > F =

0.0000  
 Residual | 4.68430055 95 .049308427 R-squared =  
 0.5089  
 -----+-----  
 0.4934  
 Total | 9.5388615 98 .097335321 Adj R-squared =  
 = .22206 Root MSE

-----  
 speaker\_~m\_black | Coef. Std. Err. t P>|t| [95%  
 Conf. Interval]  
 -----  
 +-----  
 f2\_slopele\_EH1 | -.1633341 .4829846 -0.34 0.736  
 -1.12218 .7955116  
 speaker\_race\_b~k | .4057794 .0459999 8.82 0.000 .  
 3144581 .4971007  
 f2\_r2le\_EH1 | -.1487936 .0795049 -1.87 0.064 -.  
 3066308 .0090435  
 \_cons | .200311 .0523889 3.82 0.000 .  
 0963058 .3043161

-----  
 Source | SS df MS Number of obs =  
 99  
 -----+-----  
 7.16  
 Model | 5.38170289 15 .358780193 F( 15, 83) =  
 0.0000 Prob > F =  
 Residual | 4.15715861 83 .050086248 R-squared =  
 0.5642  
 -----+-----  
 0.4854  
 Total | 9.5388615 98 .097335321 Adj R-squared =  
 = .2238 Root MSE

-----  
 speaker\_~m\_black | Coef. Std. Err. t P>|t| [95%  
 Conf. Interval]  
 -----  
 +-----  
 f2\_slopele\_EH1 | .2644424 .5395277 0.49 0.625 -.8086565  
 1.337541  
 speaker\_race\_b~k | .4115587 .0526254 7.82 0.000 .  
 3068888 .5162285  
 speaker\_Age | .0042291 .0020579 2.06 0.043 .  
 000136 .0083222



speaker_gender	1	.0296548	.2339432	0.13	0.899	-. .
4356488	.4949584					
speaker_gender	2	-.0006962	.048758	-0.01	0.989	-. .
0976739	.0962814					
speaker_ses		-.0249167	.0285211	-0.87	0.385	-. .
0816441	.0318106					
speaker_cur~sion	2	.0726944	.1228499	0.59	0.556	-. .
1716492	.3170379					
speaker_cur~sion	3	.0361031	.1186409	0.30	0.762	-. .
1998689	.2720752					
speaker_cur~sion	4	.0437435	.1302134	0.34	0.738	-. .
2152456	.3027327					
speaker_cur~sion	5	.0661598	.1120407	0.59	0.556	-. .
1566847	.2890042					
speaker_cur~sion	6	.0335885	.1453395	0.23	0.818	-. .
2554859	.3226628					
speaker_cur~sion	7	.1934344	.1267966	1.53	0.131	-. .
0587589	.4456278					
speaker_cur~sion	8	.025456	.1485026	0.17	0.864	-. .
2699096	.3208217					
speaker_cur~sion	9	-.0622388	.1334832	-0.47	0.642	-. .
3277315	.2032539					
f2_r2le_EH1		-.1006085	.0866224	-1.16	0.249	-. .
272897	.0716801					
_cons		.0057336	.1900628	0.03	0.976	-. .
3722936	.3837608					

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Source	SS	df	MS	Number of obs =
Model	4.57623683	3	1.52541228	F( 3, 95) =
Residual	4.96262467	95	.052238154	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

---

99  
29.20  
0.0000  
0.4797  
0.4633  
= .22856

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_interceptle~1   0416239 .0468308	.0026035	.022278	0.12	0.907	-. .
speaker_race_b~k   3367741 .5219898	.4293819	.0466479	9.20	0.000	.
f3_r2le_EH1   2063632 .1844808	-.0109412	.0984369	-0.11	0.912	-. .
_cons   3427943 .5047877	.0809967	.2134697	0.38	0.705	-. .

Source	SS	df	MS	Number of obs =
Model	5.33443397	15	.355628931	F( 15, 83) =
Residual	4.20442753	83	.050655753	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_interceptle~1   0579091 .0338066	-.0120512	.0230562	-0.52	0.603	-. .
speaker_race_b~k   3146773 .5238269	.4192521	.0525776	7.97	0.000	.
speaker_Age   001245 .0087688	.0050069	.0018914	2.65	0.010	.
speaker_gender					
1	.0196619	.2376504	0.08	0.934	-. .
2	.009877	.0482026	0.20	0.838	-. .
speaker_ses					
0797982 .0328752	-.0234615	.0283247	-0.83	0.410	-. .

speaker_cur~sion	2	.1028888	.122978	0.84	0.405	-.
1417094	.3474871					
	3	.0553941	.1212288	0.46	0.649	-.
185725	.2965133					
	4	.0453504	.1319441	0.34	0.732	-.
2170811	.307782					
	5	.0963049	.1111275	0.87	0.389	-.
1247233	.3173331					
	6	.0680657	.1452879	0.47	0.641	-.
2209061	.3570374					
	7	.2236661	.1264035	1.77	0.080	-.
0277454	.4750776					
	8	.0651849	.1496254	0.44	0.664	-.
232414	.3627838					
	9	-.0430578	.1361579	-0.32	0.753	-.
3138704	.2277549					
	f3_r2le_EH1	.0315585	.1040205	0.30	0.762	-.
1753341	.2384511					
	_cons	-.003357	.2745694	-0.01	0.990	-.
5494645	.5427505					

Source	SS	df	MS	Number of obs =
Model	4.63379949	3	1.54459983	F( 3, 95) =
Residual	4.90506201	95	.051632232	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_slopele_EH1	-.5096065	.4796786	-1.06	0.291	
speaker_race_b~k	.4364992	.0468005	9.33	0.000	
f3_r2le_EH1	.0165755	.1008198	0.16	0.870	-.

0120489	_cons	.0997313	.0441669	2.26	0.026	.
	.1874138					

Source	SS	df	MS	Number of obs =
Model	5.32580443	15	.355053628	F( 15, 83) =
Residual	4.21305707	83	.050759724	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slopele_EH1	-.1592396	.497049	-0.32	0.749	
speaker_race_b~k	.4240807	.0529199	8.01	0.000	.
speaker_Age	.0047443	.0018882	2.51	0.014	.
speaker_gender					
1	.0104598	.2376967	0.04	0.965	-.
2	.0110203	.0481965	0.23	0.820	-.
speaker_ses	-.0229156	.0283537	-0.81	0.421	-.
speaker_cur~sion					
2	.0969536	.124549	0.78	0.439	-.
3	.0512219	.1221958	0.42	0.676	-.
4	.0547484	.1306895	0.42	0.676	-.
5	.0964115	.1115369	0.86	0.390	-.
6	.0597389	.1464664	0.41	0.684	-.

2315768	.3510546					
	7	.2142952	.1280682	1.67	0.098	-.
0404273	.4690177					
	8	.0646625	.149804	0.43	0.667	-.
2332915	.3626165					
	9	-.0448817	.1366599	-0.33	0.743	-.
3166928	.2269295					
f3_r2le_EH1		.0445279	.1062659	0.42	0.676	-.
1668307	.2558865					
	_cons	-.1073865	.1782961	-0.60	0.549	-.
4620102	.2472372					

Vowel--nine\_AY1

Source	SS	df	MS	Number of obs =
99				F( 3, 95) =
31.75				Prob > F =
Model	4.77606945	3	1.59202315	R-squared =
0.0000				Adj R-squared =
Residual	4.76279205	95	.050134653	Root MSE
0.5007				
0.4849				
Total	9.5388615	98	.097335321	
= .22391				

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_interceptni~1	-.0314662	.0180023	-1.75	0.084	-.
0672052	.0042728				
speaker_race_b~k	.4134511	.045843	9.02	0.000	.
3224413	.504461				
f2_r2nine_AY1	-.1416965	.1084183	-1.31	0.194	-.
3569342	.0735411				
_cons	.3419041	.124789	2.74	0.007	.
0941666	.5896416				

Source	SS	df	MS	Number of obs =
99				F( 15, 83) =
7.25				

Model		5.40877765	15	.360585176	Prob > F	=
0.0000						
Residual		4.13008385	83	.049760046	R-squared	=
0.5670						
-----+						
0.4888					Adj R-squared	=
Total		9.5388615	98	.097335321	Root MSE	
= .22307						

-----		Coef.	Std. Err.	t	P> t	[95%
-----						-----
+-----						
speaker_~m_black		-.0221619	.0196093	-1.13	0.262	-.
Conf. Interval]						
-----						
f2_interceptni~1		-.0221619	.0196093	-1.13	0.262	-.
061164		.0168403				
speaker_race_b~k		.4083364	.0515558	7.92	0.000	.
3057939		.5108789				
speaker_Age		.0042879	.0018519	2.32	0.023	.
0006045		.0079714				
speaker_gender						
1		.0711164	.2355411	0.30	0.763	-.
3973654		.5395983				
2		.0083714	.0477943	0.18	0.861	-.
0866895		.1034323				
speaker_ses		-.0211954	.0280905	-0.75	0.453	-.
0770662		.0346754				
speaker_cur~sion						
2		.0706454	.1211921	0.58	0.562	-.
1704007		.3116916				
3		.0463378	.1184958	0.39	0.697	-.
1893456		.2820212				
4		.0229507	.131204	0.17	0.862	-.
2380087		.2839101				
5		.0719965	.1092761	0.66	0.512	-.
1453493		.2893422				
6		.0116416	.1482971	0.08	0.938	-.
2833153		.3065985				
7		.1924729	.1253378	1.54	0.128	-.
0568189		.4417648				
8		.0463359	.1459208	0.32	0.752	-.
2438946		.3365665				
9		-.0621118	.1331456	-0.47	0.642	-.
326933		.2027094				
f2_r2nine_AY1		-.1163472	.1144677	-1.02	0.312	-.

```

344019      .1113245
           _cons |      .1193963      .2215718      0.54      0.591      -.
3213011      .5600938

```

```

-----
Source |      SS      df      MS      Number of obs =
-----+-----
99
29.78
Model |      4.6228999      3      1.54096663      F( 3, 95) =
0.0000      Prob > F      =
Residual |      4.91596159      95      .051746964      R-squared      =
0.4846      Adj R-squared =
-----+-----
0.4684      Root MSE
Total |      9.5388615      98      .097335321
= .22748

```

```

-----
speaker_~m_black |      Coef.      Std. Err.      t      P>|t|      [95%
Conf. Interval]
-----+-----
f2_slopinine_AY1 |      -.0000579      .2964378      -0.00      1.000      -.
5885613      .5884455
speaker_race_b~k |      .4284154      .045793      9.36      0.000      .
3375048      .519326
f2_r2nine_AY1 |      -.1042164      .1308466      -0.80      0.428      -.
3639797      .1555469
_cons |      .1705761      .0786955      2.17      0.033      .
0143459      .3268064

```

```

-----
Source |      SS      df      MS      Number of obs =
-----+-----
99
7.07
Model |      5.35124545      15      .356749697      F( 15, 83) =
0.0000      Prob > F      =
Residual |      4.18761605      83      .050453205      R-squared      =
0.5610      Adj R-squared =
-----+-----
0.4817      Root MSE
Total |      9.5388615      98      .097335321
= .22462

```

----- speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
-----					
f2_sloopenine_AY1   7547345 .5312891	-.1117227	.3232905	-0.35	0.731	-. .
speaker_race_b~k   3163781 .5208665	.4186223	.0514059	8.14	0.000	.
speaker_Age   0011943 .0085747	.0048845	.0018553	2.63	0.010	.
speaker_gender   1	.0403976	.2363933	0.17	0.865	-. .
4297793 .5105745 2	.0056534	.0482682	0.12	0.907	-. .
0903502 .1016569					
speaker_ses   0782736 .0344213	-.0219262	.0283301	-0.77	0.441	-. .
speaker_cur~sion   2	.0945539	.1217373	0.78	0.440	-. .
1475768 .3366845 3	.0552889	.1190262	0.46	0.643	-. .
1814495 .2920273 4	.0540503	.1298961	0.42	0.678	-. .
2043077 .3124083 5	.0869829	.1091488	0.80	0.428	-. .
1301097 .3040755 6	.064349	.1461028	0.44	0.661	-. .
2262436 .3549416 7	.2152762	.1252072	1.72	0.089	-. .
0337559 .4643083 8	.0482939	.1470116	0.33	0.743	-. .
2441062 .340694 9	-.0390522	.1343705	-0.29	0.772	-. .
3063097 .2282052					
f2_r2nine_AY1   3373306 .217693	-.0598188	.1395261	-0.43	0.669	-. .
3969189 _cons   .3209757	-.0379716	.1804699	-0.21	0.834	-. .

-----	Source	SS	df	MS	Number of obs =
99					F( 3, 95) =
29.57					



Model		4.60584109	3	1.53528036	Prob > F	=
0.0000						
Residual		4.93302041	95	.051926531	R-squared	=
0.4829						
-----+						
0.4665					Adj R-squared	=
Total		9.5388615	98	.097335321	Root MSE	
= .22787						

speaker_~m_black		Coef.	Std. Err.	t	P> t	[95%
Conf. Interval]						
-----+						
f3_interceptni~1		-.0146583	.0189794	-0.77	0.442	-.0523372 .0230207
speaker_race_b~k		.4237057	.0470552	9.00	0.000	.3302894 .5171221
f3_r2nine_AY1		-.0332729	.0972342	-0.34	0.733	-.2263073 .1597615
_cons		.2401612	.1851009	1.30	0.198	-.1273106 .6076331

Source		SS	df	MS	Number of obs	=
99						
-----+						
7.08					F( 15, 83)	=
Model		5.35439746	15	.35695983	Prob > F	=
0.0000						
Residual		4.18446404	83	.050415229	R-squared	=
0.5613						
-----+						
0.4820					Adj R-squared	=
Total		9.5388615	98	.097335321	Root MSE	
= .22453						

speaker_~m_black		Coef.	Std. Err.	t	P> t	[95%
Conf. Interval]						
-----+						
f3_interceptni~1		-.0180021	.0202192	-0.89	0.376	-.0582172 .022213
speaker_race_b~k		.4101019	.0526203	7.79	0.000	.3054422 .5147615
speaker_Age		.0048926	.0018504	2.64	0.010	.

0012123	.0085729					
speaker_gender						
1		.0554359	.2386609	0.23	0.817	-.
4192509	.5301228					
2		.0015258	.0505885	0.03	0.976	-.
0990928	.1021444					
speaker_ses						
0827885	.0317984	-.025495	.0288057	-0.89	0.379	-.
speaker_cur~sion						
2		.0862703	.1211529	0.71	0.478	-.
154698	.3272387					
3		.0434878	.1201063	0.36	0.718	-.
1953989	.2823745					
4		.0332907	.1311477	0.25	0.800	-.
2275568	.2941383					
5		.0826066	.1105355	0.75	0.457	-.
1372441	.3024573					
6		.0435084	.1452194	0.30	0.765	-.
2453272	.332344					
7		.2069318	.125482	1.65	0.103	-.
0426469	.4565105					
8		.0540101	.1478611	0.37	0.716	-.
2400797	.3480999					
9		-.0479546	.1334458	-0.36	0.720	-.
3133728	.2174637					
f3_r2nine_AY1						
241051	.1731439	-.0339535	.1041235	-0.33	0.745	-.
_cons		.0891897	.2594985	0.34	0.732	-.
4269425	.6053218					

---

Source	SS	df	MS	Number of obs =
Model	4.57516468	3	1.52505489	F( 3, 95) =
Residual	4.96369682	95	.05224944	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

---

speaker ~ m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slophenine_AY1   711531 .7677037	.0280863	.3725561	0.08	0.940	-. .
speaker_race_b~k   3351251 .5226709	.428898	.0472348	9.08	0.000	.
f3_r2nine_AY1   2422162 .2202702	-.010973	.1164806	-0.09	0.925	-. .
_cons   0122804 .2215956	.1046576	.0589034	1.78	0.079	-. .

Source	SS	df	MS	Number of obs =
Model	5.31498051	15	.354332034	F( 15, 83) =
Residual	4.22388098	83	.050890132	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker ~ m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slophenine_AY1   7336385 .814424	.0403928	.3891639	0.10	0.918	-. .
speaker_race_b~k   3098564 .5226714	.4162639	.0534991	7.78	0.000	.
speaker_Age   0010009 .0083345	.0046677	.0018436	2.53	0.013	.
speaker_gender   1	.030503	.2399779	0.13	0.899	-. .
2	.0087248	.0509145	0.17	0.864	-. .
speaker_ses   0805373 .034693	-.0229222	.0289675	-0.79	0.431	-. .

Speaker ID	Curvion	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
1479363	2	.0938092	.1215437	0.77	0.442	-. .
1943566	3	.0456183	.1206535	0.38	0.706	-. .
2103032	4	.0495237	.1306346	0.38	0.706	-. .
1283346	5	.0916802	.110618	0.83	0.410	-. .
2296465	6	.0585521	.1448992	0.40	0.687	-. .
0343729	7	.2156906	.1257258	1.72	0.090	-. .
2413721	8	.054108	.1485601	0.36	0.717	-. .
3185956	9	-.0520318	.1340217	-0.39	0.699	-. .
2589833	f3_r2nine_AY1	-.0150115	.122663	-0.12	0.903	-. .
4269838	_cons	-.0823118	.1732926	-0.47	0.636	-. .

Vowel--one\_AH1

Source	SS	df	MS	Number of obs =
Model	4.62747636	3	1.54249212	F( 3, 95) =
Residual	4.91138514	95	.051698791	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE = .22737

Variable	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_intercepton~1	.0012356	.0201433	0.06	0.951	-. .
speaker_race_b~k	.4222997	.0470116	8.98	0.000	.

f2_r2one_AH1	-.0778757	.08799	-0.89	0.378	-. 2525579
.0968065					
_cons	.1578148	.0999457	1.58	0.118	-. 0406024
.356232					

Source	SS	df	MS	Number of obs =
Model	5.39753735	15	.359835823	F( 15, 83) =
Residual	4.14132415	83	.049895472	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_intercepton~1	-.0122262	.0206609	-0.59	0.556	-. 0533199
.0288676					
speaker_race_b~k	.4133796	.0530945	7.79	0.000	. 3077768
.5189824					
speaker_Age	.0048853	.0018585	2.63	0.010	. 0011889
.0085818					
speaker_gender					
1	.059783	.2348858	0.25	0.800	-. 4073954
.5269613					
2	.018174	.0480026	0.38	0.706	-. 0773013
.1136492					
speaker_ses	-.0326143	.029094	-1.12	0.266	-. 090481
.0252525					
speaker_cur~sion					
2	.1169788	.1212302	0.96	0.337	-. 1241432
.3581009					
3	.0668626	.1188227	0.56	0.575	-. 169471
.3031961					
4	.0699052	.1300992	0.54	0.592	-. 1888569
.3286672					
5	.1077329	.1089605	0.99	0.326	-. 1888569

1089853	.324451					
	6	.0681314	.1435809	0.47	0.636	-.
2174453	.3537081					
	7	.2352433	.1253155	1.88	0.064	-.
0140041	.4844907					
	8	.0790881	.1470913	0.54	0.592	-.
2134706	.3716468					
	9	-.0241454	.1340807	-0.18	0.858	-.
2908266	.2425358					
f2_r2one_AH1		-.121289	.0938796	-1.29	0.200	-.
3080118	.0654338					
	_cons	.0292342	.1868289	0.16	0.876	-.
342361	.4008294					

Source	SS	df	MS	Number of obs =
99				F( 3, 95) =
30.12				Prob > F =
Model	4.65011081	3	1.55003694	R-squared =
0.0000				Adj R-squared =
Residual	4.88875069	95	.051460534	Root MSE
0.4875				
0.4713				
Total	9.5388615	98	.097335321	
= .22685				

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_slopeone_AH1	.217933	.3272027	0.67	0.507	-.
4316464	.8675125				
speaker_race_b~k	.4229308	.0461431	9.17	0.000	.
3313251	.5145365				
f2_r2one_AH1	-.1405594	.1204412	-1.17	0.246	-.
3796654	.0985466				
_cons	.1604767	.0682385	2.35	0.021	.
0250061	.2959474				

Source	SS	df	MS	Number of obs =
99				F( 15, 83) =

```

7.23
Model | 5.40440474 15 .360293649 Prob > F =
0.0000
Residual | 4.13445676 83 .049812732 R-squared =
0.5666
-----+-----
0.4882 Adj R-squared =
Total | 9.5388615 98 .097335321 Root MSE
= .22319

```

```

-----
speaker_~m_black | Coef. Std. Err. t P>|t| [95%
Conf. Interval]
-----+-----
f2_slopeone_AH1 | .2393084 .3423525 0.70 0.486 -.
4416169 .9202337
speaker_race_b~k | .4098552 .0520658 7.87 0.000 .
3062984 .5134121
speaker_Age | .0048844 .0018422 2.65 0.010 .
0012203 .0085486
speaker_gender |
1 | .0731426 .2361876 0.31 0.758 -.
3966251 .5429103
2 | .012842 .0485558 0.26 0.792 -.
0837334 .1094175
speaker_ses | -.0307007 .0289446 -1.06 0.292 -.
0882704 .0268691
speaker_cur~sion |
2 | .1164796 .120957 0.96 0.338 -.
124099 .3570581
3 | .0660931 .1186529 0.56 0.579 -.
1699027 .302089
4 | .0712389 .129952 0.55 0.585 -.
1872303 .3297081
5 | .1034624 .1087287 0.95 0.344 -.
1127947 .3197194
6 | .0720895 .1433912 0.50 0.616 -.
2131099 .3572888
7 | .227301 .1255075 1.81 0.074 -.
0223283 .4769303
8 | .0796011 .1468896 0.54 0.589 -.
2125563 .3717586
9 | -.0246089 .1339407 -0.18 0.855 -.
2910116 .2417938
|

```

f2_r2one_AH1		-.1614877	.1246313	-1.30	0.199	-.
4093744		.086399				
_cons		-.0212559	.1784251	-0.12	0.905	-.
3761362		.3336244				

Source	SS	df	MS	Number of obs =
Model	5.11858933	3	1.70619644	F( 3, 95) =
Residual	4.42027216	95	.046529181	Prob > F =
Total	9.5388615	98	.097335321	R-squared =

36.67  
 0.0000  
 0.5366  
 0.5220  
 = .21571  
 Adj R-squared =  
 Root MSE

speaker_m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_intercepton~1	-.0019422	.0164253	-0.12	0.906	-.
0345505	.030666				
speaker_race_b~k	.4368397	.0439229	9.95	0.000	.
3496416	.5240377				
f3_r2one_AH1	-.2820207	.0841777	-3.35	0.001	-.4491345
-.1149068					
_cons	.1931589	.1604854	1.20	0.232	-.
1254449	.5117626				

Source	SS	df	MS	Number of obs =
Model	5.73482683	15	.382321789	F( 15, 83) =
Residual	3.80403467	83	.045831743	Prob > F =
Total	9.5388615	98	.097335321	R-squared =

8.34  
 0.0000  
 0.6012  
 0.5291  
 = .21408  
 Adj R-squared =  
 Root MSE



----- ----- -----	Coef.	Std. Err.	t	P> t	[95%
speaker_~m_black   Conf. Interval]					
----- ----- -----					
f3_intercepton~1   0278061 .0430889	.0076414	.0178221	0.43	0.669	-. .
speaker_race_b~k   3228713 .5186812	.4207762	.0492242	8.55	0.000	.
speaker_Age   0004651 .0074294	.0039472	.0017508	2.25	0.027	.
speaker_gender					
1 3618108 .5322933	.0852413	.2247668	0.38	0.705	-. .
2 1008664 .084356	-.0082552	.0465626	-0.18	0.860	-. .
speaker_ses					
0773481 .0311731	-.0230875	.0272809	-0.85	0.400	-. .
speaker_cur~sion					
2 1206628 .3389819	.1091596	.115549	0.94	0.348	-. .
3 2035226 .2470859	.0217816	.1132774	0.19	0.848	-. .
4 2380632 .2573742	.0096555	.1245469	0.08	0.938	-. .
5 1163298 .2979006	.0907854	.1041324	0.87	0.386	-. .
6 1771166 .3740262	.0984548	.1385505	0.71	0.479	-. .
7 0477991 .4321765	.1921887	.12066	1.59	0.115	-. .
8 2442244 .3131163	.0344459	.1401086	0.25	0.806	-. .
9 2983289 .2086885	-.0448202	.1274579	-0.35	0.726	-. .
f3_r2one_AH1   -.0741461	-.2515708	.0892048	-2.82	0.006	-.4289954
_cons   5337164 .441552	-.0460822	.2451705	-0.19	0.851	-. .

----- ----- -----	Source	SS	df	MS	Number of obs =
99					F( 3, 95) =

```

36.81
Model | 5.12747491 3 1.7091583 Prob > F =
0.0000
Residual | 4.41138658 95 .046435648 R-squared =
0.5375
-----+-----
0.5229 Adj R-squared =
Total | 9.5388615 98 .097335321 Root MSE
= .21549

```

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-----
speaker_~m_black | Coef. Std. Err. t P>|t| [95%
Conf. Interval]
-----+-----
f3_slopeone_AH1 | .1244811 .2746898 0.45 0.651 -.
4208471 .6698092
speaker_race_b~k | .4361005 .0435054 10.02 0.000 .
3497314 .5224697
f3_r2one_AH1 | -.2961725 .0894894 -3.31 0.001 -.4738314
-.1185136
_cons | .1759524 .0375715 4.68 0.000 .
1013636 .2505413
-----

```

```

Source | SS df MS Number of obs =
99
-----+-----
8.34 F( 15, 83) =
Model | 5.73410524 15 .382273683 Prob > F =
0.0000
Residual | 3.80475626 83 .045840437 R-squared =
0.6011
-----+-----
0.5290 Adj R-squared =
Total | 9.5388615 98 .097335321 Root MSE
= .2141

```

```

-----
speaker_~m_black | Coef. Std. Err. t P>|t| [95%
Conf. Interval]
-----+-----
f3_slopeone_AH1 | -.1200676 .2928839 -0.41 0.683 -.
7026019 .4624666
speaker_race_b~k | .4190623 .0489144 8.57 0.000 .
3217734 .5163511

```

speaker_Age		.0041004	.0017625	2.33	0.022	.
0005949	.007606					
speaker_gender						
1		.0897257	.2257888	0.40	0.692	-.
3593592	.5388106					
2		-.0073053	.0471201	-0.16	0.877	-.
1010253	.0864148					
speaker_ses		-.0242311	.0269952	-0.90	0.372	-.
0779235	.0294613					
speaker_cur~sion						
2		.1072534	.1152491	0.93	0.355	-.
1219724	.3364793					
3		.020988	.1132658	0.19	0.853	-.
2042931	.246269					
4		.0113189	.1243421	0.09	0.928	-.
2359926	.2586304					
5		.0892566	.1039477	0.86	0.393	-.
1174912	.2960043					
6		.0944436	.1378093	0.69	0.495	-.
1796536	.3685409					
7		.1935465	.1213124	1.60	0.114	-.
0477391	.4348321					
8		.0374027	.1405115	0.27	0.791	-.
2420691	.3168744					
9		-.0404823	.1268411	-0.32	0.750	-.
292764	.2117995					
f3_r2one_AH1		-.2428831	.0967325	-2.51	0.014	-.4352801
-.050486						
_cons		.0220968	.1628537	0.14	0.892	-.
3018127	.3460064					

Vowel--se\_EH1

Source	SS	df	MS	Number of obs =
Model	4.61152803	3	1.53717601	F( 3, 95) =
Residual	4.92733347	95	.051866668	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

99  
29.64  
0.0000  
0.4834  
0.4671  
= .22774

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_interceptse~1   0339143 .0692788	.0176823	.0259899	0.68	0.498	-. .
speaker_race_b~k   337537 .5198419	.4286894	.0459148	9.34	0.000	.
f2_r2se_EH1   1579878 .1877044	.0148583	.0870651	0.17	0.865	-. .
_cons   3303775 .2957979	-.0172898	.1577069	-0.11	0.913	-. .

Source	SS	df	MS	Number of obs =
Model	5.3190453	15	.35460302	F( 15, 83) =
Residual	4.21981619	83	.050841159	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_interceptse~1   054781 .0602043	.0027116	.0289059	0.09	0.925	-. .
speaker_race_b~k   3141331 .5200794	.4171062	.0517724	8.06	0.000	.
speaker_Age   0008648 .008301	.0045829	.0018694	2.45	0.016	.
speaker_gender 1	.0319727	.2372906	0.13	0.893	-. .
2	.0098412	.0480025	0.21	0.838	-. .

0801978	speaker_ses	-.023393	.0285601	-0.82	0.415	-.
1563573	speaker_cur~sion	.0905904	.1241592	0.73	0.468	-.
2072037	2	.0421436	.1253657	0.34	0.738	-.
221721	3	.0493259	.1362757	0.36	0.718	-.
1366613	4	.0894458	.1136811	0.79	0.434	-.
2490102	5	.0579304	.1543222	0.38	0.708	-.
0358563	6	.2142931	.1257689	1.70	0.092	-.
2543622	7	.0482156	.1521287	0.32	0.752	-.
3175826	8	-.0511141	.1339738	-0.38	0.704	-.
1719639	9	.0208277	.0969308	0.21	0.830	-.
5669086	f2_r2se_EH1	-.1055736	.2319479	-0.46	0.650	-.
	_cons					

Source	SS	df	MS	Number of obs =
Model	4.59899787	3	1.53299929	F( 3, 95) =
Residual	4.93986363	95	.051998565	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

99  
29.48  
0.0000  
0.4821  
0.4658  
= .22803

Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_slopese_EH1	-.2183894	.4648343	-0.47	0.640
speaker_race_b~k	.4305394	.0458725	9.39	0.000

3394709	.5216079					
f2_r2se_EH1		.019861	.0895892	0.22	0.825	-.
157996	.197718					
_cons		.0851641	.0462894	1.84	0.069	-.
0067319	.1770601					

Source	SS	df	MS	Number of obs =
Model	5.33159772	15	.355439848	F( 15, 83) =
Residual	4.20726378	83	.050689925	Prob > F =
Total	9.5388615	98	.097335321	R-squared =

7.01  
 0.0000  
 0.5589  
 0.4792  
 = .22514  
 Adj R-squared =  
 Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopese_EH1	.2560152	.5055428	0.51	0.614	-.7494892
1.26152					
speaker_race_b~k	.4211594	.0519032	8.11	0.000	.
317926 .5243927					
speaker_Age	.004926	.0019429	2.54	0.013	.
0010617 .0087904					
speaker_gender					
1	.0344808	.2367844	0.15	0.885	-.
4364739 .5054355					
2	.0117292	.048013	0.24	0.808	-.
0837667 .1072252					
speaker_ses	-.0220417	.0284012	-0.78	0.440	-.
0785305 .0344472					
speaker_cur~sion					
2	.0938748	.1230664	0.76	0.448	-.
1508992 .3386488					
3	.0430708	.12178	0.35	0.724	-.
1991447 .2852862					
4	.047233	.1310697	0.36	0.719	-.
2134593 .3079254					

1340228	5		.0863958	.110821	0.78	0.438	-.
	.3068144						
2535006	6		.040723	.1479284	0.28	0.784	-.
	.3349466						
032564	7		.2170034	.1254763	1.73	0.087	-.
	.4665708						
2475151	8		.0528645	.1510235	0.35	0.727	-.
	.3532441						
3193019	9		-.0540851	.1333445	-0.41	0.686	-.
	.2111316						
	f2_r2se_EH1		.045921	.0942465	0.49	0.627	-.
1415315	.2333734						
	_cons		-.1078369	.1671158	-0.65	0.521	-.
4402235	.2245496						

Source	SS	df	MS	Number of obs =
99				F( 3, 95) =
32.03				Prob > F =
Model	4.79646012	3	1.59882004	R-squared =
0.0000				Adj R-squared =
Residual	4.74240138	95	.049920014	Root MSE
0.5028				
0.4871				
Total	9.5388615	98	.097335321	
= .22343				

	Coef.	Std. Err.	t	P> t	[95%
speaker_~m_black					
Conf. Interval]					
f3_interceptse~1	.0294972	.0219327	1.34	0.182	-.
0140447	.0730391				
speaker_race_b~k	.4267839	.0451581	9.45	0.000	.
3371338	.5164341				
f3_r2se_EH1	.0998942	.0861081	1.16	0.249	-.
0710519	.2708404				
_cons	-.2141674	.2069609	-1.03	0.303	-.
6250369	.196702				

Source	SS	df	MS	Number of obs =
99				

7.36					F( 15, 83) =
0.0000	Model	5.44579052	15	.363052701	Prob > F =
0.5709	Residual	4.09307098	83	.049314108	R-squared =
0.4934					Adj R-squared =
= .22207	Total	9.5388615	98	.097335321	Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_interceptse~1 0275979 .066549	.0194756	.0236674	0.82	0.413	-. .
speaker_race_b~k 3079154 .51127	.4095927	.0511208	8.01	0.000	.
speaker_Age 0003052 .0077317	.0040185	.0018669	2.15	0.034	.
speaker_gender 1	.0615194	.2334129	0.26	0.793	-. .
4027294 .5257682 2	.0148198	.0472995	0.31	0.755	-. .
0792571 .1088966					
speaker_ses 0780403 .0332129	-.0224137	.0279677	-0.80	0.425	-. .
speaker_cur~sion 2	.0700755	.1205017	0.58	0.562	-. .
1695976 .3097486 3	.0236898	.1192366	0.20	0.843	-. .
213467 .2608466 4	.0321399	.1297386	0.25	0.805	-. .
2259049 .2901848 5	.0758814	.1092342	0.69	0.489	-. .
141381 .2931439 6	.057321	.1431801	0.40	0.690	-. .
2274585 .3421004 7	.1904886	.1243864	1.53	0.129	-. .
0569109 .4378881 8	.0184374	.1468823	0.13	0.900	-. .
2737056 .3105804 9	-.0844307	.1329878	-0.63	0.527	-. .
3489381 .1800766					



f3_r2se_EH1		.0991137	.0881302	1.12	0.264	-.
0761737	.2744011					
_cons		-.2631833	.2590055	-1.02	0.313	-.
7783348	.2519683					

Source	SS	df	MS	Number of obs =
Model	4.77230375	3	1.59076792	F( 3, 95) =
Residual	4.76655775	95	.050174292	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slopese_EH1	-.5766458	.5022617	-1.15	0.254	
speaker_race_b~k	.4261561	.045266	9.41	0.000	.
f3_r2se_EH1	.0820864	.0940065	0.87	0.385	-.
_cons	.0578802	.0416398	1.39	0.168	-.

Source	SS	df	MS	Number of obs =
Model	5.41924624	15	.361283083	F( 15, 83) =
Residual	4.11961526	83	.049633919	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slopes_EH1   -1.283632 .8796254	-.2020034	.5438163	-0.37	0.711	
speaker_race_b~k   3055738 .5099215	.4077477	.0513705	7.94	0.000	.
speaker_Age   0003382 .0079922	.0041652	.0019241	2.16	0.033	.
speaker_gender					
1   4080053 .5242279	.0581113	.2343519	0.25	0.805	-.
2   0858741 .1030868	.0086063	.0475024	0.18	0.857	-.
speaker_ses   0785426 .0334676	-.0225375	.028158	-0.80	0.426	-.
speaker_cur~sion					
2   17696 .3077361	.065388	.1218466	0.54	0.593	-.
3   2242639 .2520888	.0139124	.1197492	0.12	0.908	-.
4   2371131 .2808391	.021863	.1302068	0.17	0.867	-.
5   1482474 .2865922	.0691724	.1093133	0.63	0.529	-.
6   2369138 .332284	.0476851	.1430893	0.33	0.740	-.
7   0573017 .4407056	.191702	.1251929	1.53	0.130	-.
8   2792303 .313154	.0169619	.1489181	0.11	0.910	-.
9   3433947 .1863632	-.0785157	.1331746	-0.59	0.557	-.
f3_r2se_EH1   0877652 .2935285	.1028817	.0958525	1.07	0.286	-.
_cons   413183 .252554	-.0803145	.1673581	-0.48	0.633	-.

Vowel--six\_IH1

Source | SS df MS Number of obs =

98

-----+			
28.72			
Model		4.51258191	3 1.50419397
0.0000			
Residual		4.92362189	94 .052378956
0.4782			
-----+			
0.4616			
Total		9.4362038	97 .097280452
= .22886			

F( 3, 94) =  
 Prob > F =  
 R-squared =  
 Adj R-squared =  
 Root MSE

-----						
speaker_~m_black		Coef.	Std. Err.	t	P> t	[95%
Conf. Interval]						
-----						
f2_interceptsi~1		.008149	.0166997	0.49	0.627	-. 0250087 .0413066
speaker_race_b~k		.4270682	.0464015	9.20	0.000	.
3349369		.5191996				
f2_r2six_IH1		.045906	.0751723	0.61	0.543	-. 1033504 .1951624
_cons		.0177268	.1403786	0.13	0.900	-. 2609982 .2964519

-----			
98			
6.82			
Model		5.23846459	15 .349230973
0.0000			
Residual		4.19773921	82 .051191942
0.5551			
-----+			
0.4738			
Total		9.4362038	97 .097280452
= .22626			

Number of obs =  
 F( 15, 82) =  
 Prob > F =  
 R-squared =  
 Adj R-squared =  
 Root MSE

-----						
speaker_~m_black		Coef.	Std. Err.	t	P> t	[95%
Conf. Interval]						
-----						
f2_interceptsi~1		-.0043846	.0179297	-0.24	0.807	-. 0400525 .0312832

speaker_race_b~k		.4165994	.0520039	8.01	0.000	.
3131471		.5200518				
speaker_Age		.0046917	.0018589	2.52	0.014	.
0009938		.0083896				
speaker_gender						
1		.0143736	.2376257	0.06	0.952	-.
4583396		.4870869				
2		.0049477	.0499581	0.10	0.921	-.
0944348		.1043301				
speaker_ses		-.0203925	.0292565	-0.70	0.488	-.
0785931		.037808				
speaker_cur~sion						
2		.092362	.122164	0.76	0.452	-.
150661		.3353851				
3		.0394808	.1202176	0.33	0.743	-.
1996703		.278632				
4		.0344662	.1345123	0.26	0.798	-.
2331216		.302054				
5		.0884173	.111421	0.79	0.430	-.
1332345		.3100691				
6		.071471	.1464469	0.49	0.627	-.
2198585		.3628005				
7		.2205069	.126072	1.75	0.084	-.
0302905		.4713042				
8		.0504357	.1483315	0.34	0.735	-.
2446429		.3455143				
9		-.0510383	.1352961	-0.38	0.707	-.
3201854		.2181087				
f2_r2six_IH1		.0510895	.0793609	0.64	0.522	-.
1067846		.2089636				
_cons		-.0806162	.2193144	-0.37	0.714	-.
5169024		.35567				

Source	SS	df	MS	Number of obs =
Model	4.51215001	3	1.50405	F( 3, 94) =
Residual	4.92405379	94	.052383551	Prob > F =
Total	9.4362038	97	.097280452	R-squared =
				Adj R-squared =
				Root MSE

= .22887

---

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopesix_IH1   7457602 .4556626	-.1450488	.3025456	-0.48	0.633	-. .
speaker_race_b~k   3372698 .5210688	.4291693	.0462848	9.27	0.000	. .
f2_r2six_IH1   1023448 .2169293	.0572923	.0804005	0.71	0.478	-. .
_cons   0169766 .1842986	.083661	.0506857	1.65	0.102	-. .

---

Source	SS	df	MS	Number of obs =
Model	5.24682353	15	.349788235	F( 15, 82) =
Residual	4.18938027	82	.051090003	Prob > F =
Total	9.4362038	97	.097280452	R-squared =
				Adj R-squared =
				Root MSE

= .22603

---

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopesix_IH1   4873194 .7911745	.1519275	.3213397	0.47	0.638	-. .
speaker_race_b~k   3121858 .5189056	.4155457	.0519574	8.00	0.000	. .
speaker_Age   0010709 .0085487	.0048098	.0018795	2.56	0.012	. .
speaker_gender					
1	.019424	.2376443	0.08	0.935	-. .
4533262 .4921743					
2	.0049545	.0490514	0.10	0.920	-. .
0926244 .1025334					

0782592	speaker_ses	-.020103	.0292342	-0.69	0.494	-.0380531
1431065	speaker_cur~sion	.0991874	.1217974	0.81	0.418	2
1908742		.0474894	.1198218	0.40	0.693	3
2246996		.0369839	.1315443	0.28	0.779	4
1253072		.0934877	.1099848	0.85	0.398	5
2121992		.0805148	.1471429	0.55	0.586	6
0260552		.2257237	.1265654	1.78	0.078	7
2393624		.0545901	.1477655	0.37	0.713	8
319713		-.0521716	.1344889	-0.39	0.699	9
1301019	f2_r2six_IH1	.0380707	.0845378	0.45	0.654	.2062432
4677529	_cons	-.1278442	.1708669	-0.75	0.456	.2120645

Source	SS	df	MS	Number of obs =
Model	4.63569194	3	1.54523065	F( 3, 94) =
Residual	4.80051186	94	.051069275	Prob > F =
Total	9.4362038	97	.097280452	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_interceptsi~1	.0285487	.0166387	1.72	0.089	-.004488 .0615853

speaker_race_b~k	.4263925	.0457317	9.32	0.000	.
3355912	.5171938				
f3_r2six_IH1	.0494002	.0993502	0.50	0.620	-.
1478618	.2466623				
_cons	-.2086038	.1833484	-1.14	0.258	-.
5726463	.1554388				

Source	SS	df	MS	Number of obs =
98				F( 15, 82) =
6.86				Prob > F =
Model	5.25023775	15	.35001585	R-squared =
0.0000				Adj R-squared =
Residual	4.18596605	82	.051048366	Root MSE
0.5564				
0.4752				
Total	9.4362038	97	.097280452	
= .22594				

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95%
Conf. Interval]					
f3_interceptsi~1	.0143776	.0184047	0.78	0.437	-.
0222351	.0509904				
speaker_race_b~k	.4217568	.0524024	8.05	0.000	.
3175118	.5260018				
speaker_Age	.0044117	.0018911	2.33	0.022	.
0006497	.0081738				
speaker_gender					
1	.0336937	.2388975	0.14	0.888	-.
4415496	.508937				
2	.0074052	.0482651	0.15	0.878	-.
0886095	.1034198				
speaker_ses	-.0187091	.0294131	-0.64	0.526	-.
0772211	.039803				
speaker_cur~sion					
2	.1074238	.123442	0.87	0.387	-.
1381416	.3529893				
3	.0676734	.1236752	0.55	0.586	-.
178356	.3137028				
4	.066293	.13196	0.50	0.617	-.

1962176	.3288036					
	5	.1069642	.1109201	0.96	0.338	-.
1136912	.3276197					
	6	.0523551	.1452453	0.36	0.719	-.
2365841	.3412943					
	7	.2087754	.1266474	1.65	0.103	-.
0431666	.4607173					
	8	.057029	.148364	0.38	0.702	-.
2381144	.3521723					
	9	-.035671	.1351343	-0.26	0.792	-.
3044962	.2331542					
f3_r2six_IH1		.0502891	.1073978	0.47	0.641	-.
1633594	.2639376					
	_cons	-.2656348	.2663433	-1.00	0.322	-.
7954766	.2642069					

Source	SS	df	MS	Number of obs =
98				F( 3, 94) =
28.57				Prob > F =
Model	4.50022307	3	1.50007436	R-squared =
0.0000				Adj R-squared =
Residual	4.93598073	94	.052510433	Root MSE
0.4769				
0.4602				
Total	9.4362038	97	.097280452	
= .22915				

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_slopesix_IH1	-.1520559	.2856767	-0.53	0.596	-.
7192738	.4151619				
speaker_race_black	.4280774	.0463608	9.23	0.000	.
336027	.5201278				
f3_r2six_IH1	.0315471	.1008344	0.31	0.755	-.
1686619	.2317561				
_cons	.0969858	.0435354	2.23	0.028	.
0105453	.1834263				

Source	SS	df	MS	Number of obs =
--------	----	----	----	-----------------



98

6.77	Model	5.22098938	15	.348065959
0.0000	Residual	4.21521442	82	.051405054
0.5533	Total	9.4362038	97	.097280452
0.4716				
= .22673				

F( 15, 82) =  
 Prob > F =  
 R-squared =  
 Adj R-squared =  
 Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slopesix_IH1 5631478 .6838063	.0603292	.3134124	0.19	0.848	-. .
speaker_race_b~k 3136576 .5231408	.4183992	.052652	7.95	0.000	.
speaker_Age 001025 .0084992	.0047621	.0018786	2.53	0.013	.
speaker_gender 1 4395166 .5153202	.0379018	.2399909	0.16	0.875	-. .
2 0864166 .1060677	.0098255	.0483794	0.20	0.840	-. .
speaker_ses 0805209 .0361738	-.0221736	.0293303	-0.76	0.452	-. .
speaker_cur~sion 2 1443507 .3475324	.1015909	.1236311	0.82	0.414	-. .
3 1883332 .3023305	.0569986	.1233246	0.46	0.645	-. .
4 2151289 .3110922	.0479816	.1322617	0.36	0.718	-. .
5 124476 .3160026	.0957633	.1107109	0.86	0.390	-. .
6 2292341 .3633592	.0670625	.1489438	0.45	0.654	-. .
7 032069 .4748184	.2213747	.1274023	1.74	0.086	-. .
8 2363927 .3558104	.0597088	.1488457	0.40	0.689	-. .
9	-.0479234	.134923	-0.36	0.723	-. .

3163282	.2204815					
f3_r2six_IH1		.0326213	.1072056	0.30	0.762	-.
1806448	.2458875					
_cons		-.1077771	.1732479	-0.62	0.536	-.
4524223	.2368681					

Vowel--teen\_IY1

Source	SS	df	MS	Number of obs =
Model	4.62967651	3	1.5432255	F( 3, 94) =
Residual	4.80652729	94	.051133269	Prob > F =
Total	9.4362038	97	.097280452	R-squared =
				Adj R-squared =
				Root MSE =

speaker_m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_interce~n_IY1	.0098577	.018392	0.54	0.593	-.
speaker_race_b~k	.4379569	.0462289	9.47	0.000	.
f2_r2teen_IY1	.135519	.0832662	1.63	0.107	-.
_cons	-.0377464	.1833433	-0.21	0.837	-.

Source	SS	df	MS	Number of obs =
Model	5.31184744	15	.354123163	F( 15, 82) =
Residual	4.12435636	82	.050297029	Prob > F =
Total				R-squared =
				Adj R-squared =

Total | 9.4362038 97 .097280452 Root MSE  
 = .22427

----- ----- -----	Coef.	Std. Err.	t	P> t	[95%
speaker_~m_black   Conf. Interval]					
----- ----- -----					
f2_interce~n_IY1   0328789 .0472469	.007184	.020139	0.36	0.722	-. .
speaker_race_b~k   3232333 .5306876	.4269604	.052142	8.19	0.000	. .
speaker_Age   0006416 .0079926	.0043171	.0018476	2.34	0.022	. .
speaker_gender   1	-.0002064	.2365807	-0.00	0.999	-. .
4708407 .4704279					
2	-.0084458	.0511895	-0.16	0.869	-. .
110278 .0933863					
speaker_ses   0752874 .0408979	-.0171948	.0292023	-0.59	0.558	-. .
speaker_cur~sion   2	.1199704	.1219411	0.98	0.328	-. .
1226092 .3625501					
3	.078426	.1204481	0.65	0.517	-. .
1611836 .3180357					
4	.0692508	.1304035	0.53	0.597	-. .
1901634 .3286649					
5	.1215985	.1112668	1.09	0.278	-. .
0997466 .3429436					
6	.0846352	.145319	0.58	0.562	-. .
2044506 .373721					
7	.2357582	.1256021	1.88	0.064	-. .
0141043 .4856207					
8	.0721519	.147926	0.49	0.627	-. .
22212 .3664237					
9	-.0189051	.1347828	-0.14	0.889	-. .
2870311 .2492209					
f2_r2teen_IY1   0525142 .2938542	.12067	.0870571	1.39	0.169	-. .
_cons   7376321 .3030613	-.2172854	.2615703	-0.83	0.409	-. .
----- ----- -----					

Source	SS	df	MS	Number of obs =
Model	4.63034495	3	1.54344832	F( 3, 94) =
Residual	4.80585885	94	.051126158	Prob > F =
Total	9.4362038	97	.097280452	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopeteen_IY1	-.1260237	.2299379	-0.55	0.585	-. .
speaker_race_b~k	.4343977	.0459288	9.46	0.000	. .
f2_r2teen_IY1	.1290589	.0836758	1.54	0.126	-. .
_cons	.0618522	.0440395	1.40	0.163	-. .

Source	SS	df	MS	Number of obs =
Model	5.31706151	15	.354470767	F( 15, 82) =
Residual	4.11914229	82	.050233443	Prob > F =
Total	9.4362038	97	.097280452	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopeteen_IY1	-.1195748	.2486791	-0.48	0.632	-. .

6142768	.3751272					
speaker_race_b~k		.4244022	.0518345	8.19	0.000	.
3212869	.5275175					
speaker_Age		.0043734	.0018393	2.38	0.020	.
0007144	.0080323					
speaker_gender						
1		-.0049363	.2366765	-0.02	0.983	-.
4757613	.4658887					
2		-.0115519	.0518721	-0.22	0.824	-.
1147421	.0916382					
speaker_ses		-.0179493	.0290341	-0.62	0.538	-.
0757075	.0398089					
speaker_cur~sion						
2		.1148316	.1219569	0.94	0.349	-.
1277796	.3574428					
3		.0715301	.1205867	0.59	0.555	-.
1683551	.3114154					
4		.0628577	.1301695	0.48	0.630	-.
196091	.3218063					
5		.1140978	.1103292	1.03	0.304	-.
1053821	.3335776					
6		.0774116	.14438	0.54	0.593	-.
2098062	.3646294					
7		.2282636	.1262712	1.81	0.074	-.
02293	.4794572					
8		.0603454	.1470948	0.41	0.683	-.
2322729	.3529638					
9		-.024037	.1345254	-0.18	0.859	-.
2916509	.2435769					
f2_r2teen_IY1		.1149286	.086504	1.33	0.188	-.
0571555	.2870127					
_cons		-.1357706	.1692159	-0.80	0.425	-.
472395	.2008538					

Source	SS	df	MS	Number of obs =
Model	4.64145446	3	1.54715149	F( 3, 94) =
Residual	4.79474934	94	.051007972	Prob > F =
				R-squared =
				Adj R-squared =

Total | 9.4362038 97 .097280452 Root MSE  
 = .22585

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_interce~n_IY1   0050744 .0733861	.0341559	.0197582	1.73	0.087	-. .
speaker_race_b~k   3384108 .5196693	.4290401	.045645	9.40	0.000	. .
f3_r2teen_IY1   1208162 .2313726	.0552782	.0886892	0.62	0.535	-. .
_cons   7437325 .1597464	-.291993	.2275165	-1.28	0.203	-. .

Source	SS	df	MS	Number of obs =
Model	5.31999005	15	.354666003	98
Residual	4.11621375	82	.050197729	7.07
Total	9.4362038	97	.097280452	F( 15, 82) =

Prob > F =  
 R-squared =  
 Adj R-squared =  
 Root MSE = .22405

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_interce~n_IY1   0141146 .0678412	.0268633	.020599	1.30	0.196	-. .
speaker_race_b~k   3165474 .5213812	.4189643	.0514834	8.14	0.000	. .
speaker_Age   0005644 .0079293	.0042468	.0018511	2.29	0.024	. .
speaker_gender					
1	-.0436206	.2391276	-0.18	0.856	-. .
2	-.0000584	.0487377	-0.00	0.999	-. .

0970132	.0968964					
speaker_ses		-.0142974	.0295729	-0.48	0.630	-.
0731273	.0445324					
speaker_cur~sion						
2		.1170844	.1242058	0.94	0.349	-.
1300005	.3641693					
3		.0742518	.1218157	0.61	0.544	-.
1680784	.3165819					
4		.0616549	.1297914	0.48	0.636	-.
1965415	.3198512					
5		.1220661	.1130773	1.08	0.284	-.
1028807	.3470129					
6		.0857441	.148238	0.58	0.565	-.
2091484	.3806367					
7		.2477838	.1305528	1.90	0.061	-.
0119273	.5074949					
8		.0896448	.1513617	0.59	0.555	-.
2114619	.3907515					
9		-.0108866	.1378468	-0.08	0.937	-.
2851078	.2633345					
f3_r2teen_IY1		.0867714	.0979231	0.89	0.378	-.
1080289	.2815717					
_cons		-.4403231	.2932727	-1.50	0.137	
-1.023736	.1430897					

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Source	SS	df	MS	Number of obs =
Model	4.58724209	3	1.5290807	F( 3, 94) =
Residual	4.84896172	94	.051584699	Prob > F =
Total	9.4362038	97	.097280452	R-squared =
				Adj R-squared =
				Root MSE

98  
29.64  
0.0000  
0.4861  
0.4697  
= .22712

---

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_slopeteen_IY1	-.4342506	.3147035	-1.38	0.171	

-1.059102	.1906006					
speaker_race_b~k		.4293232	.0459082	9.35	0.000	.
3381714	.5204749					
f3_r2teen_IY1		.042482	.0884601	0.48	0.632	-.
1331575	.2181216					
_cons		.1070557	.042281	2.53	0.013	.
0231057	.1910056					

Source	SS	df	MS	Number of obs =
98				F( 15, 82) =
7.07				Prob > F =
Model	5.32006193	15	.354670795	R-squared =
0.0000				Adj R-squared =
Residual	4.11614187	82	.050196852	Root MSE
0.5638				
0.4840				
Total	9.4362038	97	.097280452	
= .22405				

	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
speaker_~m_black					
f3_slopeteen_IY1		-.4225377	.3238659	-1.30	0.196
-1.06681	.2217347				
speaker_race_b~k		.4185866	.0514769	8.13	0.000
3161827	.5209905				
speaker_Age		.0045555	.0018287	2.49	0.015
0009176	.0081933				
speaker_gender					
1		-.0528157	.2402235	-0.22	0.827
5306969	.4250654				
2		.0005736	.0486494	0.01	0.991
0962056	.0973528				
speaker_ses		-.0160486	.0294712	-0.54	0.588
0746761	.042579				
speaker_cur~sion					
2		.1067876	.1243044	0.86	0.393
1404934	.3540686				
3		.0522833	.1220474	0.43	0.669
1905078	.2950744				



2090133	4		.0492034	.1298016	0.38	0.706	-.
	.30742						
1116379	5		.1129269	.1128853	1.00	0.320	-.
	.3374917						
2192018	6		.075906	.1483462	0.51	0.610	-.
	.3710139						
0289165	7		.2309199	.1306158	1.77	0.081	-.
	.4907563						
2193685	8		.0813391	.1511611	0.54	0.592	-.
	.3820467						
303074	9		-.030146	.1371967	-0.22	0.827	-.
	.242782						
	f3_r2teen_IY1		.0757025	.0966792	0.78	0.436	-.
1166232	.2680281						
	_cons		-.1175034	.1788019	-0.66	0.513	-.
4731974	.2381905						

Vowel--ten\_EH1

Source	SS	df	MS	Number of obs =
99				
37.95				F( 3, 95) =
Model	5.19999608	3	1.73333203	Prob > F =
0.0000				R-squared =
Residual	4.33886541	95	.045672268	Adj R-squared =
0.5451				Root MSE
0.5308				
Total	9.5388615	98	.097335321	
= .21371				

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_inter~ten_EH1	.0501992	.0135792	3.70	0.000	.
0232411	.0771572				
speaker_race_b~k	.3701012	.0460338	8.04	0.000	.
2787126	.4614898				
f2_r2ten_EH1	-.0525921	.0743147	-0.71	0.481	-.
2001255	.0949412				
_cons	-.2157892	.0950594	-2.27	0.025	-.4045059
-.0270725					

Source	SS	df	MS	Number of obs =
Model	5.67429113	15	.378286075	F( 15, 83) =
Residual	3.86457037	83	.046561089	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_inter~ten_EH1 0101725 .0748839	.0425282	.0162676	2.61	0.011	.
speaker_race_b~k 2745783 .4814382	.3780082	.052002	7.27	0.000	.
speaker_Age 0004032 .0071109	.0033538	.001889	1.78	0.079	-.
speaker_gender 1 4313023 .4666254	.0176616	.225728	0.08	0.938	-.
2 0875069 .0943361	.0034146	.0457131	0.07	0.941	-.
speaker_ses 0785146 .0296583	-.0244281	.0271933	-0.90	0.372	-.
speaker_cur~sion 2 0996085 .3665443	.1334679	.1171851	1.14	0.258	-.
3 1511192 .3044205	.0766507	.1145171	0.67	0.505	-.
4 1510292 .3532808	.1011258	.1267773	0.80	0.427	-.
5 0950863 .3244048	.1146593	.1054549	1.09	0.280	-.
6 1991427 .3538364	.0773469	.1390121	0.56	0.579	-.
7 0749072 .4091834	.1671381	.1216944	1.37	0.173	-.
8	.017844	.1416443	0.13	0.900	-.

2638808	.2995689					
	9	-.0435262	.1278379	-0.34	0.734	-.
2977906	.2107382					
	f2_r2ten_EH1	-.0778136	.077247	-1.01	0.317	-.
2314547	.0758276					
	_cons	-.3080338	.1826166	-1.69	0.095	-.
6712508	.0551832					

Source	SS	df	MS	Number of obs =
Model	5.07860646	3	1.69286882	F( 3, 95) =
Residual	4.46025504	95	.046950053	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE = .21668

Variable	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_slopeten_EH1	-.8192142	.2503392	-3.27	0.001	-1.3162
speaker_race_b~k	.4070686	.0442244	9.20	0.000	.
f2_r2ten_EH1	-.022379	.0745786	-0.30	0.765	-.
_cons	.1068971	.0391174	2.73	0.007	.

Source	SS	df	MS	Number of obs =
Model	5.5686512	15	.371243413	F( 15, 83) =
Residual	3.9702103	83	.047833859	Prob > F =
Total				R-squared =
				Adj R-squared =

0.5086

Total | 9.5388615 98 .097335321  
= .21871

Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopeten_EH1 -.0348362	-.6163388	.2923652	-2.11	0.038	-1.197841
speaker_race_b~k 13135747 .5130424	.4133086	.0501437	8.24	0.000	.
speaker_Age -6.63e-06 .0075423	.0037678	.0018977	1.99	0.050	
speaker_gender 1	-.0167567	.229216	-0.07	0.942	-. 4726582 .4391447
2	.0051644	.0463192	0.11	0.911	-. 0869626 .0972914
speaker_ses 0755532 .0343314	-.0206109	.0276236	-0.75	0.458	-. 1081286 .3651574
speaker_cur~sion 2	.1285144	.1189783	1.08	0.283	-. 150418 .3140244
3	.0818032	.1167551	0.70	0.485	-. 1771889 .3299821
4	.0763966	.1274965	0.60	0.551	-. 1026843 .3226031
5	.1099594	.106912	1.03	0.307	-. 2166052 .3428526
6	.0631237	.1406408	0.45	0.655	-. 0621823 .4268368
7	.1823273	.1229334	1.48	0.142	-. 2406944 .3280264
8	.043666	.1429694	0.31	0.761	-. 3000763 .2155971
9	-.0422396	.129634	-0.33	0.745	-. f2_r2ten_EH1
2165223 .0958089	-.0603567	.0785162	-0.77	0.444	-. _cons
3774164 .2595648	-.0589258	.1601292	-0.37	0.714	-. -----

Source	SS	df	MS	Number of obs =
Model	5.20475222	3	1.73491741	F( 3, 95) =
Residual	4.33410928	95	.045622203	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_inter~ten_EH1	.0366446	.0168104	2.18	0.032	.
speaker_race_b~k	.387422	.0453944	8.53	0.000	.
f3_r2ten_EH1	-.1760674	.0814132	-2.16	0.033	-.3376931
_cons	-.1717013	.1665725	-1.03	0.305	-.5023895

Source	SS	df	MS	Number of obs =
Model	5.96303022	15	.397535348	F( 15, 83) =
Residual	3.57583128	83	.043082305	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%

f3_inter~ten_EH1		.0178566	.0182059	0.98	0.330	-.0183542	.0540675
speaker_race_b~k		.3938849	.0493913	7.97	0.000	2956475	.4921223
speaker_Age		.0045063	.0017378	2.59	0.011	00105	.0079626
speaker_gender							
1		.0005808	.2171339	0.00	0.998	4312899	.4324515
2		.0285669	.0443251	0.64	0.521	059594	.1167277
speaker_ses		-.0199391	.0262891	-0.76	0.450	072227	.0323488
speaker_cur~sion							
2		.1280487	.1118308	1.15	0.255	0943783	.3504756
3		.1019317	.1103929	0.92	0.358	1176353	.3214987
4		.1077391	.1211223	0.89	0.376	1331683	.3486465
5		.1349402	.1013514	1.33	0.187	0666438	.3365241
6		.0704366	.1330664	0.53	0.598	1942271	.3351003
7		.2449374	.1182374	2.07	0.041	009768	.4801068
8		.0130052	.1361001	0.10	0.924	2576924	.2837028
9		-.0268076	.1232625	-0.22	0.828	2719717	.2183565
f3_r2ten_EH1		-.2667305	.0845306	-3.16	0.002	-.0986026	
_cons		-.2064796	.2122467	-0.97	0.333	6286297	.2156705

Source	SS	df	MS	Number of obs =
Model	5.07247593	3	1.69082531	F( 3, 95) =
Residual	4.46638557	95	.047014585	Prob > F =
				R-squared =
				Adj R-squared =

0.5170  
 Total | 9.5388615 98 .097335321 Root MSE  
 = .21683

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slopeten_EH1	-.4399716	.3281548	-1.34	0.183	
speaker_race_b~k	.4056438	.0447882	9.06	0.000	.
f3_r2ten_EH1	-.1896146	.0846168	-2.24	0.027	-.3576001
_cons	.1804102	.0408613	4.42	0.000	.

Source	SS	df	MS	Number of obs =
Model	5.92665896	15	.395110598	F( 15, 83) =
Residual	3.61220253	83	.043520512	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slopeten_EH1	-.1161132	.3400613	-0.34	0.734	-.7924815 .5602552
speaker_race_b~k	.4045788	.0483557	8.37	0.000	.
speaker_Age	.0048788	.0016988	2.87	0.005	.
speaker_gender	-.0043084	.2183028	-0.02	0.984	-.4385039 .4298871

0589482	2		.0296349	.0445374	0.67	0.508	-.
	.118218						
	speaker_ses		-.0184623	.0265017	-0.70	0.488	-.
0711731	.0342486						
	speaker_cur~sion						
	2		.1269138	.1123954	1.13	0.262	-.
0966362	.3504638						
	3		.1004791	.1109571	0.91	0.368	-.
12021	.3211683						
	4		.0980259	.1213998	0.81	0.422	-.
1434333	.3394852						
	5		.1350007	.1019358	1.32	0.189	-.
0677456	.337747						
	6		.0689348	.1337443	0.52	0.608	-.
1970773	.3349469						
	7		.258885	.1187739	2.18	0.032	.
0226485	.4951215						
	8		.0194966	.1366221	0.14	0.887	-.
2522393	.2912325						
	9		-.0227738	.1238378	-0.18	0.855	-.
2690823	.2235346						
	f3_r2ten_EH1		-.2841598	.0870528	-3.26	0.002	-.4573044
-.1110152							
	_cons		-.0538545	.1525486	-0.35	0.725	-.
3572676	.2495585						

Vowel--thir\_ER1

Source	SS	df	MS	Number of obs =
Model	4.67125908	3	1.55708636	F( 3, 95) =
Residual	4.86760242	95	.05123792	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95%
Conf. Interval]					



f2_intercept	tt~R1		-.0209151	.0155894	-1.34	0.183	-.051864	.0100337
speaker_race	b~k		.4207911	.0460309	9.14	0.000		
f2_r2thir	ER1		-.0540659	.0760148	-0.71	0.479		
_cons			.2664949	.1251783	2.13	0.036		

Source	SS	df	MS	Number of obs =
Model	5.31952595	15	.354635063	F( 15, 83) =
Residual	4.21933555	83	.050835368	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]			
f2_intercept	tt~R1		-.0043525	.0169543	-0.26	0.798	-.038074	.0293689
speaker_race	b~k		.4158032	.0519955	8.00	0.000		
speaker_Age			.0046322	.0018401	2.52	0.014		
speaker_gender	1		.0324683	.2367406	0.14	0.891	-.4383992	.5033357
speaker_gender	2		.0085029	.0477616	0.18	0.859	-.0864929	.1034987
speaker_ses			-.0217798	.0287854	-0.76	0.451		
speaker_cur	sion		.0865927	.1249288	0.69	0.490		

20799	3		.0368994	.1231244	0.30	0.765	-.
	.2817889						
2212705	4		.0426698	.1327027	0.32	0.749	-.
	.30661						
1418132	5		.0832526	.1131575	0.74	0.464	-.
	.3083184						
2401615	6		.0520824	.146933	0.35	0.724	-.
	.3443262						
0527597	7		.2045423	.1293651	1.58	0.118	-.
	.4618444						
2429582	8		.0519251	.14826	0.35	0.727	-.
	.3468083						
3234158	9		-.0550628	.1349213	-0.41	0.684	-.
	.2132902						
	f2_r2thir_ER1		-.0221746	.079501	-0.28	0.781	-.
1802989	.1359498						
	_cons		-.0408573	.221229	-0.18	0.854	-.
4808729	.3991584						

Source	SS	df	MS	Number of obs =
Model	4.5841771	3	1.52805903	F( 3, 95) =
Residual	4.9546844	95	.052154573	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopthir_ER1	.0981197	.3124211	0.31	0.754	-.
5221146	.7183539				
speaker_race_b~k	.4280865	.0461175	9.28	0.000	.
3365316	.5196413				
f2_r2thir_ER1	-.035859	.086674	-0.41	0.680	-.
2079287	.1362107				
_cons	.1131093	.0514959	2.20	0.030	.
010877	.2153416				

Source	SS	df	MS	Number of obs =
Model	5.32547376	15	.355031584	F( 15, 83) =
Residual	4.21338774	83	.050763708	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopthir_ER1	-.1409845	.32942	-0.43	0.670	-. .
speaker_race_b~k	.417262	.0517668	8.06	0.000	.
speaker_Age	.0047381	.0018241	2.60	0.011	.
speaker_gender					
1	.0354052	.2364359	0.15	0.881	-. .
2	.0118879	.0484597	0.25	0.807	-. .
speaker_ses	-.0233228	.028356	-0.82	0.413	-. .
speaker_cur~sion					
2	.0873845	.1244974	0.70	0.485	-. .
3	.0437283	.1214147	0.36	0.720	-. .
4	.047723	.1316621	0.36	0.718	-. .
5	.0891916	.110815	0.80	0.423	-. .
6	.0558009	.1465337	0.38	0.704	-. .
7	.2158694	.1279854	1.69	0.095	-. .

2525783	8		.0443688	.1492977	0.30	0.767	-.
	.3413158						
3285518	9		-.0596979	.1351731	-0.44	0.660	-.
	.2091561						
f2_r2thir_ER1			.0067152	.0897346	0.07	0.941	-.
1717632	.1851937						
_cons			-.0773718	.175841	-0.44	0.661	-.
4271125	.272369						

Source	SS	df	MS	Number of obs =
Model	4.58463583	3	1.52821194	F( 3, 95) =
Residual	4.95422566	95	.052149744	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_interceptt~R1	.0023229	.0157341	0.15	0.883	-.
0289133	.0335591				
speaker_race_b~k	.4299172	.0470999	9.13	0.000	.
3364121	.5234222				
f3_r2thir_ER1	-.0304634	.091676	-0.33	0.740	-.
2124634	.1515365				
_cons	.0921036	.1505795	0.61	0.542	-.
2068346	.3910417				

Source	SS	df	MS	Number of obs =
Model	5.40333126	15	.360222084	F( 15, 83) =
Residual	4.13553024	83	.049825666	Prob > F =



Source	SS	df	MS	Number of obs =
Model	4.58390896	3	1.52796965	F( 3, 95) =
Residual	4.95495254	95	.052157395	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slopethir_ER1	.0286256	.3229549	0.09	0.930	-.6125209
speaker_race_b~k	.4317444	.0462194	9.34	0.000	.3399873
f3_r2thir_ER1	-.0405171	.104263	-0.39	0.698	-.2475054
_cons	.1129672	.0436429	2.59	0.011	.0263251

Source	SS	df	MS	Number of obs =
Model	5.35099905	15	.35673327	F( 15, 83) =
Residual	4.18786245	83	.050456174	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
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f3_slopethir_ER1		-.019372	.3418147	-0.06	0.955	-.
6992277	.6604837					
speaker_race_b~k		.4185387	.0516799	8.10	0.000	.
3157495	.5213279					
speaker_Age		.0046458	.0018259	2.54	0.013	.
0010141	.0082775					
speaker_gender						
1		.0317319	.2389597	0.13	0.895	-.
4435494	.5070131					
2		.0117157	.048584	0.24	0.810	-.
0849159	.1083474					
speaker_ses		-.0235479	.0282767	-0.83	0.407	-.
0797891	.0326932					
speaker_cur~sion						
2		.0755141	.1238445	0.61	0.544	-.
1708075	.3218358					
3		.0374364	.1190332	0.31	0.754	-.
1993159	.2741887					
4		.0424522	.1302861	0.33	0.745	-.
2166817	.301586					
5		.0868353	.1100987	0.79	0.433	-.
1321466	.3058173					
6		.0366354	.1465072	0.25	0.803	-.
2547615	.3280324					
7		.2150888	.1253087	1.72	0.090	-.
0341452	.4643229					
8		.0374692	.1484274	0.25	0.801	-.
257747	.3326854					
9		-.0626806	.1344353	-0.47	0.642	-.
3300669	.2047057					
f3_r2thir_ER1		-.072844	.1080917	-0.67	0.502	-.
287834	.142146					
_cons		-.04945	.1692269	-0.29	0.771	-.
3860354	.2871355					

Vowel--three\_IY1

Source	SS	df	MS	Number of obs =
Model	4.6087689	3	1.5362563	F( 3, 95) =
Residual	4.9300926	95	.051895712	Prob > F =
				R-squared =

0.4832  
 -----+-----  
 0.4668  
 Total | 9.5388615 98 .097335321  
 = .22781  
 Adj R-squared =  
 Root MSE

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_interce~e_IY1   0290617 .0206603	-.0042007	.0125228	-0.34	0.738	-. .
speaker_race_b~k   3386969 .5210387	.4298678	.0459241	9.36	0.000	. .
f2_r2three_IY1   0999499 .2171515	.0586008	.0798643	0.73	0.465	-. .
_cons   1295699 .3714875	.1209588	.126195	0.96	0.340	-. .

Source	SS	df	MS	Number of obs =
Model	5.33135248	15	.355423499	99
Residual	4.20750902	83	.05069288	7.01
Total	9.5388615	98	.097335321	F( 15, 83) =
				Prob > F =
				R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_interce~e_IY1   0307523 .0216385	-.0045569	.0131704	-0.35	0.730	-. .
speaker_race_b~k   3122356 .5186228	.4154292	.0518832	8.01	0.000	. .
speaker_Age   0008798 .0082457	.0045628	.0018517	2.46	0.016	. .
speaker_gender					



4277712	1		.0452216	.2378091	0.19	0.850	-.
	.5182144						
0822328	2		.0152049	.0489893	0.31	0.757	-.
	.1126426						
0800988	speaker_ses		-.0228809	.0287678	-0.80	0.429	-.
	.0343371						
1564667	2		.0865464	.122181	0.71	0.481	-.
	.3295594						
2023241	3		.0374602	.1205576	0.31	0.757	-.
	.2772444						
2121372	4		.0481204	.1308511	0.37	0.714	-.
	.3083779						
1301766	5		.0894206	.1104081	0.81	0.420	-.
	.3090179						
2276456	6		.0595982	.1444191	0.41	0.681	-.
	.3468419						
0362224	7		.2135079	.1255582	1.70	0.093	-.
	.4632382						
2305947	8		.0632336	.1477296	0.43	0.670	-.
	.3570619						
3214818	9		-.0559562	.1334997	-0.42	0.676	-.
	.2095693						
1283875	f2_r2three_IY1		.0404133	.0848689	0.48	0.635	-.
	.2092141						
4896687	_cons		-.0525042	.2197955	-0.24	0.812	-.
	.3846603						

Source	SS	df	MS	Number of obs =
Model	4.61083666	3	1.53694555	F( 3, 95) =
Residual	4.92802484	95	.051873946	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
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f2_slopethree_~1		.0739825	.1894936	0.39	0.697	-.
3022099		.4501749				
speaker_race_b~k		.4293611	.0459813	9.34	0.000	.
3380768		.5206455				
f2_r2threethree_IY1		.0497383	.0832344	0.60	0.552	-.
1155028		.2149795				
_cons		.0820465	.0428452	1.91	0.059	-.
003012		.1671051				

Source	SS	df	MS	Number of obs =
Model	5.3299927	15	.355332847	F( 15, 83) =
Residual	4.2088688	83	.050709263	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
f2_slopethree_~1		.0596562	.1957683	0.30	0.761	-.
3297192		.4490315				
speaker_race_b~k		.4160213	.0517663	8.04	0.000	.
3130602		.5189824				
speaker_Age		.0045433	.0018507	2.45	0.016	.
0008624		.0082243				
speaker_gender						
1		.0366164	.2367443	0.15	0.877	-.
4342585		.5074913				
2		.0130578	.0486041	0.27	0.789	-.
0836139		.1097295				
speaker_ses		-.022409	.028649	-0.78	0.436	-.
0793907		.0345727				
speaker_cur~sion						
2		.0936978	.1212331	0.77	0.442	-.

14743	.3348257						
	3		.0438241	.1189217	0.37	0.713	-.
1927063	.2803545						
	4		.0528725	.1300817	0.41	0.685	-.
2058548	.3115998						
	5		.0972085	.1095896	0.89	0.378	-.
1207609	.3151779						
	6		.0641639	.1446843	0.44	0.659	-.
2236073	.3519351						
	7		.2164204	.1252762	1.73	0.088	-.
0327489	.4655897						
	8		.0699507	.1500612	0.47	0.642	-.
228515	.3684164						
	9		-.0523166	.1337227	-0.39	0.697	-.
3182856	.2136524						
	f2_r2three_IY1		.0329772	.0877629	0.38	0.708	-.
1415797	.2075341						
	_cons		-.1005843	.1661627	-0.61	0.547	-.
4310751	.2299065						

Source	SS	df	MS	Number of obs =
Model	4.59118897	3	1.53039632	F( 3, 95) =
Residual	4.94767253	95	.052080763	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_interce~e_IY1	.0067689	.0131789	0.51	0.609	-.
speaker_race_b~k	.4308165	.0459831	9.37	0.000	.
f3_r2three_IY1	-.0122308	.0813915	-0.15	0.881	-.
_cons	.0332647	.1534839	0.22	0.829	-.

Source	SS	df	MS	Number of obs =
Model	5.33588723	15	.355725815	F( 15, 83) =
Residual	4.20297427	83	.050638244	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_interce~e_IY1 0230328 .0310004	.0039838	.0135833	0.29	0.770	-. .
speaker_race_b~k 3179843 .5230793	.4205318	.0515584	8.16	0.000	. .
speaker_Age 0010439 .0083316	.0046877	.001832	2.56	0.012	. .
speaker_gender 1 4650649 .4768655	.0059003	.2367897	0.02	0.980	-. .
2 0856061 .1042225	.0093082	.0477206	0.20	0.846	-. .
speaker_ses 0847066 .0324543	-.0261261	.0294528	-0.89	0.378	-. .
speaker_cur~sion 2 1402422 .3431729	.1014654	.1215246	0.83	0.406	-. .
3 18137 .2987104	.0586702	.1206863	0.49	0.628	-. .
4 2024073 .3173074	.0574501	.1306499	0.44	0.661	-. .
5 1231503 .3122461	.0945479	.1094533	0.86	0.390	-. .
6 2210183 .3543851	.0666834	.1446493	0.46	0.646	-. .
7	.2222507	.1257155	1.77	0.081	-. .

0277923	.4722937					
	8		.0551904	.1470687	0.38	0.708
2373234	.3477042					
	9		-.0491731	.1333071	-0.37	0.713
3143156	.2159694					
f3_r2three_IY1			-.0455922	.0854097	-0.53	0.595
2154687	.1242843					
	_cons		-.1096167	.2360958	-0.46	0.644
5792018	.3599685					

Source	SS	df	MS	Number of obs =
99				F( 3, 95) =
29.22				Prob > F =
Model	4.577743	3	1.52591433	R-squared =
0.0000				Adj R-squared =
Residual	4.9611185	95	.0522223	Root MSE
0.4799				
0.4635				
Total	9.5388615	98	.097335321	
= .22852				

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_slopethree_~1	-.0149914	.2001341	-0.07	0.940	-. .
4123077	.382325				
speaker_race_b~k	.4306559	.0460452	9.35	0.000	.
3392447	.5220672				
f3_r2three_IY1	-.0160313	.0873477	-0.18	0.855	-. .
1894385	.1573759				
_cons	.1085657	.0447663	2.43	0.017	.
0196934	.1974381				

Source	SS	df	MS	Number of obs =
99				F( 15, 83) =
7.02				Prob > F =
Model	5.33282529	15	.355521686	R-squared =
0.0000				
Residual	4.20603621	83	.050675135	

0.5591

0.4794

Total | 9.5388615 98 .097335321  
= .22511

Adj R-squared =

Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slopethree_~1 4506892 .3836618	-.0335137	.2097456	-0.16	0.873	-. .
speaker_race_b~k 3174026 .5223194	.419861	.0515135	8.15	0.000	.
speaker_Age 001132 .0083893	.0047606	.0018244	2.61	0.011	.
speaker_gender 1	.0133519	.2371527	0.06	0.955	-. .
4583353 .4850391					
2	.0106098	.0479215	0.22	0.825	-. .
0847041 .1059238					
speaker_ses 0852134 .0320127	-.0266003	.0294692	-0.90	0.369	-. .
speaker_cur~sion 2	.0977886	.121082	0.81	0.422	-. .
1430386 .3386158					
3	.0544748	.1195272	0.46	0.650	-. .
18326 .2922097					
4	.0542341	.1300947	0.42	0.678	-. .
2045191 .3129872					
5	.0905812	.1096272	0.83	0.411	-. .
127463 .3086253					
6	.0648647	.1448196	0.45	0.655	-. .
2231757 .3529051					
7	.2204513	.125548	1.76	0.083	-. .
0292587 .4701613					
8	.0539924	.1478454	0.37	0.716	-. .
2400661 .3480509					
9	-.0504265	.1332698	-0.38	0.706	-. .
3154947 .2146417					
f3_r2three_IY1 2250782 .1370432	-.0440175	.0910329	-0.48	0.630	-. .
_cons 4031703 .2748675	-.0641514	.1704503	-0.38	0.708	-. .

Vowel--twelve\_EH1

Source	SS	df	MS	Number of obs =
Model	4.84395076	3	1.61465025	F( 3, 95) =
Residual	4.69491074	95	.049420113	Prob > F =
Total	9.5388615	98	.097335321	R-squared =

32.67  
0.0000  
0.5078  
0.4923  
= .22231

Adj R-squared =  
Root MSE

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_interc~ve_EH1	.037833	.0170991	2.21	0.029	.
speaker_race_b~k	.4009389	.0464195	8.64	0.000	.
f2_r2twelve_EH1	-.0596105	.0929402	-0.64	0.523	-. .
_cons	-.026979	.078497	-0.34	0.732	-. .

003887 .0717789  
3087845 .4930933  
2441201 .1248992  
1828153 .1288572

Source	SS	df	MS	Number of obs =
Model	5.42187046	15	.36145803	F( 15, 83) =
Residual	4.11699104	83	.049602302	Prob > F =
Total	9.5388615	98	.097335321	R-squared =

7.29  
0.0000  
0.5684  
0.4904  
= .22272

Adj R-squared =  
Root MSE

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95%
------------------	-------	-----------	---	------	------

Conf. Interval]

f2_interc~ve_EH1		.0174405	.0212516	0.82	0.414
0248281	.0597091				-. .
speaker_race_b~k		.4000878	.0526842	7.59	0.000
295301	.5048746				.
speaker_Age		.0041244	.0019711	2.09	0.039
000204	.0080448				.
speaker_gender					
1		.0721278	.2390944	0.30	0.764
4034213	.547677				-. .
2		.0165517	.0475162	0.35	0.728
077956	.1110594				-. .
speaker_ses		-.0162709	.0285051	-0.57	0.570
0729663	.0404245				-. .
speaker_cur~sion					
2		.0969455	.1210649	0.80	0.426
1438477	.3377386				-. .
3		.0542023	.1222008	0.44	0.659
1888503	.2972548				-. .
4		.0421052	.1359536	0.31	0.758
228301	.3125115				-. .
5		.1075008	.1096843	0.98	0.330
1106568	.3256585				-. .
6		.0847688	.1478679	0.57	0.568
2093346	.3788722				-. .
7		.2034068	.1241421	1.64	0.105
0435068	.4503204				-. .
8		.0640568	.1487161	0.43	0.668
2317336	.3598472				-. .
9		-.0660716	.1332875	-0.50	0.621
331175	.1990318				-. .
f2_r2twelve_EH1		-.1146047	.1027979	-1.11	0.268
3190656	.0898562				-. .
_cons		-.1279198	.1875583	-0.68	0.497
5009657	.2451261				-. .

Source	SS	df	MS	Number of obs =
Model	4.62123305	3	1.54041102	F( 3, 95) =
				Prob > F =



Residual		4.91762844	95	.05176451	R-squared	=
0.4845						
-----						
	+					
0.4682					Adj R-squared	=
Total		9.5388615	98	.097335321	Root MSE	
=		.22752				

speaker_~m_black		Coef.	Std. Err.	t	P> t	[95%
Conf. Interval]						
-----						
+						
f2_slopetwelve~1		.2126395	.3489866	0.61	0.544	-. 4801865 .9054654
speaker_race_b~k		.4350845	.0471284	9.23	0.000	. 3415228 .5286462
f2_r2twelve_EH1		-.072858	.0952241	-0.77	0.446	-. 2619017 .1161857
_cons		.1213137	.0420475	2.89	0.005	. 0378389 .2047884

Source		SS	df	MS	Number of obs	=
99						
-----						
+						
7.56					F( 15, 83)	=
Model		5.50905972	15	.367270648	Prob > F	=
0.0000						
Residual		4.02980178	83	.048551829	R-squared	=
0.5775						
-----						
+						
0.5012					Adj R-squared	=
Total		9.5388615	98	.097335321	Root MSE	
=		.22034				

speaker_~m_black		Coef.	Std. Err.	t	P> t	[95%
Conf. Interval]						
-----						
+						
f2_slopetwelve~1		.5992199	.3802089	1.58	0.119	-.1570002 1.35544
speaker_race_b~k		.4336091	.0528787	8.20	0.000	. 3284355 .5387828
speaker_Age		.0056357	.0018635	3.02	0.003	. 0019293 .0093422

speaker_gender	1	.1264457	.2370297	0.53	0.595	-.
3449969	.5978882					
speaker_gender	2	.0118612	.046742	0.25	0.800	-.
0811067	.1048291					
speaker_ses		-.0179076	.0278416	-0.64	0.522	-.
0732834	.0374682					
speaker_cur~sion	2	.051093	.1205155	0.42	0.673	-.
1886075	.2907935					
speaker_cur~sion	3	-.0194466	.1211128	-0.16	0.873	-.
2603351	.221442					
speaker_cur~sion	4	-.0267684	.1331225	-0.20	0.841	-.
2915438	.238007					
speaker_cur~sion	5	.0408471	.111673	0.37	0.715	-.
181266	.2629602					
speaker_cur~sion	6	-.017662	.1483155	-0.12	0.905	-.
3126555	.2773316					
speaker_cur~sion	7	.176149	.124128	1.42	0.160	-.
0707365	.4230345					
speaker_cur~sion	8	-.0011733	.1468791	-0.01	0.994	-.
2933099	.2909633					
speaker_cur~sion	9	-.1099853	.1336562	-0.82	0.413	-.
3758222	.1558516					
f2_r2twelve_EH1		-.1400691	.1014015	-1.38	0.171	-.
3417526	.0616143					
_cons		-.0514778	.1623091	-0.32	0.752	-.
3743042	.2713485					

Source	SS	df	MS	Number of obs =
Model	4.75111952	3	1.58370651	F( 3, 95) =
Residual	4.78774198	95	.050397284	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

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speaker_~m_black	Coef.	Std. Err.	t	P> t	[95%
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Conf. Interval]

f3_interc~ve_EH1		-.0135835	.0203827	-0.67	0.507	-. .
0540484		.0268813				
speaker_race_b~k		.4365696	.0454421	9.61	0.000	.
3463556		.5267836				
f3_r2twelve_EH1		-.1219147	.0742403	-1.64	0.104	-. .
2693003		.0254709				
_cons		.2643578	.188846	1.40	0.165	-. .
110549		.6392645				

Source	SS	df	MS	Number of obs =
Model	5.53760959	15	.369173973	F( 15, 83) =
Residual	4.0012519	83	.048207854	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
speaker_~m_black	-.0084222	.02148	-0.39	0.696	-. .
051145		.0343006			
speaker_race_b~k	.4243005	.0504812	8.41	0.000	.
3238954		.5247057			
speaker_Age	.0048485	.0017842	2.72	0.008	.
0012999		.0083971			
speaker_gender					
1	-.022928	.2304823	-0.10	0.921	-. .
4813481		.435492			
2	.0076035	.0482676	0.16	0.875	-. .
0883988		.1036059			
speaker_ses	-.0269728	.0277808	-0.97	0.334	-. .
0822276		.0282821			
speaker_cur~sion					

1633182	2		.0723592	.1184928	0.61	0.543	-.
	.3080365						
1911559	3		.0395926	.1160147	0.34	0.734	-.
	.2703412						
2418094	4		.0127941	.1280084	0.10	0.921	-.
	.2673975						
150982	5		.0631177	.107644	0.59	0.559	-.
	.2772173						
2278966	6		.0523627	.1409075	0.37	0.711	-.
	.332622						
0443543	7		.199073	.1223892	1.63	0.108	-.
	.4425003						
2019652	8		.0851394	.1443491	0.59	0.557	-.
	.3722441						
3621659	9		-.0997886	.1319169	-0.76	0.452	-.
	.1625887						
f3_r2twelve_EH1			-.1587617	.0768815	-2.07	0.042	-.3116759
-.0058474							
_cons			.0655042	.2738766	0.24	0.812	-.
4792253	.6102338						

Source	SS	df	MS	Number of obs =
99				
32.74				F( 3, 95) =
Model	4.84858676	3	1.61619559	Prob > F =
0.0000				R-squared =
Residual	4.69027474	95	.049371313	Adj R-squared =
0.5083				Root MSE
0.4928				
Total	9.5388615	98	.097335321	
= .2222				

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_slopetwelve~1	.6601052	.4236743	1.56	0.123	-.1809947
1.501205					
speaker_race_b~k	.448471	.0457609	9.80	0.000	.
3576242	.5393178				
f3_r2twelve_EH1	-.1147297	.0733481	-1.56	0.121	-.
260344	.0308847				
_cons	.1340343	.0391432	3.42	0.001	.

0563252 .2117433

---

---

Source	SS	df	MS	Number of obs =
Model	5.64859139	15	.376572759	F( 15, 83) =
Residual	3.89027011	83	.046870724	Prob > F =
Total	9.5388615	98	.097335321	R-squared =

---

99  
8.03  
0.0000  
0.5922  
0.5185  
= .2165

Adj R-squared =  
Root MSE

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speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slopetwelve~1 1.688685	.7500434	.4719258	1.59	0.116	-.1885981
speaker_race_b~k 3434533 .5494311	.4464422	.0517803	8.62	0.000	.
speaker_Age 0014144 .0083878	.0049011	.001753	2.80	0.006	.
speaker_gender 1	-.0383559	.2273642	-0.17	0.866	-. 4905742 .4138624
2	-.0186816	.0499244	-0.37	0.709	-. 1179792 .0806159
speaker_ses 0811061 .0273931	-.0268565	.0272754	-0.98	0.328	-. 1546814 .3095385
speaker_cur~sion 2	.0774285	.1166992	0.66	0.509	-. 1840212 .2703061
3	.0431424	.1142123	0.38	0.707	-. 224448 .278932
4	.027242	.1265435	0.22	0.830	-. 1611956 .2613436
5	.050074	.1062211	0.47	0.639	-. 2330715 .3197171
6	.0433228	.1389643	0.31	0.756	-. 2330715 .3197171

0503337	7		.1898719	.1207695	1.57	0.120	-.
	.4300776						
1857072	8		.0973066	.1422924	0.68	0.496	-.
	.3803205						
3761484	9		-.1166292	.1304799	-0.89	0.374	-.
	.14289						
f3_r2twelve_EH1			-.1502011	.0757571	-1.98	0.051	-.
300879	.0004768						
_cons			-.0080572	.1603388	-0.05	0.960	-.
3269647	.3108502						

Vowel--twen\_EH1

Source	SS	df	MS	Number of obs =
Model	4.68678663	3	1.56226221	F( 3, 95) =
Residual	4.85207487	95	.051074472	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
f2_inter~wen_EH1	.0107771	.0172674	0.62	0.534	-.
speaker_race_b~k	.4204436	.0461456	9.11	0.000	.
f2_r2twen_EH1	-.0801751	.0806725	-0.99	0.323	-.
_cons	.1210473	.1057401	1.14	0.255	-.

Source	SS	df	MS	Number of obs =
Model	5.45585737	15	.363723825	F( 15, 83) =
				Prob > F =

```

0.0000
Residual | 4.08300413 83 .049192821 R-squared =
0.5720
-----+-----
0.4946
Total | 9.5388615 98 .097335321 Adj R-squared =
= .22179 Root MSE

```

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-----
speaker_~m_black |      Coef.   Std. Err.    t    P>|t|    [95%
Conf. Interval]
-----+-----
f2_inter~wen_EH1 |  .0100647   .0174379    0.58   0.565   -.
0246186   .044748
speaker_race_b~k |  .4118493   .0509606    8.08   0.000   .
3104908   .5132079
    speaker_Age |  .0044571   .0017985    2.48   0.015   .
00088   .0080342
    speaker_gender
    1 |  .0458063   .2332736    0.20   0.845   -.
4181655   .5097781
    2 |  .0219495   .0478097    0.46   0.647   -.
0731421   .1170411
    speaker_ses | -0.0213993 .0280663   -0.76   0.448   -.
0772221   .0344235
    speaker_cur~sion
    2 |  .111435   .1195435    0.93   0.354   -.
1263323   .3492022
    3 |  .0762639   .1182425    0.64   0.521   -.
1589157   .3114435
    4 |  .0603548   .1282071    0.47   0.639   -.
1946439   .3153535
    5 |  .0937254   .1077347    0.87   0.387   -.
1205546   .3080054
    6 |  .0421314   .1425164    0.30   0.768   -.
241328   .3255908
    7 |  .2455031   .1248764    1.97   0.053   -.
0028711   .4938773
    8 |  .02928   .1457926    0.20   0.841   -.
2606956   .3192556
    9 |  -0.027823 .1320642   -0.21   0.834   -.
2904934   .2348474
    f2_r2twen_EH1 | -0.1099159 .0860761   -1.28   0.205   -.
2811177   .0612859

```

4504106	_cons		-.0588257	.1968793	-0.30	0.766	-. .3327593
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Source	SS	df	MS	Number of obs =
99				F( 3, 95) =
30.33				Prob > F =
Model	4.6669651	3	1.55565503	R-squared =
0.0000				Adj R-squared =
Residual	4.8718964	95	.05128312	Root MSE
0.4893				
0.4731				
Total	9.5388615	98	.097335321	
= .22646				

	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_slopetwen_EH1	-.0093333	.2457905	-0.04	0.970	-. .4786225
4972891					
speaker_race_b~k	.425229	.0463538	9.17	0.000	. .5172528
3332051					
f2_r2twen_EH1	-.0979354	.08936	-1.10	0.276	-. .0794665
2753373					
_cons	.1738115	.063492	2.74	0.007	. .299859
0477639					

Source	SS	df	MS	Number of obs =
99				F( 15, 83) =
7.36				Prob > F =
Model	5.44642672	15	.363095115	R-squared =
0.0000				Adj R-squared =
Residual	4.09243477	83	.049306443	Root MSE
0.5710				
0.4934				
Total	9.5388615	98	.097335321	
= .22205				



speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopetwen_EH1   6073066 .4143594	-.0964736	.2568342	-0.38	0.708	-. .
speaker_race_b~k   3158677 .520178	.4180229	.0513611	8.14	0.000	.
speaker_Age   0009536 .008159	.0045563	.0018113	2.52	0.014	.
speaker_gender   1	.0505099	.2333552	0.22	0.829	-. .
4136242 .5146441 2	.0221508	.0486482	0.46	0.650	-. .
0746085 .1189101 speaker_ses	-.0222724	.0280321	-0.79	0.429	-. .
0780272 .0334823 speaker_cur~sion	.1111311	.1197134	0.93	0.356	-. .
126974 .3492362 2	.0713717	.118299	0.60	0.548	-. .
1639202 .3066636 3	.0608393	.1283503	0.47	0.637	-. .
1944442 .3161228 4	.0931148	.1079442	0.86	0.391	-. .
1215819 .3078114 5	.048013	.1430597	0.34	0.738	-. .
236527 .332553 6	.2459079	.1250178	1.97	0.053	-. .
0027475 .4945633 7	.0296776	.1459582	0.20	0.839	-. .
2606274 .3199826 8	-.0288106	.1322016	-0.22	0.828	-. .
2917543 .2341331 9	-.1074601	.0971061	-1.11	0.272	-. .
f2_r2twen_EH1   3006002 .0856799	-.1074601	.0971061	-1.11	0.272	-. .
_cons   3580188 .330761	-.0136289	.1731508	-0.08	0.937	-. .

Source	SS	df	MS	Number of obs =
99 34.37 Model	4.96460922	3	1.65486974	F( 3, 95) = Prob > F =

```

0.0000
Residual | 4.57425228 95 .048150024 R-squared =
0.5205
-----+-----
0.5053
Total | 9.5388615 98 .097335321 Root MSE
= .21943

```

```

-----
speaker_~m_black |      Coef.   Std. Err.    t    P>|t|    [95%
Conf. Interval]
-----+-----
f3_inter~wen_EH1 |   .0369515   .0130689    2.83   0.006    .
0110065   .0628965
speaker_race_b~k |   .4112086   .0446122    9.22   0.000    .
3226421   .499775
f3_r2twen_EH1 |  -.0044655   .075859   -0.06   0.953   -.
1550647   .1461338
_cons |  -.2178475   .1245396   -1.75   0.083   -.
4650899   .029395

```

```

-----
Source |      SS      df      MS      Number of obs =
99
-----+-----
8.35
Model |  5.73716224   15   .382477483      F( 15, 83) =
0.0000      Prob > F      =
Residual |  3.80169925   83   .045803605      R-squared      =
0.6015      Adj R-squared =
-----+-----
0.5294
Total |  9.5388615   98   .097335321      Root MSE
= .21402

```

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-----
speaker_~m_black |      Coef.   Std. Err.    t    P>|t|    [95%
Conf. Interval]
-----+-----
f3_inter~wen_EH1 |   .0425885   .0141624    3.01   0.003    .
01442   .0707569
speaker_race_b~k |   .4062376   .0490485    8.28   0.000    .
308682   .5037932
speaker_Age |   .0040369   .0017442    2.31   0.023    .
0005677   .0075061

```

speaker_gender	1	-.0566971	.2257391	-0.25	0.802	-.5056832	.3922889
	2	.0082207	.0457004	0.18	0.858	0826756	.0991169
speaker_ses		-.0045098	.0276042	-0.16	0.871	0594134	.0503937
speaker_cur~sion	2	.0630645	.1159728	0.54	0.588	1676007	.2937297
	3	.0448796	.113546	0.40	0.694	1809587	.2707179
	4	-.011832	.1262868	-0.09	0.926	2630114	.2393474
	5	.0530291	.1054589	0.50	0.616	1567244	.2627826
	6	-.0045863	.1393831	-0.03	0.974	2818137	.2726411
	7	.183375	.1194682	1.53	0.129	0542424	.4209924
	8	-.0546927	.1451873	-0.38	0.707	3434644	.2340789
	9	-.1165877	.1288954	-0.90	0.368	3729555	.1397801
f3_r2twen_EH1		-.0021023	.0791479	-0.03	0.979	1595242	.1553197
_cons		-.4510197	.2057914	-2.19	0.031	-.0417089	

Source	SS	df	MS	Number of obs =
Model	4.6976407	3	1.56588023	F( 3, 95) =
Residual	4.8412208	95	.050960219	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slopetwen_EH1   9002617 .1190695	-.3905961	.256726	-1.52	0.131	-. .
speaker_race_b~k   3415399 .5219839	.4317619	.0454461	9.50	0.000	. .
f3_r2twen_EH1   1510456 .1697769	.0093657	.0808015	0.12	0.908	-. .
_cons   0175532 .1975568	.107555	.0453352	2.37	0.020	. .

Source	SS	df	MS	Number of obs =
Model	5.44825908	15	.363217272	F( 15, 83) =
Residual	4.09060242	83	.049284366	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
	.222			Adj R-squared =
				Root MSE

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slopetwen_EH1   9781716 .1076884	-.4352416	.2729718	-1.59	0.115	-. .
speaker_race_b~k   3214502 .5237703	.4226103	.0508608	8.31	0.000	. .
speaker_Age   0010089 .0081545	.0045817	.0017963	2.55	0.013	. .
speaker_gender					
1   497498 .4382679	-.0296151	.23524	-0.13	0.900	-. .
2   0831771 .1058434	.0113332	.0475174	0.24	0.812	-. .
speaker_ses   0749025 .0365634	-.0191696	.0280211	-0.68	0.496	-. .

Speaker	Condition	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
1819821	2	.0595197	.1214212	0.49	0.625	-. .
2245131	3	.0125411	.119185	0.11	0.916	-. .
2597957	4	.0027927	.132023	0.02	0.983	-. .
1760638	5	.0460313	.1116639	0.41	0.681	-. .
2737775	6	.0149445	.1451623	0.10	0.918	-. .
0671	7	.1817149	.125098	1.45	0.150	-. .
3156057	8	-.0127327	.1522771	-0.08	0.934	-. .
3635937	9	-.0963303	.1343734	-0.72	0.475	-. .
1625946	f3_r2twen_EH1	.0073882	.0854632	0.09	0.931	-. .
383084	_cons	-.0484866	.1682273	-0.29	0.774	-. .

Vowel--two\_UW1

Source	SS	df	MS	Number of obs =
Model	4.83639274	3	1.61213091	F( 3, 95) =
Residual	4.70246875	95	.049499671	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

Speaker	Condition	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
0463716	f2_intercepttt~W1	-.0200991	.0132339	-1.52	0.132	-. .
32884	speaker_race_b~k	.4182064	.0450152	9.29	0.000	. .
	f2_r2two_UW1	-.1146871	.0839812	-1.37	0.175	-. .

```

281411      .0520367
           _cons |      .3120304      .1167937      2.67      0.009      .
0801655     .5438952

```

---

Source	SS	df	MS	Number of obs =
Model	5.50175413	15	.366783609	F( 15, 83) =
Residual	4.03710737	83	.048639848	Prob > F =
Total	9.5388615	98	.097335321	R-squared =

Adj R-squared =  
Root MSE = .22054

---

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_interceptt~W1 0531466 .0039076	-.0246195	.0143427	-1.72	0.090	-. .
speaker_race_b~k 3033177 .5055489	.4044333	.0508384	7.96	0.000	. .
speaker_Age 0007497 .0080118	.0043807	.0018256	2.40	0.019	. .
speaker_gender 1 3929126 .5280486	.067568	.2315183	0.29	0.771	-. .
2 0562699 .1420073	.0428687	.0498444	0.86	0.392	-. .
speaker_ses 0759963 .034798	-.0205992	.0278523	-0.74	0.462	-. .
speaker_cur~sion 2 1472675 .3244723	.0886024	.1185896	0.75	0.457	-. .
3 1865486 .2785748	.0460131	.1169263	0.39	0.695	-. .
4 235635 .2911052	.0277351	.132416	0.21	0.835	-. .
5 1211685 .3045191	.0916753	.1070126	0.86	0.394	-. .

2226974	6		.0594951	.1418794	0.42	0.676	-.
	.3416876						
0273754	7		.2175054	.1231201	1.77	0.081	-.
	.4623863						
2114256	8		.0805621	.1468043	0.55	0.585	-.
	.3725499						
2918358	9		-.0300325	.1316283	-0.23	0.820	-.
	.2317708						
	f2_r2two_UW1		-.0516713	.0926661	-0.56	0.579	-.
2359806	.1326379						
	_cons		.1326389	.1990198	0.67	0.507	-.
2632035	.5284813						

Source	SS	df	MS	Number of obs =
Model	4.80946563	3	1.60315521	F( 3, 95) =
Residual	4.72939587	95	.049783114	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_slopetwo_UW1	.2519071	.1902812	1.32	0.189	-.
1258489	.6296631				
speaker_race_b~k	.4203097	.0450707	9.33	0.000	.
3308329	.5097864				
f2_r2two_UW1	-.0760942	.0960772	-0.79	0.430	-.
2668316	.1146432				
_cons	.1513539	.0411393	3.68	0.000	.
0696821	.2330257				

Source	SS	df	MS	Number of obs =
Model	7.30	15		F( 15, 83) =

Model		5.427069	15	.3618046	Prob > F	=
0.0000						
Residual		4.1117925	83	.049539669	R-squared	=
0.5689						
-----+						
0.4910					Adj R-squared	=
Total		9.5388615	98	.097335321	Root MSE	
= .22258						

-----		Coef.	Std. Err.	t	P> t	[95%
-----						
speaker_~m_black	Conf. Interval]	-----				
f2_slopetwo_UW1		.2415432	.2052202	1.18	0.243	-. 1666314 .6497179
speaker_race_b~k		.4151194	.0508683	8.16	0.000	. 3139444 .5162943
speaker_Age		.0042358	.0018435	2.30	0.024	. 0005691 .0079025
speaker_gender						
1		.0656222	.2346584	0.28	0.780	-. 401104 .5323483
2		.0274166	.0487726	0.56	0.576	-. 0695902 .1244233
speaker_ses		-.0207222	.0281092	-0.74	0.463	-. 0766303 .0351858
speaker_cur~sion						
2		.0993131	.119604	0.83	0.409	-. 1385744 .3372006
3		.0611666	.1178975	0.52	0.605	-. 1733268 .2956601
4		.0580514	.1315328	0.44	0.660	-. 2035621 .3196649
5		.0934226	.1079885	0.87	0.389	-. 1213622 .3082075
6		.0386934	.1454789	0.27	0.791	-. 2506583 .328045
7		.2152292	.1244329	1.73	0.087	-. 0322627 .4627212
8		.0671078	.1487305	0.45	0.653	-. 2287112 .3629267
9		-.0318725	.1328391	-0.24	0.811	-. 2960841 .2323391
f2_r2two_UW1		-.020811	.1069046	-0.19	0.846	-. 2960841 .2323391



```

2334401      .191818
      _cons |   -.061087   .1630884   -0.37   0.709   -.
3854632      .2632893

```

```

-----
Source |      SS      df      MS      Number of obs =
-----+-----
99
30.23
Model |  4.6587971    3  1.55293237  F( 3, 95) =
0.0000  Residual |  4.8800644   95  .051369099  Prob > F    =
0.4884  Total |  9.5388615   98  .097335321  R-squared   =
0.4722  Root MSE   =
= .22665

```

```

-----
speaker_~m_black |      Coef.   Std. Err.    t    P>|t|    [95%
Conf. Interval]
-----+-----
f3_interceptt~W1 |   .0046464   .0148139    0.31   0.754   -.
0247628   .0340557
speaker_race_b~k |   .4354891   .0457764    9.51   0.000   .
3446116   .5263667
f3_r2two_UW1 |   .1432634   .111981    1.28   0.204   -.
0790471   .3655739
_cons |   .0191642   .1657443    0.12   0.908   -.
3098799   .3482083

```

```

-----
Source |      SS      df      MS      Number of obs =
-----+-----
99
7.05
Model |  5.34290616   15  .356193744  F( 15, 83) =
0.0000  Residual |  4.19595533   83  .050553679  Prob > F    =
0.5601  Total |  9.5388615   98  .097335321  R-squared   =
0.4806  Root MSE   =
= .22484

```

----- speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
----- +-----					
f3_interceptt~W1   0284378 .0344539	.0030081	.0158102	0.19	0.850	-. .
speaker_race_b~k   3191099 .5242095	.4216597	.0515595	8.18	0.000	.
speaker_Age   0009839 .0082328	.0046083	.0018223	2.53	0.013	.
speaker_gender					
1 4349924 .5003352	.0326714	.2351298	0.14	0.890	-. .
2 0896456 .1040548	.0072046	.0486939	0.15	0.883	-. .
speaker_ses					
0807807 .0324663	-.0241572	.0284689	-0.85	0.399	-. .
speaker_cur~sion					
2 1476698 .3336477	.0929889	.1209973	0.77	0.444	-. .
3 1889056 .2852997	.048197	.1192094	0.40	0.687	-. .
4 2081837 .316774	.0542951	.1319679	0.41	0.682	-. .
5 1239068 .3099535	.0930233	.1090671	0.85	0.396	-. .
6 2275819 .3474552	.0599367	.1445572	0.41	0.679	-. .
7 0493639 .453482	.202059	.1264093	1.60	0.114	-. .
8 2413567 .3446671	.0516552	.1473192	0.35	0.727	-. .
9 3184842 .2114346	-.0535248	.1332151	-0.40	0.689	-. .
f3_r2two_UW1					
1416114 .3146718	.0865302	.114704	0.75	0.453	-. .
_cons					
6165696 .3538208	-.1313744	.2439442	-0.54	0.592	-. .

----- Source	SS	df	MS	Number of obs =
99				F( 3, 95) =
31.07				

Model		4.72389169	3	1.57463056	Prob > F	=
0.0000						
Residual		4.81496981	95	.050683893	R-squared	=
0.4952						
-----+						
0.4793					Adj R-squared	=
Total		9.5388615	98	.097335321	Root MSE	
= .22513						

speaker_~m_black		Coef.	Std. Err.	t	P> t	[95%
Conf. Interval]						
-----+						
f3_slopetwo_UW1		.2602632	.2212276	1.18	0.242	-. 1789291 .6994554
speaker_race_b~k		.4277249	.0459426	9.31	0.000	. 3365172 .5189326
f3_r2two_UW1		.1209349	.1077802	1.12	0.265	-. 0930358 .3349056
_cons		.0635264	.0414995	1.53	0.129	-. 0188606 .1459133

Source		SS	df	MS	Number of obs	=
99						
-----+						
7.14					F( 15, 83)	=
Model		5.37563943	15	.358375962	Prob > F	=
0.0000						
Residual		4.16322207	83	.050159302	R-squared	=
0.5636						
-----+						
0.4847					Adj R-squared	=
Total		9.5388615	98	.097335321	Root MSE	
= .22396						

speaker_~m_black		Coef.	Std. Err.	t	P> t	[95%
Conf. Interval]						
-----+						
f3_slopetwo_UW1		.2002249	.2412049	0.83	0.409	-. 279522 .6799718
speaker_race_b~k		.4150936	.0518078	8.01	0.000	. 31205 .5181373
speaker_Age		.0042423	.001866	2.27	0.026	.

0005308	.0079538					
speaker_gender						
1		.0231417	.2343046	0.10	0.922	-.
4428808	.4891642					
2		.0149241	.047919	0.31	0.756	-.
0803848	.110233					
speaker_ses						
0800944	.0324004	-.023847	.0282798	-0.84	0.402	-.
speaker_cur~sion						
2		.0909111	.120395	0.76	0.452	-.
1485497	.330372					
3		.0471678	.118146	0.40	0.691	-.
1878199	.2821555					
4		.0379059	.1300803	0.29	0.771	-.
2208185	.2966303					
5		.0994249	.1089295	0.91	0.364	-.
1172315	.3160813					
6		.0469757	.1441459	0.33	0.745	-.
2397248	.3336762					
7		.1978547	.1259494	1.57	0.120	-.
0526537	.448363					
8		.0672543	.1472298	0.46	0.649	-.
2255799	.3600886					
9		-.0608104	.1328591	-0.46	0.648	-.
3250619	.203441					
f3_r2two_UW1						
1443216	.2950339	.0753561	.1104486	0.68	0.497	-.
_cons		-.0937557	.1629221	-0.58	0.567	-.
4178011	.2302897					

Vowel--ty\_IY0

Source	SS	df	MS	Number of obs =
Model	4.75297552	3	1.58432517	F( 3, 95) =
Residual	4.78588598	95	.050377747	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

99  
31.45  
0.0000  
0.4983  
0.4824  
= .22445

speaker~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_interceptty~0   0125406 .0294703	.0084648	.0105807	0.80	0.426	-. .
speaker_race_b~k   3559896 .5389899	.4474898	.04609	9.71	0.000	.
f2_r2ty_IY0   0185913 .296441	.1389248	.0793432	1.75	0.083	-. .
_cons   2507912 .1889529	-.0309191	.1107527	-0.28	0.781	-. .

Source	SS	df	MS	Number of obs =
Model	5.43257805	15	.36217187	F( 15, 83) =
Residual	4.10628345	83	.049473295	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_interceptty~0   0090796 .0334356	.012178	.0106878	1.14	0.258	-. .
speaker_race_b~k   3299573 .5355694	.4327634	.0516883	8.37	0.000	.
speaker_Age   0011846 .0083521	.0047684	.0018018	2.65	0.010	.
speaker_gender					
1   4379012 .4899149	.0260069	.2332415	0.11	0.911	-. .
2   0879947 .0994479	.0057266	.0471208	0.12	0.904	-. .
speaker_ses					
	-.0260006	.0280765	-0.93	0.357	-. .

0818437	.0298424					
speaker_cur~sion						
2		.1041155	.120903	0.86	0.392	-.
1363558	.3445868					
3		.0527378	.1176931	0.45	0.655	-.
1813491	.2868247					
4		.0504666	.1294974	0.39	0.698	-.
2070985	.3080318					
5		.0963512	.108817	0.89	0.378	-.
1200815	.3127839					
6		.0623358	.1434527	0.43	0.665	-.
2229859	.3476575					
7		.2110125	.1268774	1.66	0.100	-.
0413416	.4633666					
8		.064434	.146623	0.44	0.661	-.
2271932	.3560612					
9		-.0289114	.1325064	-0.22	0.828	-.
2924612	.2346384					
f2_r2ty_IY0		.0898019	.0826742	1.09	0.281	-.
0746338	.2542375					
_cons		-.2349265	.1989265	-1.18	0.241	-.
6305834	.1607304					

Source	SS	df	MS	Number of obs =
Model	4.77434705	3	1.59144902	F( 3, 95) =
Residual	4.76451445	95	.050152784	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

31.73  
0.0000  
0.5005  
0.4847  
= .22395

	Coef.	Std. Err.	t	P> t	[95%
speaker_~m_black					
Conf. Interval]					
f2_slopety_IY0	-.182036	.1760599	-1.03	0.304	-.
531559	.1674871				
speaker_race_b~k	.4445806	.0457157	9.72	0.000	.
3538234	.5353378				

f2_r2ty_IY0	.1541598	.0811853	1.90	0.061	-.
0070133 .3153329					
_cons	.0455449	.0441236	1.03	0.305	-.
0420516 .1331413					

Source	SS	df	MS	Number of obs =
Model	5.39903557	15	.359935705	F( 15, 83) =
Residual	4.13982593	83	.049877421	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f2_slopety_IY0	-.1445792	.1843185	-0.78	0.435	-.
5111813 .2220229					
speaker_race_b~k	.4251841	.0516234	8.24	0.000	.
3225072 .5278609					
speaker_Age	.0043881	.0018361	2.39	0.019	.
0007362 .0080401					
speaker_gender					
1	.043791	.2338299	0.19	0.852	-.
4212873 .5088694					
2	.009307	.0473292	0.20	0.845	-.
0848288 .1034428					
speaker_ses	-.025359	.0281838	-0.90	0.371	-.
0814155 .0306974					
speaker_cur~sion					
2	.0790732	.1206035	0.66	0.514	-.
1608024 .3189488					
3	.0310477	.1188338	0.26	0.795	-.
205308 .2674033					
4	.0237168	.1307578	0.18	0.857	-.
2363553 .2837888					
5	.0749195	.1092323	0.69	0.495	-.

1423391	.2921781					
	6	.0487279	.1435223	0.34	0.735	-.
2367321	.334188					
	7	.1893267	.1262413	1.50	0.137	-.
0617621	.4404156					
	8	.0428407	.146271	0.29	0.770	-.
2480864	.3337677					
	9	-.0559735	.1333999	-0.42	0.676	-.
3213005	.2093536					
f2_r2ty_IY0		.1006823	.0849098	1.19	0.239	-.
0681999	.2695645					
	_cons	-.088567	.1637222	-0.54	0.590	-.
4142038	.2370698					

Source	SS	df	MS	Number of obs =
99				F( 3, 95) =
30.64				Prob > F =
Model	4.69104692	3	1.56368231	R-squared =
0.0000				Adj R-squared =
Residual	4.84781458	95	.051029627	Root MSE
0.4918				
0.4757				
Total	9.5388615	98	.097335321	
= .2259				

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_interceptty~0	.0193372	.0140567	1.38	0.172	-.
0085689	.0472434				
speaker_race_b~k	.429139	.0460795	9.31	0.000	.
3376596	.5206185				
f3_r2ty_IY0	.0412033	.0822359	0.50	0.618	-.
1220557	.2044623				
_cons	-.1274063	.1586363	-0.80	0.424	-.
4423392	.1875267				

Source	SS	df	MS	Number of obs =
99				F( 15, 83) =



```

7.15
Model | 5.37642341 15 .358428228 Prob > F =
0.0000
Residual | 4.16243808 83 .050149856 R-squared =
0.5636
-----+-----
0.4848 Adj R-squared =
Total | 9.5388615 98 .097335321 Root MSE
= .22394

```

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-----
speaker_~m_black |      Coef.   Std. Err.      t    P>|t|    [95%
Conf. Interval]
-----+-----
f3_interceptty~0 |  .0156155   .0143383    1.09   0.279   -.
0129027   .0441338
speaker_race_b~k |  .4181827   .0534956    7.82   0.000   .
3117822   .5245832
    speaker_Age |  .0045441   .0018307    2.48   0.015   .
0009029   .0081853
    speaker_gender
      1 |  .015068   .2340623    0.06   0.949   -.
4504724   .4806084
      2 |  .0041896   .0477462    0.09   0.930   -.
0907757   .099155
    speaker_ses | -0.0248495 .0282702   -0.88   0.382   -.
0810778   .0313788
    speaker_cur~sion
      2 |  .1077888   .1210206    0.89   0.376   -.
1329164   .348494
      3 |  .0624374   .1193562    0.52   0.602   -.
1749572   .2998321
      4 |  .0604879   .1300555    0.47   0.643   -.
1981873   .3191631
      5 |  .0958959   .108813    0.88   0.381   -.
1205288   .3123206
      6 |  .0641994   .1440634    0.45   0.657   -.
222337   .3507358
      7 |  .2176453   .1264196    1.72   0.089   -.
0337982   .4690888
      8 |  .0555633   .1462988    0.38   0.705   -.
2354192   .3465458
      9 | -0.037015   .1333519   -0.28   0.782   -.
3022466   .2282166
    |

```

f3_r2ty_IY0	.0140259	.0891483	0.16	0.875	-.
1632865	.1913382				
_cons	-.2606773	.2248128	-1.16	0.250	-.
707821	.1864663				

Source	SS	df	MS	Number of obs =
99				F( 3, 95) =
29.69				Prob > F =
Model	4.61595591	3	1.53865197	R-squared =
0.0000				Adj R-squared =
Residual	4.92290559	95	.051820059	Root MSE
0.4839				
0.4676				
Total	9.5388615	98	.097335321	
= .22764				

speaker_m_black	Coef.	Std. Err.	t	P> t	[95%
Conf. Interval]					
+-----					
f3_slopety_IY0	-.1436071	.223057	-0.64	0.521	-.
5864313	.299217				
speaker_race_b~k	.4318215	.0464368	9.30	0.000	.
3396328	.5240101				
f3_r2ty_IY0	.0661726	.0858425	0.77	0.443	-.
1042463	.2365916				
_cons	.0804483	.0458937	1.75	0.083	-.
0106621	.1715587				

Source	SS	df	MS	Number of obs =
99				F( 15, 83) =
6.97				Prob > F =
Model	5.31838105	15	.354558737	R-squared =
0.0000				Adj R-squared =
Residual	4.22048045	83	.050849162	Root MSE
0.5575				
0.4776				
Total	9.5388615	98	.097335321	
= .2255				

speaker_~m_black   Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_slopety_IY0   5081163 .4288328	-.0396417	.2355375	-0.17	0.867	-. .
speaker_race_b~k   3129333 .5284091	.4206712	.054168	7.77	0.000	. .
speaker_Age   0008778 .0084384	.0046581	.0019006	2.45	0.016	. .
speaker_gender					
1   4435114 .4938155	.025152	.2356325	0.11	0.915	-. .
2   0876523 .1041839	.0082658	.0482253	0.17	0.864	-. .
speaker_ses					
0789743 .0340131	-.0224806	.0284036	-0.79	0.431	-. .
speaker_cur~sion					
2   1470929 .3377584	.0953328	.1218856	0.78	0.436	-. .
3   1902045 .2872077	.0485016	.1200155	0.40	0.687	-. .
4   2070755 .3135481	.0532363	.1308784	0.41	0.685	-. .
5   1288713 .3085033	.089816	.1099506	0.82	0.416	-. .
6   2313959 .3450773	.0568407	.1449183	0.39	0.696	-. .
7   0420996 .4640693	.2109848	.1272446	1.66	0.101	-. .
8   2380585 .3480149	.0549782	.1473316	0.37	0.710	-. .
9   3200296 .2123188	-.0538554	.1338258	-0.40	0.688	-. .
f3_r2ty_IY0   1577075 .206033	.0241628	.0914399	0.26	0.792	-. .
_cons   4377051 .2461832	-.0957609	.1719211	-0.56	0.579	-. .

Vowel--ven\_AH0

Source	SS	df	MS	Number of obs =
99				

```

-----+-----
31.67
Model | 4.77005547 3 1.59001849
0.0000
Residual | 4.76880603 95 .050197958
0.5001
-----+-----
0.4843
Total | 9.5388615 98 .097335321
= .22405

```

```

F( 3, 95) =
Prob > F =
R-squared =
Adj R-squared =
Root MSE

```

```

-----
speaker_~m_black | Coef. Std. Err. t P>|t| [95%
Conf. Interval]
-----+-----
f2_interceptve~0 | -.0017445 .0225609 -0.08 0.939 -.
0465336 .0430447
speaker_race_b~k | .436787 .0453224 9.64 0.000 .
3468106 .5267634
f2_r2ven_AH0 | .1362534 .072322 1.88 0.063 -.
0073239 .2798306
_cons | .0428719 .1655447 0.26 0.796 -.
2857758 .3715196
-----

```

```

-----
Source | SS df MS
99
-----+-----
7.59
Model | 5.51563634 15 .367709089
0.0000
Residual | 4.02322516 83 .048472592
0.5782
-----+-----
0.5020
Total | 9.5388615 98 .097335321
= .22016

```

```

Number of obs =
F( 15, 83) =
Prob > F =
R-squared =
Adj R-squared =
Root MSE

```

```

-----
speaker_~m_black | Coef. Std. Err. t P>|t| [95%
Conf. Interval]
-----+-----
f2_interceptve~0 | .0121233 .0241122 0.50 0.616 -.
035835 .0600816
speaker_race_b~k | .4224278 .0504452 8.37 0.000 .

```

3220943	.5227613					
0008752	.0080641	speaker_Age	.0044696	.0018072	2.47	0.015
		speaker_gender				
		1	.0672019	.2312463	0.29	0.772
3927376	.5271414	2	.0086459	.0479859	0.18	0.857
0867961	.1040879					
		speaker_ses	-.0269247	.0280538	-0.96	0.340
0827227	.0288733					
		speaker_cur~sion				
		2	.1059338	.1197553	0.88	0.379
1322547	.3441222	3	.0487265	.1170741	0.42	0.678
1841291	.2815821	4	.0831845	.1322041	0.63	0.531
1797641	.3461332	5	.1049341	.1088167	0.96	0.338
111498	.3213663	6	.0941024	.1432385	0.66	0.513
1907932	.378998	7	.2343267	.1232131	1.90	0.061
0107392	.4793926	8	.0467756	.1450524	0.32	0.748
2417278	.3352791	9	-.0437542	.1304678	-0.34	0.738
3032494	.2157411					
		f2_r2ven_AH0	.1499162	.0735456	2.04	0.045
0036369	.2961955	_cons	-.2351575	.241522	-0.97	0.333
715535	.24522					

Source	SS	df	MS	Number of obs =
Model	4.77065676	3	1.59021892	F( 3, 95) =
Residual	4.76820473	95	.050191629	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE =

speaker_m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopeven_AH0 9525407 .8320717	-.0602345	.4494677	-0.13	0.894	-. .
speaker_race_b~k 3473166 .5267076	.4370121	.045181	9.67	0.000	.
f2_r2ven_AH0 0183442 .3049669	.1433113	.0814283	1.76	0.082	-. .
_cons 0650813 .1262372	.0305779	.048185	0.63	0.527	-. .

Source	SS	df	MS	Number of obs =
Model	5.51335131	15	.367556754	F( 15, 83) =
Residual	4.02551018	83	.048500123	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

speaker_m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f2_slopeven_AH0 -1.122025 .7054688	-.2082782	.4594095	-0.45	0.651	
speaker_race_b~k 319736 .5198167	.4197763	.0502978	8.35	0.000	.
speaker_Age 0008386 .0079833	.0044109	.0017961	2.46	0.016	.
speaker_gender 1 3865172 .533505	.0734939	.2312823	0.32	0.751	-. .
2 0799901 .1060747	.0130423	.0467744	0.28	0.781	-. .

0820936	speaker_ses	-.0264474	.0279776	-0.95	0.347	-.
138543	speaker_cur~sion	.0967758	.1183125	0.82	0.416	-.
1922565	2	.039066	.1163032	0.34	0.738	-.
1840392	3	.0701348	.1277924	0.55	0.585	-.
1196079	4	.0929454	.1068666	0.87	0.387	-.
1968819	5	.0849534	.1416998	0.60	0.550	-.
015792	6	.2281625	.1226543	1.86	0.066	-.
2569418	7	.0313775	.1449598	0.22	0.829	-.
3038378	8	-.0443202	.1304791	-0.34	0.735	-.
006595	9	.1604452	.0839837	1.91	0.060	-.
4654901	f2_r2ven_AH0	-.1424093	.1624371	-0.88	0.383	-.
	_cons					

Source	SS	df	MS	Number of obs =
Model	4.58891856	3	1.52963952	F( 3, 95) =
Residual	4.94994294	95	.052104662	Prob > F =
Total	9.5388615	98	.097335321	R-squared =
				Adj R-squared =
				Root MSE

29.36  
0.0000  
0.4811  
0.4647  
= .22826

speaker_~m_black	Coef.	Std. Err.	t	P> t	[95%
f3_interceptve~0	-.012117	.023396	-0.52	0.606	-.
0585639	.03433				
speaker_race_b~k	.4299214	.0458861	9.37	0.000	.

338826	.5210167					
f3_r2ven_AH0		-.0156445	.079829	-0.20	0.845	-.
1741251	.142836					
_cons		.229428	.2466191	0.93	0.355	-.
2601727	.7190288					

Source	SS	df	MS	Number of obs =
Model	5.33839746	15	.355893164	F( 15, 83) =
Residual	4.20046404	83	.050608	Prob > F =
Total	9.5388615	98	.097335321	R-squared =

99  
 7.03  
 0.0000  
 0.5596  
 0.4801  
 = .22496  
 Adj R-squared =  
 Root MSE

speaker_~m_black Conf. Interval]	Coef.	Std. Err.	t	P> t	[95%
f3_interceptve~0	-.0132207	.0242033	-0.55	0.586	-.
0613601 .0349188					
speaker_race_b~k	.422162	.0516956	8.17	0.000	.
3193415 .5249826					
speaker_Age	.0049157	.0018504	2.66	0.009	.
0012354 .008596					
speaker_gender					
1	.0146459	.2368232	0.06	0.951	-.
4563859 .4856777					
2	.0081928	.0477915	0.17	0.864	-.
0868627 .1032483					
speaker_ses	-.0219099	.0283368	-0.77	0.442	-.
0782706 .0344508					
speaker_cur~sion					
2	.105144	.1236252	0.85	0.397	-.
1407416 .3510295					
3	.0465612	.1193795	0.39	0.698	-.
1908799 .2840023					
4	.0494938	.1318608	0.38	0.708	-.
2127719 .3117596					



1336144	5		.0872216	.1110309	0.79	0.434	-.
	.3080577						
2371697	6		.0550225	.1469071	0.37	0.709	-.
	.3472147						
0356087	7		.2139691	.1254816	1.71	0.092	-.
	.4635469						
232035	8		.0608887	.1472748	0.41	0.680	-.
	.3538124						
3143528	9		-.0488442	.1334912	-0.37	0.715	-.
	.2166644						
	f3_r2ven_AH0		-.0459907	.0835781	-0.55	0.584	-.
2122241	.1202427						
	_cons		.0499931	.2963512	0.17	0.866	-.
5394376	.6394237						

Source	SS	df	MS	Number of obs =
99				F( 3, 95) =
29.32				Prob > F =
Model	4.5855736	3	1.52852453	R-squared =
0.0000				Adj R-squared =
Residual	4.9532879	95	.052139873	Root MSE
0.4807				
0.4643				
Total	9.5388615	98	.097335321	
= .22834				

	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
f3_slopeven_AH0	.2136926	.4732466	0.45	0.653	-.7258207
1.153206					
speaker_race_b~k	.4322148	.0461709	9.36	0.000	.
3405539	.5238757				
f3_r2ven_AH0	-.023471	.0870394	-0.27	0.788	-.
1962661	.149324				
_cons	.1023825	.0456209	2.24	0.027	.
0118136	.1929514				

Source	SS	df	MS	Number of obs =
99				

```

-----+-----
6.99
Model | 5.32329975 15 .35488665
0.0000
Residual | 4.21556175 83 .050789901
0.5581
-----+-----
0.4782
Total | 9.5388615 98 .097335321
= .22537

```

```

F( 15, 83) =
Prob > F =
R-squared =
Adj R-squared =
Root MSE

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-----
speaker_~m_black |      Coef.   Std. Err.    t    P>|t|    [95%
Conf. Interval]
-----+-----
f3_slopeven_AH0 |  -.0033004   .490698   -0.01   0.995   -.
979279   .9726781
speaker_race_b~k |  .4200096   .0524296    8.01   0.000   .
3157293   .5242899
speaker_Age |  .0048187   .0018569    2.60   0.011   .
0011254   .0085119
speaker_gender |
1 |  .0122608   .2372815    0.05   0.959   -.
4596825   .4842042
2 |  .0070962   .0478399    0.15   0.882   -.
0880555   .1022479
speaker_ses |  -.0226825   .0286269   -0.79   0.430   -.
0796202   .0342552
speaker_cur~sion |
2 |  .1059827   .1242388    0.85   0.396   -.
1411233   .3530887
3 |  .0511572   .1204204    0.42   0.672   -.
1883542   .2906685
4 |  .0580185   .1312437    0.44   0.660   -.
2030199   .319057
5 |  .0969775   .1098917    0.88   0.380   -.
1215928   .3155478
6 |  .0670727   .1455564    0.46   0.646   -.
2224331   .3565785
7 |  .2177705   .1255141    1.74   0.086   -.
031872   .467413
8 |  .0595776   .1478833    0.40   0.688   -.
2345564   .3537116
9 |  -.0476946   .1337157   -0.36   0.722   -.
3136498   .2182605

```

f3_r2ven_AH0		-.0341219	.0909021	-0.38	0.708	-.
2149225	.1466788					
_cons		-.0849763	.1642729	-0.52	0.606	-.
4117086	.241756					

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