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ภาคผนวก

ตาราง ก. แสดงค่าเฉลี่ยความเป็นกรดด่างของกาวยึดฟันปลอมทั้ง 9 ชนิด

กาวยึดฟันปลอม	ค่าความเป็นกรดด่าง ± SD
Tragacanth 12%	5.9 ± 0.18
Tragacanth 13%	6.09 ± 0.22
Tragacanth 14%	6.05 ± 0.16
Tragacanth 15%	5.88 ± 0.27
Carboxymethylcellulose 4%	6.36 ± 0.15
Carboxymethylcellulose 4.5%	6.41 ± 0.21
Carboxymethylcellulose 5%	6.32 ± 0.19
Carboxymethylcellulose 5.5%	6.34 ± 0.17
Carboxymethylcellulose 6%	6.39 ± 0.29
Guar gum	6.88 ± 0.21
Guar gum	6.79 ± 0.31
Guar gum	6.91 ± 0.16
Guar gum	6.82 ± 0.24
Hydroxyethylcellulose 3.5%	6.87 ± 0.16
Hydroxyethylcellulose 4%	6.76 ± 0.26
Hydroxyethylcellulose 4.5%	6.89 ± 0.14
Hydroxyethylcellulose 5%	6.90 ± 0.22
Carbopol	2.85 ± 0.17
Carbopol	2.83 ± 0.23
Carbopol	2.91 ± 0.31
Carbopol	2.82 ± 0.21
Carbopol	2.93 ± 0.29
Neutralized Carbopol	6.85 ± 0.19
Neutralized Carbopol	6.87 ± 0.34
Neutralized Carbopol	6.81 ± 0.27
Neutralized Carbopol	6.91 ± 0.19
Neutralized Carbopol	6.89 ± 0.18

ตาราง ก. แสดงค่าความเป็นกรดด่างเฉลี่ยของกาวยึดฟันปลอมทั้ง 9 ชนิด

กาวยึดฟันปลอม	ค่าความเป็นกรดด่าง ± SD
Glucomanan	5.78 ± 0.10
Glucomanan	5.74 ± 0.14
Glucomanan	5.86 ± 0.16
Glucomanan	5.82 ± 0.18
Xanthan	5.87 ± 0.11
Xanthan	5.84 ± 0.19
Xanthan	5.86 ± 0.17
Xanthan	5.81 ± 0.23
Hydroxypropylmethylcellulose 3.5%	8.25 ± 0.26
Hydroxypropylmethylcellulose 4.0%	8.22 ± 0.24
Hydroxypropylmethylcellulose 4.5%	8.34 ± 0.19
Hydroxypropylmethylcellulose 5.0%	8.27 ± 0.17
Pregel alpha starch 30%	7.02 ± 0.15
Pregel alpha starch 35%	7.08 ± 0.09
Pregel alpha starch 40%	7.06 ± 0.07
Pregel alpha starch 45%	7.04 ± 0.17

ตาราง ข. แสดงการทดสอบความเท่ากันของค่าแปรปรวนของความหนืดของสารแต่ละชนิด

Test of Homogeneity of Variances

Viscosity

meterial	Levene Statistic	df1	df2	Sig.
T	6.691	3	36	.001
C	1.524	5	54	.198
GG	1.560	3	36	.216
H	.695	3	36	.561
G	1.163	3	36	.337
NP	3.127	4	45	.024
X	3.684	4	45	.011
HP	21.306	3	36	.000
S	2.991	3	36	.044

ตาราง ค. แสดงการวิเคราะห์ความแปรปรวนแบบทางเดียวของความหนืดของสารแต่ละชนิด

ANOVA

Viscosity

meterial		Sum of Squares	df	Mean Square	F	Sig.
T	Between Groups	17107837240	3	5702612413	378.739	.000
	Within Groups	542045600.00	36	15056822.22		
	Total	17649882840	39			
C	Between Groups	20231176453	5	4046235291	1586.715	.000
	Within Groups	137703840.00	54	2550071.111		
	Total	20368880293	59			
GG	Between Groups	9251846400.0	3	3083948800	614.048	.000
	Within Groups	180803840.00	36	5022328.889		
	Total	9432650240.0	39			
H	Between Groups	14434863668	3	4811621223	482.403	.000
	Within Groups	359074330.00	36	9974286.944		
	Total	14793937998	39			
G	Between Groups	15968835310	3	5322945103	322.685	.000
	Within Groups	593848040.00	36	16495778.89		
	Total	16562683350	39			
NP	Between Groups	7658306560.0	4	1914576640	2411.816	.000
	Within Groups	35722440.000	45	793832.000		
	Total	7694029000.0	49			
X	Between Groups	11426959072	4	2856739768	210.322	.000
	Within Groups	611222440.00	45	13582720.89		
	Total	12038181512	49			
HP	Between Groups	9379278560.0	3	3126426187	2954.314	.000
	Within Groups	38097280.000	36	1058257.778		
	Total	9417375840.0	39			
S	Between Groups	17484359790	3	5828119930	1267.181	.000
	Within Groups	165574120.00	36	4599281.111		
	Total	17649933910	39			

หมายเหตุ

T = Tragacanth, C = Carboxymethylcellulose, GG = Guar gum,

H = Hydroxyethylcellulose, G = Glucomannan, NP = Neutralized carbopol, X = Xanthan,

HP = Hydroxypropylmethylcellulose, S = Pregelatinized alpha starch

ตาราง ง. แสดงการวิเคราะห์ความแปรปรวนแบบสองทางของพื้นที่การไหลแผ่ของสารแต่ละชนิด

Tests of Between-Subjects Effects

Dependent Variable: Flow

material	Source	Type III Sum of Squares	df	Mean Square	F	Sig.
T	Corrected Model	73799122(a)	31	2380616	643.2	.000
	Intercept	1951005618	1	1951005618	527178.5	.000
	conc	35626340	3	11875446	3208.8	.000
	Time	17850731	3	5950243	1607.8	.000
	Kg	16958210	1	16958210	4582.2	.000
	conc * Time	840390	9	93376	25.2	.000
	conc * Kg	2261149	3	753716	203.6	.000
	Time * Kg	162464	3	54154	14.6	.000
	conc * Time * Kg	99836	9	11092	2.9	.062
	Error	1065843	288	3700		
	Total	2025870584	320			
	Corrected Total	74864966	319			
C	Corrected Model	245728933(b)	39	6300741	327.9	.000
	Intercept	5386847177	1	5386847177	280395.6	.000
	conc	97382122	4	24345530	1267.2	.000
	Time	82989994	3	27663331	1439.9	.000
	Kg	48055966	1	48055966	2501.4	.000
	conc * Time	6721250	12	560104	29.1	.000
	conc * Kg	7884011	4	1971002	102.5	.000
	Time * Kg	208809	3	69603	3.6	.013
	conc * Time * Kg	2486777	12	207231	10.7	.073
	Error	6916173	360	19211		
	Total	5639492284	400			
	Corrected Total	252645107	399			
GG	Corrected Model	526762621(c)	31	16992342.632	618.3	.000
	Intercept	7272015313	1	7272015313	264626.3	.000
	conc	289881055	3	96627018	3516.2	.000
	Time	149817268	3	49939089	1817.2	.000
	Kg	66279243	1	66279243	2411.8	.000
	conc * Time	17596057	9	1955117	71.1	.000
	conc * Kg	1769542	3	589847	21.4	.000
	Time * Kg	1281567	3	427189	15.5	.000
	conc * Time * Kg	137886	9	15320	.55	.831
	Error	7914329	288	27480		
	Total	7806692263	320			
	Corrected Total	534676950	319			

ตาราง ง. แสดงการวิเคราะห์ความแปรปรวนแบบสองทางของพื้นที่การไหลแผ่ของสารแต่ละ
ชนิด (ต่อ)

material	Source	Type III Sum of Squares	df	Mean Square	F	Sig.
H	Corrected Model	267714160(d)	31	8635940	185.1	.000
	Intercept	6574818875	1	6574818875	140960.3	.000
	conc	74357029	3	24785676	531.3	.000
	Time	157402991	3	52467663	1124.8	.000
	Kg	29830221	1	29830221	639.5	.000
	conc * Time	3445905	9	382878	8.2	.000
	conc * Kg	1510381	3	503460	10.7	.000
	Time * Kg	560870	3	186956	4.0	.008
	conc * Time * Kg	606759	9	67417	1.4	.168
	Error	13433198	288	46643		
	Total	6855966234	320			
	Corrected Total	281147359	319			
G	Corrected Model	540745291(e)	31	17443396	299.2	.000
	Intercept	8850106257	1	8850106257	151836.1	.000
	conc	243230409	3	81076803	1390.9	.000
	Time	193706999	3	64568999	1107.7	.000
	Kg	88799325	1	88799325	1523.4	.000
	conc * Time	11449078	9	1272119	21.8	.000
	conc * Kg	1979647	3	659882	11.3	.000
	Time * Kg	1392891	3	464297	7.9	.000
	conc * Time * Kg	186940	9	20771	.35	.955
	Error	16786713	288	58287		
	Total	9407638262	320			
	Corrected Total	557532004	319			
NP	Corrected Model	750522997(f)	39	19244179	253.9	.000
	Intercept	5048264992	1	5048264992	66629.7	.000
	conc	649914601	4	162478650	2144.4	.000
	Time	20029878	3	6676626	88.2	.000
	Kg	57379405	1	57379405	757.3	.000
	conc * Time	20195381	12	1682948	22.2	.000
	conc * Kg	2035635	4	508908	6.7	.000
	Time * Kg	385715	3	128571	1.7	.037
	conc * Time * Kg	582380	12	48531	.641	.807
	Error	27275748	360	75765		
	Total	5826063739	400			
	Corrected Total	777798746	399			

ตาราง ง. แสดงการวิเคราะห์ความแปรปรวนแบบสองทางของพื้นที่การไหลแผ่ของสารแต่ละ

ชนิด (ต่อ)

material	Source	Type III Sum of Squares	df	Mean Square	F	Sig.
X	Corrected Model	265356146(g)	39	6804003	189.1	.000
	Intercept	7217719375	1	7217719375	200590.8	.000
	conc	73074440	4	18268610	507.7	.000
	Time	72792849	3	24264283	674.3	.000
	Kg	113978556	1	113978556	3167.6	.000
	conc * Time	3151211	12	262600	7.3	.000
	conc * Kg	491523	4	122880	3.4	.009
	Time * Kg	1796824	3	598941	16.6	.000
	conc * Time * Kg	70741	12	5895	.16	.999
	Error	12953625	360	35982		
	Total	7496029146	400			
	Corrected Total	278309771	399			
HP	Corrected Model	600541921(h)	31	19372320	797.5	.000
	Intercept	9386243430	1	9386243430	386405.2	.000
	conc	224257957	3	74752652	3077.3	.000
	Time	300401998	3	100133999	4122.2	.000
	Kg	64544328	1	64544328	2657.1	.000
	conc * Time	9054005	9	1006000	41.4	.000
	conc * Kg	1131784	3	377261	15.5	.000
	Time * Kg	1143936	3	381312	15.6	.000
	conc * Time * Kg	7910	9	878	.036	1.000
	Error	6995862	288	24291		
	Total	9993781215	320			
	Corrected Total	607537784	319			
S	Corrected Model	317663516(i)	31	10247210	435.3	.000
	Intercept	6581302926	1	6581302926	279612.1	.000
	conc	156879719	3	52293239	2221.7	.000
	Time	96512814	3	32170938	1366.8	.000
	Kg	55673949	1	55673949	2365.3	.000
	conc * Time	4011943	9	445771	18.9	.000
	conc * Kg	3152531	3	1050843	44.6	.000
	Time * Kg	1247558	3	415852	17.6	.000
	conc * Time * Kg	184999	9	20555	.87	.550
	Error	6778730	288	23537		
	Total	6905745173	320			
	Corrected Total	324442246	319			

a R Squared = .986 (Adjusted R Squared = .984)
b R Squared = .973 (Adjusted R Squared = .970)
c R Squared = .985 (Adjusted R Squared = .984)
d R Squared = .952 (Adjusted R Squared = .947)
e R Squared = .970 (Adjusted R Squared = .967)
f R Squared = .965 (Adjusted R Squared = .961)
g R Squared = .953 (Adjusted R Squared = .948)
h R Squared = .988 (Adjusted R Squared = .987)
i R Squared = .979 (Adjusted R Squared = .977)

ตาราง จ. แสดงการเปรียบเทียบเชิงซ้อนของพื้นที่การไหลแผ่ ของกาวยึดฟันปลอมที่มีวางขายใน
ท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต

Multiple Comparisons

Dependent Variable: Flow
Tamhane

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Loweer Bound	Upper Bound
t14	t15	458.25600(*)	16.91272	.000	372.9938	543.5182
	c5.0	-1658.07200(*)	78.08128	.000	-2078.2023	-1237.9417
	c5.5	-1377.82200(*)	44.48591	.000	-1601.1022	-1154.5418
	c6.0	-832.87200(*)	40.12468	.000	-1030.2973	-635.4467
	gg5.0	-2526.27500(*)	88.74272	.000	-3007.8839	-2044.6661
	gg5.5	-2459.01900(*)	82.23877	.000	-2903.1672	-2014.8708
	p1.5	-1686.93800(*)	83.14427	.000	-2136.3096	-1237.5664
	p2.5	-630.39500(*)	39.60657	.000	-824.7529	-436.0371
	p3.5	-370.45400(*)	25.57973	.000	-484.7133	-256.1947
	p4.5	-37.02600	21.88144	1.000	-133.6574	59.6054
	x9.0	-2607.57300(*)	75.72804	.000	-3014.0808	-2201.0652
	x9.5	-2119.03100(*)	86.17818	.000	-2585.8844	-1652.1776
	x10.0	-1880.77200(*)	111.57339	.000	-2493.0402	-1268.5038
	Polident	864.70200(*)	32.33925	.000	712.9735	1016.4305
	Fittydent	-447.76500(*)	68.09841	.009	-809.9525	-85.5775
t15	t14	-458.25600(*)	16.91272	.000	-543.5182	-372.9938
	c5.0	-2116.32800(*)	76.68008	.000	-2543.0471	-1689.6089
	c5.5	-1836.07800(*)	41.97790	.000	-2066.5608	-1605.5952
	c6.0	-1291.12800(*)	37.32476	.000	-1495.0469	-1087.2091
	gg5.0	-2984.53100(*)	87.51239	.000	-3472.1950	-2496.8670
	gg5.5	-2917.27500(*)	80.90959	.000	-3367.7998	-2466.7502
	p1.5	-2145.19400(*)	81.82981	.000	-2600.8965	-1689.4915
	p2.5	-1088.65100(*)	36.76721	.000	-1289.3793	-887.9227
	p3.5	-828.71000(*)	20.91578	.000	-937.6266	-719.7934
	p4.5	-495.28200(*)	16.18470	.000	-576.2271	-414.3369
	x9.0	-3065.82900(*)	74.28245	.000	-3479.0469	-2652.6111
	x9.5	-2577.28700(*)	84.91069	.000	-3050.3203	-2104.2537
	x10.0	-2339.02800(*)	110.59733	.000	-2956.3757	-1721.6803
	Polident	406.44600(*)	28.79191	.000	251.5946	561.2974
	Fittydent	-906.02100(*)	66.48715	.000	-1275.3044	-536.7376
	Fittydent	-906.02100(*)	66.48715	.000	-1275.3044	-536.7376

ตาราง จ. แสดงการเปรียบเทียบเชิงซ้อนของพื้นที่การไหลแผ่ ของกาวยึดฟันปลอมที่มีวางขาย
ในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Loweer Bound	Upper Bound
c5.0	t14	1658.07200(*)	78.08128	.000	1237.9417	2078.2023
	t15	2116.32800(*)	76.68008	.000	1689.6089	2543.0471
	c5.5	280.25000	87.02178	.615	-130.5131	691.0131
	c6.0	825.20000(*)	84.87511	.000	415.8655	1234.5345
	gg5.0	-868.20300(*)	116.05630	.000	-1382.4296	-353.9764
	gg5.5	-800.94700(*)	111.16208	.000	-1291.8952	-309.9988
	p1.5	-28.86600	111.83364	1.000	-522.9287	465.1967
	p2.5	1027.67700(*)	84.63140	.000	618.3917	1436.9623
	p3.5	1287.61800(*)	79.04503	.000	870.9325	1704.3035
	p4.5	1621.04600(*)	77.92683	.000	1200.2860	2041.8060
	x9.0	-949.50100(*)	106.43556	.000	-1419.3768	-479.6252
	x9.5	-460.95900	114.10728	.113	-965.7605	43.8425
	x10.0	-222.70000	134.32206	1.000	-832.2812	386.8812
	Polident	2522.77400(*)	81.48387	.000	2111.5999	2933.9481
	Fittydent	1210.30700(*)	101.14933	.000	761.8399	1658.7741
c5.5	t14	1377.82200(*)	44.48591	.000	1154.5418	1601.1022
	t15	1836.07800(*)	41.97790	.000	1605.5952	2066.5608
	c5.0	-280.25000	87.02178	.615	-691.0131	130.5131
	c6.0	544.95000(*)	55.55262	.000	298.9778	790.9222
	gg5.0	-1148.45300(*)	96.70251	.000	-1615.8853	-681.0207
	gg5.5	-1081.19700(*)	90.77069	.000	-1513.8052	-648.5888
	p1.5	-309.11600	91.59188	.521	-746.5287	128.2967
	p2.5	747.42700(*)	55.17956	.000	502.8959	991.9581
	p3.5	1007.36800(*)	46.15654	.000	784.8322	1229.9038
	p4.5	1340.79600(*)	44.21426	.000	1117.1387	1564.4533
	x9.0	-1229.75100(*)	84.91666	.000	-1628.3240	-831.1780
	x9.5	-741.20900(*)	94.35456	.000	-1194.8267	-287.5913
	x10.0	-502.95000	118.00307	.169	-1096.4955	90.5955
	Polident	2242.52400(*)	50.21883	.000	2013.9496	2471.0984
	Fittydent	930.05700(*)	78.18885	.000	569.9242	1290.1898

ตาราง จ. แสดงการเปรียบเทียบเชิงซ้อนของพื้นที่การไหลแผ่ ของกาวยึดฟันปลอมที่มีวางขาย ในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Loweer Bound	Upper Bound
c6.0	t14	832.87200(*)	40.12468	.000	635.4467	1030.2973
	t15	1291.12800(*)	37.32476	.000	1087.2091	1495.0469
	c5.0	-825.20000(*)	84.87511	.000	-1234.5345	-415.8655
	c5.5	-544.95000(*)	55.55262	.000	-790.9222	-298.9778
	gg5.0	-1693.40300(*)	94.77536	.000	-2161.2396	-1225.5664
	gg5.5	-1626.14700(*)	88.71478	.000	-2058.1223	-1194.1717
	p1.5	-854.06600(*)	89.55483	.000	-1291.0046	-417.1274
	p2.5	202.47700	51.72792	.144	-25.8439	430.7979
	p3.5	462.41800(*)	41.96927	.000	264.3727	660.4633
	p4.5	795.84600(*)	39.82329	.000	598.2250	993.4670
	x9.0	-1774.70100(*)	82.71537	.000	-2171.3430	-1378.0590
	x9.5	-1286.15900(*)	92.37844	.000	-1739.7998	-832.5182
	x10.0	-1047.90000(*)	116.42903	.000	-1644.0547	-451.7453
	Polident	1697.57400(*)	46.39961	.000	1489.6123	1905.5357
	Fittydent	385.10700(*)	75.79242	.025	28.8294	741.3846
gg5.0	t14	2526.27500(*)	88.74272	.000	2044.6661	3007.8839
	t15	2984.53100(*)	87.51239	.000	2496.8670	3472.1950
	c5.0	868.20300(*)	116.05630	.000	353.9764	1382.4296
	c5.5	1148.45300(*)	96.70251	.000	681.0207	1615.8853
	c6.0	1693.40300(*)	94.77536	.000	1225.5664	2161.2396
	gg5.5	67.25600	118.89320	1.000	-458.2206	592.7326
	p1.5	839.33700(*)	119.52133	.000	311.2786	1367.3954
	p2.5	1895.88000(*)	94.55717	.000	1427.8991	2363.8609
	p3.5	2155.82100(*)	89.59186	.000	1677.6189	2634.0231
	p4.5	2489.24900(*)	88.60686	.000	2007.0390	2971.4590
	x9.0	-81.29800	114.48630	1.000	-589.6153	427.0193
	x9.5	407.24400	121.65138	.423	-129.7921	944.2801
	x10.0	645.50300(*)	140.78707	.039	16.6818	1274.3242
	Polident	3390.97700(*)	91.75078	.000	2919.0322	3862.9218
	Fittydent	2078.51000(*)	109.58910	.000	1586.8910	2570.1290

ตาราง จ. แสดงการเปรียบเทียบเชิงซ้อนของพื้นที่การไหลแผ่ ของกาวยึดฟันปลอมที่มีวางขาย
ในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Loweer Bound	Upper Bound
gg5.5	t14	2459.01900(*)	82.23877	.000	2014.8708	2903.1672
	t15	2917.27500(*)	80.90959	.000	2466.7502	3367.7998
	c5.0	800.94700(*)	111.16208	.000	309.9988	1291.8952
	c5.5	1081.19700(*)	90.77069	.000	648.5888	1513.8052
	c6.0	1626.14700(*)	88.71478	.000	1194.1717	2058.1223
	gg5.0	-67.25600	118.89320	1.000	-592.7326	458.2206
	p1.5	772.08100(*)	114.77496	.000	265.4903	1278.6717
	p2.5	1828.62400(*)	88.48165	.000	1396.6130	2260.6350
	p3.5	2088.56500(*)	83.15434	.000	1647.8616	2529.2684
	p4.5	2421.99300(*)	82.09214	.000	1977.2250	2866.7610
	x9.0	-148.55400	109.52195	1.000	-632.7375	335.6295
	x9.5	339.98800	116.99145	.766	-176.6412	856.6172
	x10.0	578.24700	136.78064	.088	-38.0762	1194.5702
	Polident	3323.72100(*)	85.47601	.000	2888.8921	3758.5499
	Fittydent	2011.25400(*)	104.39212	.000	1546.5734	2475.9346
p1.5	t14	1686.93800(*)	83.14427	.000	1237.5664	2136.3096
	t15	2145.19400(*)	81.82981	.000	1689.4915	2600.8965
	c5.0	28.86600	111.83364	1.000	-465.1967	522.9287
	c5.5	309.11600	91.59188	.521	-128.2967	746.5287
	c6.0	854.06600(*)	89.55483	.000	417.1274	1291.0046
	gg5.0	-839.33700(*)	119.52133	.000	-1367.3954	-311.2786
	gg5.5	-772.08100(*)	114.77496	.000	-1278.6717	-265.4903
	p2.5	1056.54300(*)	89.32389	.000	619.5519	1493.5341
	p3.5	1316.48400(*)	84.04998	.000	870.5544	1762.4136
	p4.5	1649.91200(*)	82.99924	.000	1199.9231	2099.9009
	x9.0	-920.63500(*)	110.20350	.000	-1408.0554	-433.2146
	x9.5	-432.09300	117.62974	.234	-951.4285	87.2425
	x10.0	-193.83400	137.32698	1.000	-811.7569	424.0889
	Polident	2551.64000(*)	86.34758	.000	2111.6505	2991.6295
	Fittydent	1239.17300(*)	105.10695	.000	770.8519	1707.4941

ตาราง จ. แสดงการเปรียบเทียบเชิงซ้อนของพื้นที่การไหลแผ่ ของกาวยึดฟันปลอมที่มีวางขาย
ในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Loweer Bound	Upper Bound
p2.5	t14	630.39500(*)	39.60657	.000	436.0371	824.7529
	t15	1088.65100(*)	36.76721	.000	887.9227	1289.3793
	c5.0	-1027.67700(*)	84.63140	.000	-1436.9623	-618.3917
	c5.5	-747.42700(*)	55.17956	.000	-991.9581	-502.8959
	c6.0	-202.47700	51.72792	.144	-430.7979	25.8439
	gg5.0	-1895.88000(*)	94.55717	.000	-2363.8609	-1427.8991
	gg5.5	-1828.62400(*)	88.48165	.000	-2260.6350	-1396.6130
	p1.5	-1056.54300(*)	89.32389	.000	-1493.5341	-619.5519
	p3.5	259.94100(*)	41.47421	.003	64.7655	455.1165
	p4.5	593.36900(*)	39.30120	.000	398.8429	787.8951
	x9.0	-1977.17800(*)	82.46528	.000	-2373.7165	-1580.6395
	x9.5	-1488.63600(*)	92.15458	.000	-1942.3815	-1034.8905
	x10.0	-1250.37700(*)	116.25149	.000	-1846.8956	-653.8584
	Polident	1495.09700(*)	45.95230	.000	1289.4803	1700.7137
	Fittydent	182.63000	75.51941	.990	-173.3327	538.5927
p3.5	t14	370.45400(*)	25.57973	.000	256.1947	484.7133
	t15	828.71000(*)	20.91578	.000	719.7934	937.6266
	c5.0	-1287.61800(*)	79.04503	.000	-1704.3035	-870.9325
	c5.5	-1007.36800(*)	46.15654	.000	-1229.9038	-784.8322
	c6.0	-462.41800(*)	41.96927	.000	-660.4633	-264.3727
	gg5.0	-2155.82100(*)	89.59186	.000	-2634.0231	-1677.6189
	gg5.5	-2088.56500(*)	83.15434	.000	-2529.2684	-1647.8616
	p1.5	-1316.48400(*)	84.04998	.000	-1762.4136	-870.5544
	p2.5	-259.94100(*)	41.47421	.003	-455.1165	-64.7655
	p4.5	333.42800(*)	25.10432	.000	220.6858	446.1702
	x9.0	-2237.11900(*)	76.72135	.000	-2640.1937	-1834.0443
	x9.5	-1748.57700(*)	87.05233	.000	-2212.0041	-1285.1499
	x10.0	-1510.31800(*)	112.24995	.000	-2119.4754	-901.1606
	Polident	1235.15600(*)	34.60139	.000	1078.7308	1391.5812
	Fittydent	-77.31100	69.20132	1.000	-436.1873	281.5653

ตาราง จ. แสดงการเปรียบเทียบเชิงซ้อนของพื้นที่การไหลแผ่ ของกาวยึดฟันปลอมที่มีวางขาย
ในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Loweer Bound	Upper Bound
p4.5	t14	37.02600	21.88144	1.000	-59.6054	133.6574
	t15	495.28200(*)	16.18470	.000	414.3369	576.2271
	c5.0	-1621.04600(*)	77.92683	.000	-2041.8060	-1200.2860
	c5.5	-1340.79600(*)	44.21426	.000	-1564.4533	-1117.1387
	c6.0	-795.84600(*)	39.82329	.000	-993.4670	-598.2250
	gg5.0	-2489.24900(*)	88.60686	.000	-2971.4590	-2007.0390
	gg5.5	-2421.99300(*)	82.09214	.000	-2866.7610	-1977.2250
	p1.5	-1649.91200(*)	82.99924	.000	-2099.9009	-1199.9231
	p2.5	-593.36900(*)	39.30120	.000	-787.8951	-398.8429
	p3.5	-333.42800(*)	25.10432	.000	-446.1702	-220.6858
	x9.0	-2570.54700(*)	75.56878	.000	-2977.6891	-2163.4049
	x9.5	-2082.00500(*)	86.03827	.000	-2549.4671	-1614.5429
	x10.0	-1843.74600(*)	111.46536	.000	-2456.5412	-1230.9508
	Polident	901.72800(*)	31.96453	.000	750.4161	1053.0399
	Fittydent	-410.73900(*)	67.92126	.019	-773.5667	-47.9113
x9.0	t14	2607.57300(*)	75.72804	.000	2201.0652	3014.0808
	t15	3065.82900(*)	74.28245	.000	2652.6111	3479.0469
	c5.0	949.50100(*)	106.43556	.000	479.6252	1419.3768
	c5.5	1229.75100(*)	84.91666	.000	831.1780	1628.3240
	c6.0	1774.70100(*)	82.71537	.000	1378.0590	2171.3430
	gg5.0	81.29800	114.48630	1.000	-427.0193	589.6153
	gg5.5	148.55400	109.52195	1.000	-335.6295	632.7375
	p1.5	920.63500(*)	110.20350	.000	433.2146	1408.0554
	p2.5	1977.17800(*)	82.46528	.000	1580.6395	2373.7165
	p3.5	2237.11900(*)	76.72135	.000	1834.0443	2640.1937
	p4.5	2570.54700(*)	75.56878	.000	2163.4049	2977.6891
	x9.5	488.54200	112.51009	.060	-10.0195	987.1035
	x10.0	726.80100(*)	132.96790	.008	120.5876	1333.0144
	Polident	3472.27500(*)	79.23175	.000	3074.4543	3870.0957
	Fittydent	2159.80800(*)	99.34403	.000	1720.1289	2599.4871

ตาราง จ. แสดงการเปรียบเทียบเชิงซ้อนของพื้นที่การไหลแผ่ ของกาวยึดฟันปลอมที่มีวางขาย ในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Loweer Bound	Upper Bound
x9.5	t14	2119.03100(*)	86.17818	.000	1652.1776	2585.8844
	t15	2577.28700(*)	84.91069	.000	2104.2537	3050.3203
	c5.0	460.95900	114.10728	.113	-43.8425	965.7605
	c5.5	741.20900(*)	94.35456	.000	287.5913	1194.8267
	c6.0	1286.15900(*)	92.37844	.000	832.5182	1739.7998
	gg5.0	-407.24400	121.65138	.423	-944.2801	129.7921
	gg5.5	-339.98800	116.99145	.766	-856.6172	176.6412
	p1.5	432.09300	117.62974	.234	-87.2425	951.4285
	p2.5	1488.63600(*)	92.15458	.000	1034.8905	1942.3815
	p3.5	1748.57700(*)	87.05233	.000	1285.1499	2212.0041
	p4.5	2082.00500(*)	86.03827	.000	1614.5429	2549.4671
	x9.0	-488.54200	112.51009	.060	-987.1035	10.0195
	x10.0	238.25900	139.18479	1.000	-385.3575	861.8755
	Polident	2983.73300(*)	89.27269	.000	2526.4354	3441.0306
	Fittydent	1671.26600(*)	107.52292	.000	1190.4823	2152.0497
x10.0	t14	1880.77200(*)	111.57339	.000	1268.5038	2493.0402
	t15	2339.02800(*)	110.59733	.000	1721.6803	2956.3757
	c5.0	222.70000	134.32206	1.000	-386.8812	832.2812
	c5.5	502.95000	118.00307	.169	-90.5955	1096.4955
	c6.0	1047.90000(*)	116.42903	.000	451.7453	1644.0547
	gg5.0	-645.50300(*)	140.78707	.039	-1274.3242	-16.6818
	gg5.5	-578.24700	136.78064	.088	-1194.5702	38.0762
	p1.5	193.83400	137.32698	1.000	-424.0889	811.7569
	p2.5	1250.37700(*)	116.25149	.000	653.8584	1846.8956
	p3.5	1510.31800(*)	112.24995	.000	901.1606	2119.4754
	p4.5	1843.74600(*)	111.46536	.000	1230.9508	2456.5412
	x9.0	-726.80100(*)	132.96790	.008	-1333.0144	-120.5876
	x9.5	-238.25900	139.18479	1.000	-861.8755	385.3575
	Polident	2745.47400(*)	113.98050	.000	2142.9033	3348.0447
	Fittydent	1433.00700(*)	128.77547	.000	835.4075	2030.6065

ตาราง จ. แสดงการเปรียบเทียบเชิงซ้อนของพื้นที่การไหลแผ่ ของกาวยึดฟันปลอมที่มีวางขาย ในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Loweer Bound	Upper Bound
Polident	t14	-864.70200(*)	32.33925	.000	-1016.4305	-712.9735
	t15	-406.44600(*)	28.79191	.000	-561.2974	-251.5946
	c5.0	-2522.77400(*)	81.48387	.000	-2933.9481	-2111.5999
	c5.5	-2242.52400(*)	50.21883	.000	-2471.0984	-2013.9496
	c6.0	-1697.57400(*)	46.39961	.000	-1905.5357	-1489.6123
	gg5.0	-3390.97700(*)	91.75078	.000	-3862.9218	-2919.0322
	gg5.5	-3323.72100(*)	85.47601	.000	-3758.5499	-2888.8921
	p1.5	-2551.64000(*)	86.34758	.000	-2991.6295	-2111.6505
	p2.5	-1495.09700(*)	45.95230	.000	-1700.7137	-1289.4803
	p3.5	-1235.15600(*)	34.60139	.000	-1391.5812	-1078.7308
	p4.5	-901.72800(*)	31.96453	.000	-1053.0399	-750.4161
	x9.0	-3472.27500(*)	79.23175	.000	-3870.0957	-3074.4543
	x9.5	-2983.73300(*)	89.27269	.000	-3441.0306	-2526.4354
	x10.0	-2745.47400(*)	113.98050	.000	-3348.0447	-2142.9033
	Fittydent	-1312.46700(*)	71.97449	.000	-1667.2604	-957.6736
Fittydent	t14	447.76500(*)	68.09841	.009	85.5775	809.9525
	t15	906.02100(*)	66.48715	.000	536.7376	1275.3044
	c5.0	-1210.30700(*)	101.14933	.000	-1658.7741	-761.8399
	c5.5	-930.05700(*)	78.18885	.000	-1290.1898	-569.9242
	c6.0	-385.10700(*)	75.79242	.025	-741.3846	-28.8294
	gg5.0	-2078.51000(*)	109.58910	.000	-2570.1290	-1586.8910
	gg5.5	-2011.25400(*)	104.39212	.000	-2475.9346	-1546.5734
	p1.5	-1239.17300(*)	105.10695	.000	-1707.4941	-770.8519
	p2.5	-182.63000	75.51941	.990	-538.5927	173.3327
	p3.5	77.31100	69.20132	1.000	-281.5653	436.1873
	p4.5	410.73900(*)	67.92126	.019	47.9113	773.5667
	x9.0	-2159.80800(*)	99.34403	.000	-2599.4871	-1720.1289
	x9.5	-1671.26600(*)	107.52292	.000	-2152.0497	-1190.4823
	x10.0	-1433.00700(*)	128.77547	.000	-2030.6065	-835.4075
	Polident	1312.46700(*)	71.97449	.000	957.6736	1667.2604

* The mean difference is significant at the .05 level.

ตาราง ฉ. แสดงการวิเคราะห์ความแปรปรวนแบบทางเดียวของแรงยึดติดเมื่อเปรียบเทียบภายใน
สารแต่ละชนิด

ANOVA

Tensile

material		Sum of Squares	df	Mean Square	F	Sig.
T	Between Groups	1180.131	3	393.377	105.221	.000
	Within Groups	134.589	36	3.739		
	Total	1314.721	39			
C	Between Groups	561.080	4	140.270	133.428	.000
	Within Groups	47.307	45	1.051		
	Total	608.387	49			
GG	Between Groups	1964.982	3	654.994	703.290	.000
	Within Groups	33.528	36	.931		
	Total	1998.510	39			
H	Between Groups	81.053	3	27.018	59.155	.000
	Within Groups	16.442	36	.457		
	Total	97.495	39			
G	Between Groups	102.728	3	34.243	39.775	.000
	Within Groups	30.993	36	.861		
	Total	133.721	39			
NP	Between Groups	2010.223	4	502.556	705.661	.000
	Within Groups	32.048	45	.712		
	Total	2042.271	49			
X	Between Groups	518.621	4	129.655	255.445	.000
	Within Groups	22.840	45	.508		
	Total	541.461	49			
HP	Between Groups	379.248	3	126.416	190.038	.000
	Within Groups	23.948	36	.665		
	Total	403.196	39			
S	Between Groups	112.535	3	37.512	62.596	.000
	Within Groups	21.574	36	.599		
	Total	134.109	39			

ตาราง ซ. แสดงการเปรียบเทียบเชิงซ้อนของแรงยึดติดเมื่อเปรียบเทียบภายในสารแต่ละชนิด

Multiple Comparisons

Dependent Variable: Tensile
Bonferroni

material	(I) conc	(J) conc	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
T	12.0	13.0	-7.20600(*)	.86471	.000	-9.6202	-4.7918
		14.0	-9.09300(*)	.86471	.000	-11.5072	-6.6788
		15.0	-15.22800(*)	.86471	.000	-17.6422	-12.8138
	13.0	12.0	7.20600(*)	.86471	.000	4.7918	9.6202
		14.0	-1.88700(*)	.86471	.044	-4.3012	.5272
		15.0	-8.02200(*)	.86471	.000	-10.4362	-5.6078
	14.0	12.0	9.09300(*)	.86471	.000	6.6788	11.5072
		13.0	1.88700(*)	.86471	.044	-.5272	4.3012
		15.0	-6.13500(*)	.86471	.000	-8.5492	-3.7208
	15.0	12.0	15.22800(*)	.86471	.000	12.8138	17.6422
		13.0	8.02200(*)	.86471	.000	5.6078	10.4362
		14.0	6.13500(*)	.86471	.000	3.7208	8.5492
C	4.0	4.5	-2.69600(*)	.45854	.000	-4.0496	-1.3424
		5.0	-4.56800(*)	.45854	.000	-5.9216	-3.2144
		5.5	-6.94900(*)	.45854	.000	-8.3026	-5.5954
		6.0	-9.69600(*)	.45854	.000	-11.0496	-8.3424
	4.5	4.0	2.69600(*)	.45854	.000	1.3424	4.0496
		5.0	-1.87200(*)	.45854	.002	-3.2256	-.5184
		5.5	-4.25300(*)	.45854	.000	-5.6066	-2.8994
		6.0	-7.00000(*)	.45854	.000	-8.3536	-5.6464
	5.0	4.0	4.56800(*)	.45854	.000	3.2144	5.9216
		4.5	1.87200(*)	.45854	.002	.5184	3.2256
		5.5	-2.38100(*)	.45854	.000	-3.7346	-1.0274
		6.0	-5.12800(*)	.45854	.000	-6.4816	-3.7744
	5.5	4.0	6.94900(*)	.45854	.000	5.5954	8.3026
		4.5	4.25300(*)	.45854	.000	2.8994	5.6066
		5.0	2.38100(*)	.45854	.000	1.0274	3.7346
		6.0	-2.74700(*)	.45854	.000	-4.1006	-1.3934
	6.0	4.0	9.69600(*)	.45854	.000	8.3424	11.0496
		4.5	7.00000(*)	.45854	.000	5.6464	8.3536
		5.0	5.12800(*)	.45854	.000	3.7744	6.4816
		5.5	2.74700(*)	.45854	.000	1.3934	4.1006
GG	4.0	5.0	-10.74300(*)	.43158	.000	-11.9480	-9.5380
		5.5	-14.93400(*)	.43158	.000	-16.1390	-13.7290
		3.0	1.62800(*)	.43158	.003	.4230	2.8330
	5.0	4.0	10.74300(*)	.43158	.000	9.5380	11.9480
		5.5	-4.19100(*)	.43158	.000	-5.3960	-2.9860
		3.0	12.37100(*)	.43158	.000	11.1660	13.5760
	5.5	4.0	14.93400(*)	.43158	.000	13.7290	16.1390
		5.0	4.19100(*)	.43158	.000	2.9860	5.3960
		3.0	16.56200(*)	.43158	.000	15.3570	17.7670
	3.0	4.0	-1.62800(*)	.43158	.003	-2.8330	-.4230
		5.0	-12.37100(*)	.43158	.000	-13.5760	-11.1660
		5.5	-16.56200(*)	.43158	.000	-17.7670	-15.3570

ตาราง ซ. แสดงการเปรียบเทียบเชิงซ้อนของแรงยึดติดเมื่อเปรียบเทียบภายในสารแต่ละชนิด (ต่อ)

material	(I) conc	(J) conc	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
H	4.0	4.5	-.97300(*)	.30223	.016	-1.8168	-.1292
		5.0	-3.32300(*)	.30223	.000	-4.1668	-2.4792
		3.5	.30700	.30223	1.000	-.5368	1.1508
	4.5	4.0	.97300(*)	.30223	.016	.1292	1.8168
		5.0	-2.35000(*)	.30223	.000	-3.1938	-1.5062
		3.5	1.28000(*)	.30223	.001	.4362	2.1238
	5.0	4.0	3.32300(*)	.30223	.000	2.4792	4.1668
		4.5	2.35000(*)	.30223	.000	1.5062	3.1938
		3.5	3.63000(*)	.30223	.000	2.7862	4.4738
	3.5	4.0	-.30700	.30223	1.000	-1.1508	.5368
		4.5	-1.28000(*)	.30223	.001	-2.1238	-.4362
		5.0	-3.63000(*)	.30223	.000	-4.4738	-2.7862
G	4.0	3.0	2.46700(*)	.41495	.000	1.3085	3.6255
		3.5	.93500	.41495	.183	-.2235	2.0935
		2.5	4.22600(*)	.41495	.000	3.0675	5.3845
	3.0	4.0	-2.46700(*)	.41495	.000	-3.6255	-1.3085
		3.5	-1.53200(*)	.41495	.004	-2.6905	-.3735
		2.5	1.75900(*)	.41495	.001	.6005	2.9175
	3.5	4.0	-.93500	.41495	.183	-2.0935	.2235
		3.0	1.53200(*)	.41495	.004	.3735	2.6905
		2.5	3.29100(*)	.41495	.000	2.1325	4.4495
	2.5	4.0	-4.22600(*)	.41495	.000	-5.3845	-3.0675
		3.0	-1.75900(*)	.41495	.001	-2.9175	-.6005
		3.5	-3.29100(*)	.41495	.000	-4.4495	-2.1325
NP	4.5	3.5	2.52500(*)	.37741	.000	1.4109	3.6391
		2.5	4.93800(*)	.37741	.000	3.8239	6.0521
		.5	18.27000(*)	.37741	.000	17.1559	19.3841
		1.5	8.02100(*)	.37741	.000	6.9069	9.1351
	3.5	4.5	-2.52500(*)	.37741	.000	-3.6391	-1.4109
		2.5	2.41300(*)	.37741	.000	1.2989	3.5271
		.5	15.74500(*)	.37741	.000	14.6309	16.8591
		1.5	5.49600(*)	.37741	.000	4.3819	6.6101
	2.5	4.5	-4.93800(*)	.37741	.000	-6.0521	-3.8239
		3.5	-2.41300(*)	.37741	.000	-3.5271	-1.2989
		.5	13.33200(*)	.37741	.000	12.2179	14.4461
		1.5	3.08300(*)	.37741	.000	1.9689	4.1971
	.5	4.5	-18.27000(*)	.37741	.000	-19.3841	-17.1559
		3.5	-15.74500(*)	.37741	.000	-16.8591	-14.6309
		2.5	-13.33200(*)	.37741	.000	-14.4461	-12.2179
		1.5	-10.24900(*)	.37741	.000	-11.3631	-9.1349
	1.5	4.5	-8.02100(*)	.37741	.000	-9.1351	-6.9069
		3.5	-5.49600(*)	.37741	.000	-6.6101	-4.3819
		2.5	-3.08300(*)	.37741	.000	-4.1971	-1.9689
		.5	10.24900(*)	.37741	.000	9.1349	11.3631

ตาราง ซ. แสดงการเปรียบเทียบเชิงซ้อนของแรงยึดติดเมื่อเปรียบเทียบภายในสารแต่ละชนิด (ต่อ)

material	(I) conc	(J) conc	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
X	8.0	8.5	-1.64900(*)	.31861	.000	-2.5896	-.7084
		9.0	-4.81500(*)	.31861	.000	-5.7556	-3.8744
		9.5	-6.88900(*)	.31861	.000	-7.8296	-5.9484
		10.0	-8.70900(*)	.31861	.000	-9.6496	-7.7684
	8.5	8.0	1.64900(*)	.31861	.000	.7084	2.5896
		9.0	-3.16600(*)	.31861	.000	-4.1066	-2.2254
		9.5	-5.24000(*)	.31861	.000	-6.1806	-4.2994
		10.0	-7.06000(*)	.31861	.000	-8.0006	-6.1194
	9.0	8.0	4.81500(*)	.31861	.000	3.8744	5.7556
		8.5	3.16600(*)	.31861	.000	2.2254	4.1066
		9.5	-2.07400(*)	.31861	.000	-3.0146	-1.1334
		10.0	-3.89400(*)	.31861	.000	-4.8346	-2.9534
	9.5	8.0	6.88900(*)	.31861	.000	5.9484	7.8296
		8.5	5.24000(*)	.31861	.000	4.2994	6.1806
		9.0	2.07400(*)	.31861	.000	1.1334	3.0146
		10.0	-1.82000(*)	.31861	.000	-2.7606	-.8794
	10.0	8.0	8.70900(*)	.31861	.000	7.7684	9.6496
		8.5	7.06000(*)	.31861	.000	6.1194	8.0006
		9.0	3.89400(*)	.31861	.000	2.9534	4.8346
		9.5	1.82000(*)	.31861	.000	.8794	2.7606
HP	4.0	4.5	-4.75900(*)	.36475	.000	-5.7774	-3.7406
		5.0	-5.25700(*)	.36475	.000	-6.2754	-4.2386
		3.5	1.96300(*)	.36475	.000	.9446	2.9814
	4.5	4.0	4.75900(*)	.36475	.000	3.7406	5.7774
		5.0	-.49800	.36475	1.000	-1.5164	.5204
		3.5	6.72200(*)	.36475	.000	5.7036	7.7404
	5.0	4.0	5.25700(*)	.36475	.000	4.2386	6.2754
		4.5	.49800	.36475	1.000	-.5204	1.5164
		3.5	7.22000(*)	.36475	.000	6.2016	8.2384
	3.5	4.0	-1.96300(*)	.36475	.000	-2.9814	-.9446
		4.5	-6.72200(*)	.36475	.000	-7.7404	-5.7036
		5.0	-7.22000(*)	.36475	.000	-8.2384	-6.2016
S	30.0	35.0	-1.40000(*)	.34620	.002	-2.3666	-.4334
		40.0	-2.62100(*)	.34620	.000	-3.5876	-1.6544
		45.0	-4.56800(*)	.34620	.000	-5.5346	-3.6014
	35.0	30.0	1.40000(*)	.34620	.002	.4334	2.3666
		40.0	-1.22100(*)	.34620	.007	-2.1876	-.2544
		45.0	-3.16800(*)	.34620	.000	-4.1346	-2.2014
	40.0	30.0	2.62100(*)	.34620	.000	1.6544	3.5876
		35.0	1.22100(*)	.34620	.007	.2544	2.1876
		45.0	-1.94700(*)	.34620	.000	-2.9136	-.9804
	45.0	30.0	4.56800(*)	.34620	.000	3.6014	5.5346
		35.0	3.16800(*)	.34620	.000	2.2014	4.1346
		40.0	1.94700(*)	.34620	.000	.9804	2.9136

* The mean difference is significant at the .05 level.

ตาราง ซ. แสดงการเปรียบเทียบเชิงซ้อนของแรงยึดติดของกาวยึดฟันปลอมที่มีวางขายใน
ท้องตลาด

Multiple Comparisons

Dependent Variable: Tensile

Tamhane

(I) VAR00002	(J) VAR00002	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Fittydent	Polident	1.22400	.72998	.313	-.7786	3.2266
	Dent_stet	9.72000*	.86115	.000	7.4471	11.9929
Polident	Fittydent	-1.22400	.72998	.313	-3.2266	.7786
	Dent_stet	8.49600*	.63381	.000	6.7818	10.2102
Dent_stet	Fittydent	-9.72000*	.86115	.000	-11.9929	-7.4471
	Polident	-8.49600*	.63381	.000	-10.2102	-6.7818

*. The mean difference is significant at the .05 level.

ตาราง ฌ. แสดงการเปรียบเทียบเชิงซ้อนของแรงยึดติดกาวยึดฟันปลอมที่มีวางขายในท้องตลาด
และกาวยึดฟันปลอมที่ทดลองผลิต

Multiple Comparisons

Dependent Variable: Tensile
Tamhane

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
T13	T14	-1.88700(*)	.33741	.014	-3.5336	-.2404
	T15	-8.02200(*)	1.13591	.006	-14.2406	-1.8034
	C4.5	6.16400(*)	.46266	.000	4.0390	8.2890
	C5.0	4.29200(*)	.41061	.000	2.4202	6.1638
	C5.5	1.91100	.42920	.063	-.0461	3.8681
	C6.0	-.83600	.39326	1.000	-2.6353	.9633
	GG5.0	5.44100(*)	.43584	.000	3.4519	7.4301
	GG5.5	1.25000	.51335	.997	-1.1525	3.6525
	H3.5	6.31400(*)	.32898	.000	4.6721	7.9559
	H4.0	6.00700(*)	.39971	.000	4.1816	7.8324
	H4.5	5.03400(*)	.38572	.000	3.2635	6.8045
	H5.0	2.68400(*)	.34022	.000	1.0343	4.3337
	G3.5	6.22400(*)	.41103	.000	4.3503	8.0977
	G4.0	5.28900(*)	.52772	.000	2.8044	7.7736
	NP3.5	5.74300(*)	.46474	.000	3.6071	7.8789
	NP4.5	3.21800(*)	.34290	.000	1.5647	4.8713
	S45	6.44100(*)	.48577	.000	4.1922	8.6898
	polident	7.21800(*)	.42891	.000	5.2623	9.1737
	fittydent	5.99400(*)	.72376	.000	2.3243	9.6637
	dent stet	15.71400(*)	.62663	.000	12.6412	18.7868
T14	T13	1.88700(*)	.33741	.014	.2404	3.5336
	T15	-6.13500	1.10871	.064	-12.4770	.2070
	C4.5	8.05100(*)	.39113	.000	6.0750	10.0270
	C5.0	6.17900(*)	.32792	.000	4.5897	7.7683
	C5.5	3.79800(*)	.35091	.000	2.0693	5.5267
	C6.0	1.05100	.30591	.535	-.4072	2.5092
	GG5.0	7.32800(*)	.35901	.000	5.5497	9.1063
	GG5.5	3.13700(*)	.44995	.004	.7962	5.4778
	H3.5	8.20100(*)	.21715	.000	7.2081	9.1939
	H4.0	7.89400(*)	.31416	.000	6.3870	9.4010
	H4.5	6.92100(*)	.29616	.000	5.5199	8.3221
	H5.0	4.57100(*)	.23383	.000	3.5051	5.6369
	G3.5	8.11100(*)	.32844	.000	6.5186	9.7034
	G4.0	7.17600(*)	.46628	.000	4.7338	9.6182
	NP3.5	7.63000(*)	.39358	.000	5.6388	9.6212
	NP4.5	5.10500(*)	.23771	.000	4.0206	6.1894
	S45	8.32800(*)	.41821	.000	6.1842	10.4718
	polident	9.10500(*)	.35056	.000	7.3784	10.8316
	fittydent	7.88100(*)	.68026	.000	4.1205	11.6415
	dent stet	17.60100(*)	.57584	.000	14.4809	20.7211

ตาราง ฉ. แสดงการเปรียบเทียบเชิงซ้อนแบบ Tamhane ของแรงยึดติดของกาวยึดฟันปลอม
ที่มีวางขายในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
T15	T13	8.02200(*)	1.13591	.006	1.8034	14.2406
	T14	6.13500	1.10871	.064	-.2070	12.4770
	C4.5	14.18600(*)	1.15301	.000	8.0205	20.3515
	C5.0	12.31400(*)	1.13313	.000	6.0851	18.5429
	C5.5	9.93300(*)	1.14000	.001	3.7286	16.1374
	C6.0	7.18600(*)	1.12696	.017	.9325	13.4395
	GG5.0	13.46300(*)	1.14252	.000	7.2669	19.6591
	GG5.5	9.27200(*)	1.17427	.001	3.1511	15.3929
	H3.5	14.33600(*)	1.10617	.000	7.9797	20.6923
	H4.0	14.02900(*)	1.12923	.000	7.7848	20.2732
	H4.5	13.05600(*)	1.12435	.000	6.7913	19.3207
	H5.0	10.70600(*)	1.10956	.001	4.3688	17.0432
	G3.5	14.24600(*)	1.13328	.000	8.0177	20.4743
	G4.0	13.31100(*)	1.18062	.000	7.1993	19.4227
	NP3.5	13.76500(*)	1.15385	.000	7.6017	19.9283
	NP4.5	11.24000(*)	1.11039	.000	4.9072	17.5728
	S45	14.46300(*)	1.16248	.000	8.3201	20.6059
	polident	15.24000(*)	1.13989	.000	9.0353	21.4447
	fittydent	14.01600(*)	1.28032	.000	7.8713	20.1607
	dent stet	23.73600(*)	1.22803	.000	17.6450	29.8270
C4.5	T13	-6.16400(*)	.46266	.000	-8.2890	-4.0390
	T14	-8.05100(*)	.39113	.000	-10.0270	-6.0750
	T15	-14.18600(*)	1.15301	.000	-20.3515	-8.0205
	C5.0	-1.87200	.45579	.141	-3.9725	.2285
	C5.5	-4.25300(*)	.47260	.000	-6.4157	-2.0903
	C6.0	-7.00000(*)	.44022	.000	-9.0509	-4.9491
	GG5.0	-.72300	.47864	1.000	-2.9099	1.4639
	GG5.5	-4.91400(*)	.55015	.000	-7.4368	-2.3912
	H3.5	.15000	.38388	1.000	-1.8317	2.1317
	H4.0	-.15700	.44599	1.000	-2.2252	1.9112
	H4.5	-1.13000	.43350	.982	-3.1624	.9024
	H5.0	-3.48000(*)	.39356	.000	-5.4555	-1.5045
	G3.5	.06000	.45616	1.000	-2.0418	2.1618
	G4.0	-.87500	.56358	1.000	-3.4682	1.7182
	NP3.5	-.42100	.50509	1.000	-2.7228	1.8808
	NP4.5	-2.94600(*)	.39587	.001	-4.9215	-.9705
	S45	.27700	.52451	1.000	-2.1168	2.6708
	polident	1.05400	.47234	1.000	-1.1077	3.2157
	fittydent	-.17000	.75031	1.000	-3.8450	3.5050
	dent stet	9.55000(*)	.65712	.000	6.4320	12.6680

ตาราง ฌ. แสดงการเปรียบเทียบเชิงซ้อนแบบ Tamhane ของแรงยึดติดของกาวยึดฟันปลอม
ที่มีวางขายในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
C5.0	T13	-4.29200(*)	.41061	.000	-6.1638	-2.4202
	T14	-6.17900(*)	.32792	.000	-7.7683	-4.5897
	T15	-12.31400(*)	1.13313	.000	-18.5429	-6.0851
	C4.5	1.87200	.45579	.141	-.2285	3.9725
	C5.5	-2.38100(*)	.42178	.005	-4.3066	-.4554
	C6.0	-5.12800(*)	.38515	.000	-6.8868	-3.3692
	GG5.0	1.14900	.42854	.961	-.8101	3.1081
	GG5.5	-3.04200(*)	.50717	.004	-5.4286	-.6554
	H3.5	2.02200(*)	.31924	.005	.4398	3.6042
	H4.0	1.71500	.39173	.074	-.0716	3.5016
	H4.5	.74200	.37745	1.000	-.9859	2.4699
	H5.0	-1.60800(*)	.33081	.046	-3.2013	-.0147
	G3.5	1.93200(*)	.40327	.030	.0942	3.7698
	G4.0	.99700	.52171	1.000	-1.4737	3.4677
	NP3.5	1.45100	.45789	.691	-.6608	3.5628
	NP4.5	-1.07400	.33357	.704	-2.6717	.5237
	S45	2.14900	.47923	.070	-.0795	4.3775
	polident	2.92600(*)	.42149	.000	1.0018	4.8502
	fittydent	1.70200	.71938	.999	-1.9705	5.3745
	dent stet	11.42200(*)	.62157	.000	8.3525	14.4915
C5.5	T13	-1.91100	.42920	.063	-3.8681	.0461
	T14	-3.79800(*)	.35091	.000	-5.5267	-2.0693
	T15	-9.93300(*)	1.14000	.001	-16.1374	-3.7286
	C4.5	4.25300(*)	.47260	.000	2.0903	6.4157
	C5.0	2.38100(*)	.42178	.005	.4554	4.3066
	C6.0	-2.74700(*)	.40490	.001	-4.6063	-.8877
	GG5.0	3.53000(*)	.44638	.000	1.4954	5.5646
	GG5.5	-.66100	.52232	1.000	-3.0890	1.7670
	H3.5	4.40300(*)	.34281	.000	2.6758	6.1302
	H4.0	4.09600(*)	.41117	.000	2.2131	5.9789
	H4.5	3.12300(*)	.39759	.000	1.2897	4.9563
	H5.0	.77300	.35361	1.000	-.9577	2.5037
	G3.5	4.31300(*)	.42218	.000	2.3858	6.2402
	G4.0	3.37800(*)	.53645	.002	.8708	5.8852
	NP3.5	3.83200(*)	.47463	.000	1.6590	6.0050
	NP4.5	1.30700	.35619	.408	-.4263	3.0403
	S45	4.53000(*)	.49525	.000	2.2494	6.8106
	polident	5.30700(*)	.43961	.000	3.3036	7.3104
	fittydent	4.08300(*)	.73015	.019	.4153	7.7507
	dent stet	13.80300(*)	.63400	.000	10.7230	16.8830

ตาราง ฌ. แสดงการเปรียบเทียบเชิงซ้อนแบบ Tamhane ของแรงยึดติดของกาวยึดฟันปลอม
ที่มีวางขายในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
C6.0	T13	.83600	.39326	1.000	-.9633	2.6353
	T14	-1.05100	.30591	.535	-2.5092	.4072
	T15	-7.18600(*)	1.12696	.017	-13.4395	-.9325
	C4.5	7.00000(*)	.44022	.000	4.9491	9.0509
	C5.0	5.12800(*)	.38515	.000	3.3692	6.8868
	C5.5	2.74700(*)	.40490	.001	.8877	4.6063
	GG5.0	6.27700(*)	.41194	.000	4.3806	8.1734
	GG5.5	2.08600	.49322	.142	-.2708	4.4428
	H3.5	7.15000(*)	.29658	.000	5.7058	8.5942
	H4.0	6.84300(*)	.37350	.000	5.1404	8.5456
	H4.5	5.87000(*)	.35850	.000	4.2355	7.5045
	H5.0	3.52000(*)	.30901	.000	2.0555	4.9845
	G3.5	7.06000(*)	.38559	.000	5.2990	8.8210
	G4.0	6.12500(*)	.50816	.000	3.6795	8.5705
	NP3.5	6.57900(*)	.44240	.000	4.5159	8.6421
	NP4.5	4.05400(*)	.31196	.000	2.5829	5.5251
	S45	7.27700(*)	.46445	.000	5.0884	9.4656
	polident	8.05400(*)	.40460	.000	6.1963	9.9117
	fittydent	6.83000(*)	.70962	.000	3.1468	10.5132
	dent stet	16.55000(*)	.61025	.000	13.4826	19.6174
GG5.0	T13	-5.44100(*)	.43584	.000	-7.4301	-3.4519
	T14	-7.32800(*)	.35901	.000	-9.1063	-5.5497
	T15	-13.46300(*)	1.14252	.000	-19.6591	-7.2669
	C4.5	.72300	.47864	1.000	-1.4639	2.9099
	C5.0	-1.14900	.42854	.961	-3.1081	.8101
	C5.5	-3.53000(*)	.44638	.000	-5.5646	-1.4954
	C6.0	-6.27700(*)	.41194	.000	-8.1734	-4.3806
	GG5.5	-4.19100(*)	.52780	.000	-6.6359	-1.7461
	H3.5	.87300	.35109	.997	-.9054	2.6514
	H4.0	.56600	.41810	1.000	-1.3527	2.4847
	H4.5	-.40700	.40475	1.000	-2.2790	1.4650
	H5.0	-2.75700(*)	.36165	.001	-4.5367	-.9773
	G3.5	.78300	.42893	1.000	-1.1777	2.7437
	G4.0	-.15200	.54179	1.000	-2.6743	2.3703
	NP3.5	.30200	.48065	1.000	-1.8949	2.4989
	NP4.5	-2.22300(*)	.36417	.006	-4.0046	-.4414
	S45	1.00000	.50102	1.000	-1.3012	3.3012
	polident	1.77700	.44610	.168	-.2564	3.8104
	fittydent	.55300	.73408	1.000	-3.1145	4.2205
	dent stet	10.27300(*)	.63852	.000	7.1873	13.3587

ตาราง ฌ. แสดงการเปรียบเทียบเชิงซ้อนแบบ Tamhane ของแรงยึดติดของกาวยึดฟันปลอม
ที่มีวางขายในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
GG5.5	T13	-1.25000	.51335	.997	-3.6525	1.1525
	T14	-3.13700(*)	.44995	.004	-5.4778	-.7962
	T15	-9.27200(*)	1.17427	.001	-15.3929	-3.1511
	C4.5	4.91400(*)	.55015	.000	2.3912	7.4368
	C5.0	3.04200(*)	.50717	.004	.6554	5.4286
	C5.5	.66100	.52232	1.000	-1.7670	3.0890
	C6.0	-2.08600	.49322	.142	-4.4428	.2708
	GG5.0	4.19100(*)	.52780	.000	1.7461	6.6359
	H3.5	5.06400(*)	.44366	.000	2.7113	7.4167
	H4.0	4.75700(*)	.49838	.000	2.3903	7.1237
	H4.5	3.78400(*)	.48723	.000	1.4371	6.1309
	H5.0	1.43400	.45206	.822	-.9038	3.7718
	G3.5	4.97400(*)	.50750	.000	2.5866	7.3614
	G4.0	4.03900(*)	.60589	.001	1.2768	6.8012
	NP3.5	4.49300(*)	.55190	.000	1.9635	7.0225
	NP4.5	1.96800	.45408	.185	-.3675	4.3035
	S45	5.19100(*)	.56973	.000	2.5903	7.7917
	polident	5.96800(*)	.52209	.000	3.5407	8.3953
	fittydent	4.74400(*)	.78258	.004	1.0221	8.4659
	dent stet	14.46400(*)	.69374	.000	11.2487	17.6793
H3.5	T13	-6.31400(*)	.32898	.000	-7.9559	-4.6721
	T14	-8.20100(*)	.21715	.000	-9.1939	-7.2081
	T15	-14.33600(*)	1.10617	.000	-20.6923	-7.9797
	C4.5	-.15000	.38388	1.000	-2.1317	1.8317
	C5.0	-2.02200(*)	.31924	.005	-3.6042	-.4398
	C5.5	-4.40300(*)	.34281	.000	-6.1302	-2.6758
	C6.0	-7.15000(*)	.29658	.000	-8.5942	-5.7058
	GG5.0	-.87300	.35109	.997	-2.6514	.9054
	GG5.5	-5.06400(*)	.44366	.000	-7.4167	-2.7113
	H4.0	-.30700	.30508	1.000	-1.8027	1.1887
	H4.5	-1.28000	.28652	.098	-2.6636	.1036
	H5.0	-3.63000(*)	.22149	.000	-4.6449	-2.6151
	G3.5	-.09000	.31977	1.000	-1.6754	1.4954
	G4.0	-1.02500	.46022	1.000	-3.4802	1.4302
	NP3.5	-.57100	.38638	1.000	-2.5682	1.4262
	NP4.5	-3.09600(*)	.22558	.000	-4.1322	-2.0598
	S45	.12700	.41144	1.000	-2.0258	2.2798
	polident	.90400	.34246	.988	-.8210	2.6290
	fittydent	-.32000	.67612	1.000	-4.0981	3.4581
	dent stet	9.40000(*)	.57094	.000	6.2629	12.5371

ตาราง ฌ. แสดงการเปรียบเทียบเชิงซ้อนแบบ Tamhane ของแรงยึดติดของกาวยึดฟันปลอม
ที่มีวางขายในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
H4.0	T13	-6.00700(*)	.39971	.000	-7.8324	-4.1816
	T14	-7.89400(*)	.31416	.000	-9.4010	-6.3870
	T15	-14.02900(*)	1.12923	.000	-20.2732	-7.7848
	C4.5	.15700	.44599	1.000	-1.9112	2.2252
	C5.0	-1.71500	.39173	.074	-3.5016	.0716
	C5.5	-4.09600(*)	.41117	.000	-5.9789	-2.2131
	C6.0	-6.84300(*)	.37350	.000	-8.5456	-5.1404
	GG5.0	-.56600	.41810	1.000	-2.4847	1.3527
	GG5.5	-4.75700(*)	.49838	.000	-7.1237	-2.3903
	H3.5	.30700	.30508	1.000	-1.1887	1.8027
	H4.5	-.97300	.36556	.966	-2.6415	.6955
	H5.0	-3.32300(*)	.31718	.000	-4.8353	-1.8107
	G3.5	.21700	.39217	1.000	-1.5716	2.0056
	G4.0	-.71800	.51317	1.000	-3.1718	1.7358
	NP3.5	-.26400	.44814	1.000	-2.3441	1.8161
	NP4.5	-2.78900(*)	.32005	.000	-4.3071	-1.2709
	S45	.43400	.46992	1.000	-1.7684	2.6364
	polident	1.21100	.41088	.842	-.6704	3.0924
	fittydent	-.01300	.71322	1.000	-3.6915	3.6655
	dent stet	9.70700(*)	.61442	.000	6.6397	12.7743
H4.5	T13	-5.03400(*)	.38572	.000	-6.8045	-3.2635
	T14	-6.92100(*)	.29616	.000	-8.3221	-5.5199
	T15	-13.05600(*)	1.12435	.000	-19.3207	-6.7913
	C4.5	1.13000	.43350	.982	-.9024	3.1624
	C5.0	-.74200	.37745	1.000	-2.4699	.9859
	C5.5	-3.12300(*)	.39759	.000	-4.9563	-1.2897
	C6.0	-5.87000(*)	.35850	.000	-7.5045	-4.2355
	GG5.0	.40700	.40475	1.000	-1.4650	2.2790
	GG5.5	-3.78400(*)	.48723	.000	-6.1309	-1.4371
	H3.5	1.28000	.28652	.098	-.1036	2.6636
	H4.0	.97300	.36556	.966	-.6955	2.6415
	H5.0	-2.35000(*)	.29936	.000	-3.7586	-.9414
	G3.5	1.19000	.37790	.696	-.5402	2.9202
	G4.0	.25500	.50235	1.000	-2.1826	2.6926
	NP3.5	.70900	.43571	1.000	-1.3360	2.7540
	NP4.5	-1.81600(*)	.30240	.004	-3.2323	-.3997
	S45	1.40700	.45809	.798	-.7674	3.5814
	polident	2.18400(*)	.39728	.008	.3523	4.0157
	fittydent	.96000	.70547	1.000	-2.7297	4.6497
	dent stet	10.68000(*)	.60542	.000	7.6110	13.7490

ตาราง ฌ. แสดงการเปรียบเทียบเชิงซ้อนแบบ Tamhane ของแรงยึดติดของกาวยึดฟันปลอม
ที่มีวางขายในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
H5.0	T13	-2.68400(*)	.34022	.000	-4.3337	-1.0343
	T14	-4.57100(*)	.23383	.000	-5.6369	-3.5051
	T15	-10.70600(*)	1.10956	.001	-17.0432	-4.3688
	C4.5	3.48000(*)	.39356	.000	1.5045	5.4555
	C5.0	1.60800(*)	.33081	.046	.0147	3.2013
	C5.5	-.77300	.35361	1.000	-2.5037	.9577
	C6.0	-3.52000(*)	.30901	.000	-4.9845	-2.0555
	GG5.0	2.75700(*)	.36165	.001	.9773	4.5367
	GG5.5	-1.43400	.45206	.822	-3.7718	.9038
	H3.5	3.63000(*)	.22149	.000	2.6151	4.6449
	H4.0	3.32300(*)	.31718	.000	1.8107	4.8353
	H4.5	2.35000(*)	.29936	.000	.9414	3.7586
	G3.5	3.54000(*)	.33132	.000	1.9436	5.1364
	G4.0	2.60500(*)	.46832	.029	.1662	5.0438
	NP3.5	3.05900	.39600	.001	1.0685	5.0495
	NP4.5	.53400	.24168	1.000	-.5676	1.6356
	S45	3.75700(*)	.42049	.000	1.6150	5.8990
	polident	4.53400(*)	.35327	.000	2.8053	6.2627
	fittydent	3.31000	.68166	.125	-.4450	7.0650
	dent stet	13.03000(*)	.57749	.000	9.9150	16.1450
G3.5	T13	-6.22400(*)	.41103	.000	-8.0977	-4.3503
	T14	-8.11100(*)	.32844	.000	-9.7034	-6.5186
	T15	-14.24600(*)	1.13328	.000	-20.4743	-8.0177
	C4.5	-.06000	.45616	1.000	-2.1618	2.0418
	C5.0	-1.93200(*)	.40327	.030	-3.7698	-.0942
	C5.5	-4.31300(*)	.42218	.000	-6.2402	-2.3858
	C6.0	-7.06000(*)	.38559	.000	-8.8210	-5.2990
	GG5.0	-.78300	.42893	1.000	-2.7437	1.1777
	GG5.5	-4.97400(*)	.50750	.000	-7.3614	-2.5866
	H3.5	.09000	.31977	1.000	-1.4954	1.6754
	H4.0	-.21700	.39217	1.000	-2.0056	1.5716
	H4.5	-1.19000	.37790	.696	-2.9202	.5402
	H5.0	-3.54000(*)	.33132	.000	-5.1364	-1.9436
	G4.0	-.93500	.52203	1.000	-3.4064	1.5364
	NP3.5	-.48100	.45826	1.000	-2.5940	1.6320
	NP4.5	-3.00600(*)	.33407	.000	-4.6067	-1.4053
	S45	.21700	.47959	1.000	-2.0126	2.4466
	polident	.99400	.42189	.998	-.9318	2.9198
	fittydent	-.23000	.71962	1.000	-3.9023	3.4423
	dent stet	9.49000(*)	.62184	.000	6.4204	12.5596

ตาราง ฉ. แสดงการเปรียบเทียบเชิงซ้อนแบบ Tamhane ของแรงยึดติดของกาวยึดฟันปลอม
ที่มีวางขายในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
G4.0	T13	-5.28900(*)	.52772	.000	-7.7736	-2.8044
	T14	-7.17600(*)	.46628	.000	-9.6182	-4.7338
	T15	-13.31100(*)	1.18062	.000	-19.4227	-7.1993
	C4.5	.87500	.56358	1.000	-1.7182	3.4682
	C5.0	-.99700	.52171	1.000	-3.4677	1.4737
	C5.5	-3.37800(*)	.53645	.002	-5.8852	-.8708
	C6.0	-6.12500(*)	.50816	.000	-8.5705	-3.6795
	GG5.0	.15200	.54179	1.000	-2.3703	2.6743
	GG5.5	-4.03900(*)	.60589	.001	-6.8012	-1.2768
	H3.5	1.02500	.46022	1.000	-1.4302	3.4802
	H4.0	.71800	.51317	1.000	-1.7358	3.1718
	H4.5	-.25500	.50235	1.000	-2.6926	2.1826
	H5.0	-2.60500(*)	.46832	.029	-5.0438	-.1662
	G3.5	.93500	.52203	1.000	-1.5364	3.4064
	NP3.5	.45400	.56529	1.000	-2.1453	3.0533
	NP4.5	-2.07100	.47027	.172	-4.5069	.3649
	S45	1.15200	.58271	1.000	-1.5132	3.8172
	polident	1.92900	.53623	.392	-.5775	4.4355
	fittydent	.70500	.79208	1.000	-3.0372	4.4472
	dent stet	10.42500(*)	.70444	.000	7.1747	13.6753
NP3.5	T13	-5.74300(*)	.46474	.000	-7.8789	-3.6071
	T14	-7.63000(*)	.39358	.000	-9.6212	-5.6388
	T15	-13.76500(*)	1.15385	.000	-19.9283	-7.6017
	C4.5	.42100	.50509	1.000	-1.8808	2.7228
	C5.0	-1.45100	.45789	.691	-3.5628	.6608
	C5.5	-3.83200(*)	.47463	.000	-6.0050	-1.6590
	C6.0	-6.57900(*)	.44240	.000	-8.6421	-4.5159
	GG5.0	-.30200	.48065	1.000	-2.4989	1.8949
	GG5.5	-4.49300(*)	.55190	.000	-7.0225	-1.9635
	H3.5	.57100	.38638	1.000	-1.4262	2.5682
	H4.0	.26400	.44814	1.000	-1.8161	2.3441
	H4.5	-.70900	.43571	1.000	-2.7540	1.3360
	H5.0	-3.05900	.39600	.001	-5.0495	-1.0685
	G3.5	.48100	.45826	1.000	-1.6320	2.5940
	G4.0	-.45400	.56529	1.000	-3.0533	2.1453
	NP4.5	-2.52500(*)	.39830	.005	-4.5154	-.5346
	S45	.69800	.52634	1.000	-1.7035	3.0995
	polident	1.47500	.47437	.727	-.6970	3.6470
	fittydent	.25100	.75159	1.000	-3.4251	3.9271
	dent stet	9.97100(*)	.65858	.000	6.8499	13.0921

ตาราง ฌ. แสดงการเปรียบเทียบเชิงซ้อนแบบ Tamhane ของแรงยึดติดของกาวยึดฟันปลอม
ที่มีวางขายในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
NP4.5	T13	-3.21800(*)	.34290	.000	-4.8713	-1.5647
	T14	-5.10500(*)	.23771	.000	-6.1894	-4.0206
	T15	-11.24000(*)	1.11039	.000	-17.5728	-4.9072
	C4.5	2.94600(*)	.39587	.001	.9705	4.9215
	C5.0	1.07400	.33357	.704	-.5237	2.6717
	C5.5	-1.30700	.35619	.408	-3.0403	.4263
	C6.0	-4.05400(*)	.31196	.000	-5.5251	-2.5829
	GG5.0	2.22300(*)	.36417	.006	.4414	4.0046
	GG5.5	-1.96800	.45408	.185	-4.3035	.3675
	H3.5	3.09600(*)	.22558	.000	2.0598	4.1322
	H4.0	2.78900(*)	.32005	.000	1.2709	4.3071
	H4.5	1.81600(*)	.30240	.004	.3997	3.2323
	H5.0	-.53400	.24168	1.000	-1.6356	.5676
	G3.5	3.00600(*)	.33407	.000	1.4053	4.6067
	G4.0	2.07100	.47027	.172	-.3649	4.5069
	NP3.5	2.52500(*)	.39830	.005	.5346	4.5154
	S45	3.22300(*)	.42266	.001	1.0823	5.3637
	polident	4.00000(*)	.35585	.000	2.2688	5.7312
	fittydent	2.77600	.68300	.366	-.9739	6.5259
	dent stet	12.49600(*)	.57907	.000	9.3856	15.6064
S45	T13	-6.44100(*)	.48577	.000	-8.6898	-4.1922
	T14	-8.32800(*)	.41821	.000	-10.4718	-6.1842
	T15	-14.46300(*)	1.16248	.000	-20.6059	-8.3201
	C4.5	-.27700	.52451	1.000	-2.6708	2.1168
	C5.0	-2.14900	.47923	.070	-4.3775	.0795
	C5.5	-4.53000(*)	.49525	.000	-6.8106	-2.2494
	C6.0	-7.27700(*)	.46445	.000	-9.4656	-5.0884
	GG5.0	-1.00000	.50102	1.000	-3.3012	1.3012
	GG5.5	-5.19100(*)	.56973	.000	-7.7917	-2.5903
	H3.5	-.12700	.41144	1.000	-2.2798	2.0258
	H4.0	-.43400	.46992	1.000	-2.6364	1.7684
	H4.5	-1.40700	.45809	.798	-3.5814	.7674
	H5.0	-3.75700(*)	.42049	.000	-5.8990	-1.6150
	G3.5	-.21700	.47959	1.000	-2.4466	2.0126
	G4.0	-1.15200	.58271	1.000	-3.8172	1.5132
	NP3.5	-.69800	.52634	1.000	-3.0995	1.7035
	NP4.5	-3.22300(*)	.42266	.001	-5.3637	-1.0823
	polident	.77700	.49500	1.000	-1.5027	3.0567
	fittydent	-.44700	.76478	1.000	-4.1384	3.2444
	dent stet	9.27300(*)	.67359	.000	6.1160	12.4300

ตาราง ฌ. แสดงการเปรียบเทียบเชิงซ้อนแบบ Tamhane ของแรงยึดติดของกาวยึดฟันปลอม
ที่มีวางขายในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
polident	T13	-7.21800(*)	.42891	.000	-9.1737	-5.2623
	T14	-9.10500(*)	.35056	.000	-10.8316	-7.3784
	T15	-15.24000(*)	1.13989	.000	-21.4447	-9.0353
	C4.5	-1.05400	.47234	1.000	-3.2157	1.1077
	C5.0	-2.92600(*)	.42149	.000	-4.8502	-1.0018
	C5.5	-5.30700(*)	.43961	.000	-7.3104	-3.3036
	C6.0	-8.05400(*)	.40460	.000	-9.9117	-6.1963
	GG5.0	-1.77700	.44610	.168	-3.8104	.2564
	GG5.5	-5.96800(*)	.52209	.000	-8.3953	-3.5407
	H3.5	-.90400	.34246	.988	-2.6290	.8210
	H4.0	-1.21100	.41088	.842	-3.0924	.6704
	H4.5	-2.18400(*)	.39728	.008	-4.0157	-.3523
	H5.0	-4.53400(*)	.35327	.000	-6.2627	-2.8053
	G3.5	-.99400	.42189	.998	-2.9198	.9318
	G4.0	-1.92900	.53623	.392	-4.4355	.5775
	NP3.5	-1.47500	.47437	.727	-3.6470	.6970
	NP4.5	-4.00000(*)	.35585	.000	-5.7312	-2.2688
	S45	-.77700	.49500	1.000	-3.0567	1.5027
	fittydent	-1.22400	.72998	1.000	-4.8917	2.4437
	dent stet	8.49600(*)	.63381	.000	5.4162	11.5758
fittydent	T13	-5.99400(*)	.72376	.000	-9.6637	-2.3243
	T14	-7.88100(*)	.68026	.000	-11.6415	-4.1205
	T15	-14.01600(*)	1.28032	.000	-20.1607	-7.8713
	C4.5	.17000	.75031	1.000	-3.5050	3.8450
	C5.0	-1.70200	.71938	.999	-5.3745	1.9705
	C5.5	-4.08300(*)	.73015	.019	-7.7507	-.4153
	C6.0	-6.83000(*)	.70962	.000	-10.5132	-3.1468
	GG5.0	-.55300	.73408	1.000	-4.2205	3.1145
	GG5.5	-4.74400(*)	.78258	.004	-8.4659	-1.0221
	H3.5	.32000	.67612	1.000	-3.4581	4.0981
	H4.0	.01300	.71322	1.000	-3.6655	3.6915
	H4.5	-.96000	.70547	1.000	-4.6497	2.7297
	H5.0	-3.31000	.68166	.125	-7.0650	.4450
	G3.5	.23000	.71962	1.000	-3.4423	3.9023
	G4.0	-.70500	.79208	1.000	-4.4472	3.0372
	NP3.5	-.25100	.75159	1.000	-3.9271	3.4251
	NP4.5	-2.77600	.68300	.366	-6.5259	.9739
	S45	.44700	.76478	1.000	-3.2444	4.1384
	polident	1.22400	.72998	1.000	-2.4437	4.8917
	dent stet	9.72000(*)	.86115	.000	5.7668	13.6732

ตาราง ฌ. แสดงการเปรียบเทียบเชิงซ้อนแบบ Tamhane ของแรงยึดติดของกาวยึดฟันปลอม
ที่มีวางขายในท้องตลาดและกาวยึดฟันปลอมที่ทดลองผลิต (ต่อ)

(I) group	(J) group	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
dent stet	T13	-15.71400(*)	.62663	.000	-18.7868	-12.6412
	T14	-17.60100(*)	.57584	.000	-20.7211	-14.4809
	T15	-23.73600(*)	1.22803	.000	-29.8270	-17.6450
	C4.5	-9.55000(*)	.65712	.000	-12.6680	-6.4320
	C5.0	-11.42200(*)	.62157	.000	-14.4915	-8.3525
	C5.5	-13.80300(*)	.63400	.000	-16.8830	-10.7230
	C6.0	-16.55000(*)	.61025	.000	-19.6174	-13.4826
	GG5.0	-10.27300(*)	.63852	.000	-13.3587	-7.1873
	GG5.5	-14.46400(*)	.69374	.000	-17.6793	-11.2487
	H3.5	-9.40000(*)	.57094	.000	-12.5371	-6.2629
	H4.0	-9.70700(*)	.61442	.000	-12.7743	-6.6397
	H4.5	-10.68000(*)	.60542	.000	-13.7490	-7.6110
	H5.0	-13.03000(*)	.57749	.000	-16.1450	-9.9150
	G3.5	-9.49000(*)	.62184	.000	-12.5596	-6.4204
	G4.0	-10.42500(*)	.70444	.000	-13.6753	-7.1747
	NP3.5	-9.97100(*)	.65858	.000	-13.0921	-6.8499
	NP4.5	-12.49600(*)	.57907	.000	-15.6064	-9.3856
	S45	-9.27300(*)	.67359	.000	-12.4300	-6.1160
	polident	-8.49600(*)	.63381	.000	-11.5758	-5.4162
	fittydent	-9.72000(*)	.86115	.000	-13.6732	-5.7668

* The mean difference is significant at the .05 level.

การวิเคราะห์ทางสถิติการทดสอบแรงยึดติดเปรียบเทียบระหว่างวิธีการใช้ที่ต่างกัน

ตาราง ญ. แสดงการทดสอบความเท่ากันของค่าแปรปรวนของแรงยึดติดของ
นิวทรัลไลซ์คาร์บอพอล

Test of Homogeneity of Variances

tensile_NP

Levene Statistic	df1	df2	Sig.
.793	2	27	.463

ตาราง ฎ. แสดงการวิเคราะห์ความแปรปรวนแบบทางเดียวของแรงยึดติดของ
นิวทรัลไลซ์คาร์บอพอล

ANOVA

tensile_NP

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.604	2	.802	.793	.463
Within Groups	27.300	27	1.011		
Total	28.904	29			

ตาราง ฏ. แสดงการเปรียบเทียบเชิงซ้อนของแรงยึดติดของนิวทรัลไลซ์คาร์บอพอล

Multiple Comparisons

Dependent Variable: tensile_NP
Bonferroni

(I) Code	(J) Code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
spot	line	-.56600	.44969	.657	-1.7138	.5818
	plane	-.26400	.44969	1.000	-1.4118	.8838
line	spot	.56600	.44969	.657	-.5818	1.7138
	plane	.30200	.44969	1.000	-.8458	1.4498
plane	spot	.26400	.44969	1.000	-.8838	1.4118
	line	-.30200	.44969	1.000	-1.4498	.8458

ตาราง ฐ. แสดงการทดสอบความเท่ากันของค่าแปรปรวนของแรงยึดติดของพอลิเดนท์

Test of Homogeneity of Variances

tensile_polident

Levene Statistic	df1	df2	Sig.
3.424	2	27	.051

ตาราง ฑ. แสดงการวิเคราะห์ความแปรปรวนแบบทางเดียวของแรงยึดติดของพอลิเดนท์

ANOVA

tensile_polident

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4.709	2	2.354	2.516	.100
Within Groups	25.261	27	.936		
Total	29.970	29			

ตาราง ฒ. แสดงการเปรียบเทียบเชิงซ้อนของแรงยึดติดของพอลิเดนท์

Multiple Comparisons

Dependent Variable: tensile_polident

Bonferroni

(I) Code	(J) Code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
spot	line	.89200	.43257	.147	-.2121	1.9961
	plane	.77700	.43257	.251	-.3271	1.8811
line	spot	-.89200	.43257	.147	-1.9961	.2121
	plane	-.11500	.43257	1.000	-1.2191	.9891
plane	spot	-.77700	.43257	.251	-1.8811	.3271
	line	.11500	.43257	1.000	-.9891	1.2191

ตาราง ณ. แสดงการทดสอบความเท่ากันของค่าแปรปรวนของแรงยึดติดของนิวทรัลไลซ์คาร์บอพอลและพอลิเดนท์

Test of Homogeneity of Variances

tensile

Levene Statistic	df1	df2	Sig.
1.613	5	54	.172

ตาราง ด. แสดงการวิเคราะห์ความแปรปรวนแบบทางเดียวของนิวทรัลไลซ์คาร์บอพอลและพอลิเดนท์

ANOVA

tensile

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	30.392	5	6.078	6.245	.000
Within Groups	52.561	54	.973		
Total	82.953	59			

ตาราง ต. แสดงการเปรียบเทียบเชิงซ้อนแบบ Bonferroni ของนิวทรัลไลซ์คาร์บอพอลและ
พอลิเดนท์

Multiple Comparisons

Dependent Variable: tensile
Bonferroni

(I) codepo	(J) codepo	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
1	2	-.56600	.44121	1.000	-1.9211	.7891
	3	-.26400	.44121	1.000	-1.6191	1.0911
	4	.43400	.44121	1.000	-.9211	1.7891
	5	1.32600	.44121	.060	-.0291	2.6811
	6	1.21100	.44121	.123	-.1441	2.5661
2	1	.56600	.44121	1.000	-.7891	1.9211
	3	.30200	.44121	1.000	-1.0531	1.6571
	4	1.00000	.44121	.412	-.3551	2.3551
	5	1.89200*	.44121	.001	.5369	3.2471
	6	1.77700*	.44121	.003	.4219	3.1321
3	1	.26400	.44121	1.000	-1.0911	1.6191
	2	-.30200	.44121	1.000	-1.6571	1.0531
	4	.69800	.44121	1.000	-.6571	2.0531
	5	1.59000*	.44121	.010	.2349	2.9451
	6	1.47500*	.44121	.023	.1199	2.8301
4	1	-.43400	.44121	1.000	-1.7891	.9211
	2	-1.00000	.44121	.412	-2.3551	.3551
	3	-.69800	.44121	1.000	-2.0531	.6571
	5	.89200	.44121	.723	-.4631	2.2471
	6	.77700	.44121	1.000	-.5781	2.1321
5	1	-1.32600	.44121	.060	-2.6811	.0291
	2	-1.89200*	.44121	.001	-3.2471	-.5369
	3	-1.59000*	.44121	.010	-2.9451	-.2349
	4	-.89200	.44121	.723	-2.2471	.4631
	6	-.11500	.44121	1.000	-1.4701	1.2401
6	1	-1.21100	.44121	.123	-2.5661	.1441
	2	-1.77700*	.44121	.003	-3.1321	-.4219
	3	-1.47500*	.44121	.023	-2.8301	-.1199
	4	-.77700	.44121	1.000	-2.1321	.5781
	5	.11500	.44121	1.000	-1.2401	1.4701

*. The mean difference is significant at the .05 level.

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