

The SAS System

The PANEL Procedure Wansbeek and Kapteyn Variance Components (RanOne)

Dependent Variable: BRAND_SALES

Model Description	
Estimation Method	RanOne
Number of Cross Sections	49
Time Series Length	52

Fit Statistics			
SSE	2.138251E12	DFE	2504
MSE	853934227.5	Root MSE	29222.1530
R-Square	0.5897		

Variance Component Estimates	
Variance Component for Cross Sections	8.086E8
Variance Component for Error	8.543E8

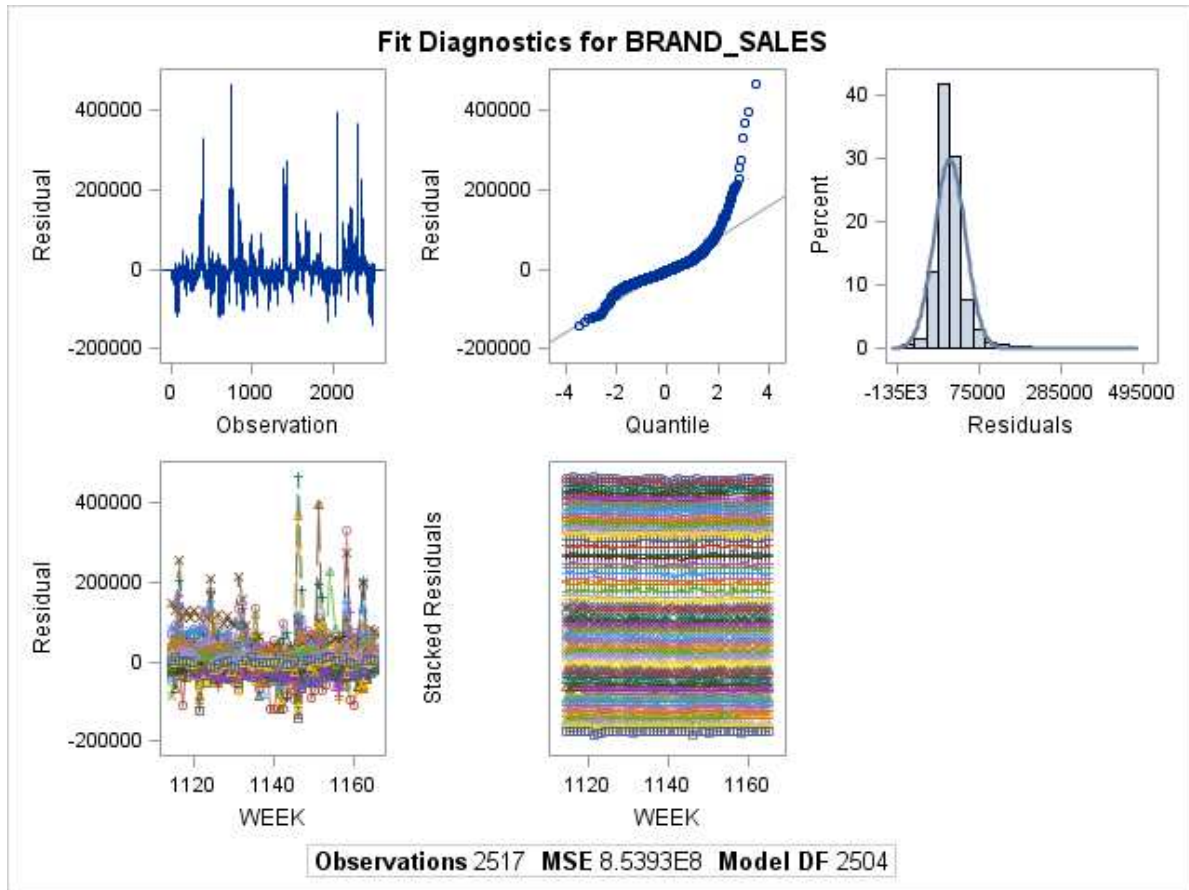
Hausman Test for Random Effects		
DF	m Value	Pr > m
12	30.12	0.0027

Parameter Estimates					
Variable	DF	Estimate	Standard Error	t Value	Pr > t
Intercept	1	186295.5	13186.9	14.13	<.0001
WEIGHTED_AVG_PRICE	1	-1.116E7	695650	-16.05	<.0001
WEIGHTED_AVG_DISPLAY	1	27403.46	2765.0	9.91	<.0001
WEIGHTED_AVG_PR	1	636.7823	3323.0	0.19	0.8480
WEIGHTED_AVG_FA	1	71733.04	9969.2	7.20	<.0001
WEIGHTED_AVG_F_B	1	122681.5	4505.9	27.23	<.0001
WEIGHTED_AVG_F_C	1	13473.83	22417.0	0.60	0.5479
KL_WEIGHTED_AVG_PRICE	1	-260907	759003	-0.34	0.7311
KL_WEIGHTED_AVG_DISPLAY	1	-7045.35	2586.8	-2.72	0.0065
KL_WEIGHTED_AVG_PR	1	2245.267	3435.3	0.65	0.5134
SC_WEIGHTED_AVG_PRICE	1	524762.7	478864	1.10	0.2733
SC_WEIGHTED_AVG_DISPLAY	1	1590.308	1660.7	0.96	0.3384
SC_WEIGHTED_AVG_PR	1	-979.143	2046.1	-0.48	0.6323

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Dependent Variable: BRAND_SALES



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The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
ID	2517	2379.59	2700.86	0	13105.00
COLUPC	2517	13819221776	1085429681	13700031680	23700062262
VOL_EQ	2517	1.0560985	1.0050946	0.1200000	6.4800000
IRI_KEY	2517	331978.16	153575.64	200171.00	684023.00
WEEK	2517	1139.45	14.9711287	1114.00	1165.00
UNITS	2517	57.3504172	50.5782812	1.0000000	552.0000000
DOLLARS	2517	85.0709297	66.2521632	0.5000000	1267.46
TYPE_DISPEN_ASSORTED	2517	0	0	0	0
TYPE_DISPEN_POPUP	2517	0.0059595	0.0769826	0	1.0000000
TYPE_DISPEN_TEAROPEN	2517	0.0194676	0.1381891	0	1.0000000
TYPE_DISPEN_TOPSIDEOPENING	2517	0.0135081	0.1154598	0	1.0000000
TYPE_DISPEN_TOOPENING	2517	0.9610648	0.1934791	0	1.0000000
BRAND_SALES	2517	64973.79	61469.83	8568.00	708284.00
UNIT_PRICE	2517	1.9561170	1.3544982	0.5000000	5.7900000
SHEET_PRICE	2517	0.0207868	0.0041408	0.0077006	0.0416667
SALES_SHARE	2517	0.0897429	0.0815050	0.000127894	1.0000000
WEIGHTED_AVG_PRICE	2517	0.0118505	0.0017502	0.0051512	0.0168264
WEIGHTED_AVG_DISPLAY	2517	0.0609650	0.2321771	0	1.9204113
WEIGHTED_AVG_PR	2517	0.1561429	0.2823381	0	1.0000000
WEIGHTED_AVG_S_ASSORTED	2517	0	0	0	0
WEIGHTED_AVG_S_EXTRALARGE	2517	0	0	0	0
WEIGHTED_AVG_S_FAMILY	2517	0.5285306	0.1858359	0.0309616	1.0000000
WEIGHTED_AVG_S_FULLSIZE	2517	0.0502726	0.0539019	0	0.4875662
WEIGHTED_AVG_S_JUNIOR	2517	0	0	0	0
WEIGHTED_AVG_S_MISSING	2517	0.4052265	0.1837009	0	0.9677326
WEIGHTED_AVG_S_POCKET	2517	0.000836506	0.0034872	0	0.0281172
WEIGHTED_AVG_S_REGULAR	2517	0.0151339	0.0749667	0	0.7705858
WEIGHTED_AVG_S_TRAVEL	2517	0	0	0	0
WEIGHTED_AVG_2PLY	2517	1.0000000	0	1.0000000	1.0000000
WEIGHTED_AVG_3PLY	2517	0	0	0	0
WEIGHTED_AVG_FA	2517	0.0064323	0.0632379	0	0.9602057
WEIGHTED_AVG_F_A_PLUS	2517	0	0	0	0
WEIGHTED_AVG_F_B	2517	0.0612411	0.1929676	0	0.9341847
WEIGHTED_AVG_F_C	2517	0.0019331	0.0271487	0	0.5089114
WEIGHTED_AVG_F_NONE	2517	0.9303934	0.2028572	0.0111232	1.0000000
WEIGHTED_AVG_ADD_ALOEVERA	2517	0	0	0	0
WEIGHTED_AVG_ADD_ALOEVERA_LOTION	2517	0.3528561	0.1535010	0.0146396	1.0000000
WEIGHTED_AVG_ADD_ASSORTED	2517	7.2404829E-6	0.000187486	0	0.0058964
WEIGHTED_AVG_ADD_LOTION	2517	0	0	0	0
WEIGHTED_AVG_ADD_MENTHOL	2517	0	0	0	0
WEIGHTED_AVG_ADD_MISSING	2517	0.1440022	0.0994502	0	0.6351995
WEIGHTED_AVG_ADD_NO	2517	0	0	0	0
WEIGHTED_AVG_ADD_NO_DIP	2517	0	0	0	0
WEIGHTED_AVG_ADD_NOLOTION	2517	0.5031345	0.1899531	0	0.9785805
WEIGHTED_AVG_C_ASSORTED	2517	0	0	0	0
WEIGHTED_AVG_C_ASSORTEDPRINT	2517	0	0	0	0
WEIGHTED_AVG_C_HOLIDAY	2517	0	0	0	0
WEIGHTED_AVG_C_MISSING	2517	0	0	0	0
WEIGHTED_AVG_C_PRINT	2517	0.000166540	0.0025731	0	0.0693878
WEIGHTED_AVG_C_WHITE	2517	0.9998335	0.0025731	0.9306122	1.0000000
store_200171	2517	0.0206595	0.1422700	0	1.0000000

store_200633	2517	0.0202622	0.1409239	0	1.0000000
store_217804	2517	0.0206595	0.1422700	0	1.0000000
store_220159	2517	0.0186730	0.1353943	0	1.0000000
store_220679	2517	0.0206595	0.1422700	0	1.0000000
store_222077	2517	0.0206595	0.1422700	0	1.0000000
store_223759	2517	0.0206595	0.1422700	0	1.0000000
store_225023	2517	0.0206595	0.1422700	0	1.0000000
store_234702	2517	0.0206595	0.1422700	0	1.0000000
store_234748	2517	0.0206595	0.1422700	0	1.0000000
store_242224	2517	0.0206595	0.1422700	0	1.0000000
store_244092	2517	0.0206595	0.1422700	0	1.0000000
store_247176	2517	0.0206595	0.1422700	0	1.0000000
store_252139	2517	0.0206595	0.1422700	0	1.0000000
store_252147	2517	0.0202622	0.1409239	0	1.0000000
store_252570	2517	0.0206595	0.1422700	0	1.0000000
store_253139	2517	0.0206595	0.1422700	0	1.0000000
store_255563	2517	0.0206595	0.1422700	0	1.0000000
store_258282	2517	0.0206595	0.1422700	0	1.0000000
store_259495	2517	0.0206595	0.1422700	0	1.0000000
store_264203	2517	0.0206595	0.1422700	0	1.0000000
store_266481	2517	0.0206595	0.1422700	0	1.0000000
store_266824	2517	0.0198649	0.1395638	0	1.0000000
store_267699	2517	0.0206595	0.1422700	0	1.0000000
store_271172	2517	0.0202622	0.1409239	0	1.0000000
store_271962	2517	0.0202622	0.1409239	0	1.0000000
store_274125	2517	0.0202622	0.1409239	0	1.0000000
store_276392	2517	0.0206595	0.1422700	0	1.0000000
store_277330	2517	0.0206595	0.1422700	0	1.0000000
store_278346	2517	0.0206595	0.1422700	0	1.0000000
store_278571	2517	0.0206595	0.1422700	0	1.0000000
store_283639	2517	0.0206595	0.1422700	0	1.0000000
store_284950	2517	0.0206595	0.1422700	0	1.0000000
store_286951	2517	0.0206595	0.1422700	0	1.0000000
store_288066	2517	0.0202622	0.1409239	0	1.0000000
store_291278	2517	0.0206595	0.1422700	0	1.0000000
store_291506	2517	0.0206595	0.1422700	0	1.0000000
store_292593	2517	0.0206595	0.1422700	0	1.0000000
store_293336	2517	0.0206595	0.1422700	0	1.0000000
store_532828	2517	0.0206595	0.1422700	0	1.0000000
store_536067	2517	0.0182757	0.1339733	0	1.0000000
store_646857	2517	0.0206595	0.1422700	0	1.0000000
store_647512	2517	0.0202622	0.1409239	0	1.0000000
store_648235	2517	0.0206595	0.1422700	0	1.0000000
store_648459	2517	0.0202622	0.1409239	0	1.0000000
store_649405	2517	0.0170838	0.1296096	0	1.0000000
store_657004	2517	0	0	0	0
store_657979	2517	0.0202622	0.1409239	0	1.0000000
store_668871	2517	0.0206595	0.1422700	0	1.0000000
store_684023	2517	0.0206595	0.1422700	0	1.0000000
KL_WEIGHTED_AVG_PRICE	2517	0.0104572	0.0016896	0.0045582	0.0160715
KL_WEIGHTED_AVG_DISPLAY	2517	0.1200193	0.2670510	0	1.7060592
KL_WEIGHTED_AVG_PR	2517	0.1970268	0.2828561	0	0.9677018
SC_WEIGHTED_AVG_PRICE	2517	0.0082314	0.0019312	0.0035256	0.0152136
SC_WEIGHTED_AVG_DISPLAY	2517	0.1485561	0.4084784	0	2.0000000
SC_WEIGHTED_AVG_PR	2517	0.2990389	0.3785375	0	1.0000000

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