Table 2. Calyx arborization patterns of 55 labeled single KCs.

Column A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Row 1		KC #		1	2	3	4	5	6	7	8	9	10	11	12	13			14	15	16	17	18	19	20
2		Sex		F	F	F	M	M	M	M	M	F	F	F	M	F			F	F	F	F	F	M	M
3		NB		D	D	D	D	D	D	D	D	D	D	D	D	D	SUM D		C	C	C	C	C	C	C
4	Glomerulus	#termini																							
5	D1	17					1		1						1	1	4					1			1
6	D2	3															0								
7	D3	11									1		1				2			1					
8	D4	6				1			1								2		1						
9	D5	10															0		1					1	
10	L1	16			1			1	1			1			1	1	6								1
11	L2	12		1	1	1					1						4								
12	L3	21		1				1		1	1			1		1	6				1				
13	L4	14				1				1							2		1		1				1
14	L5	6					1					1		1			3								
15	L6	10					1						1				2					1			1
16	L7	9													1		1								1
17	L8	11			1	1				1							3			1			1		1
18	A1/A2	25		1				1	1	1		1		1	1	1	8		1	1	1			1	
19	A3	15										1	1				2			1				1	
20	A4	10		1			1					1	1			1	5								
21	M1	7			1			1									2			1			1		
22	M2	6									1						1								
23	M3	16		1			1								1		3							1	
24	M4	5		1													1								
25	I1	11								1				1			2		1		1	1			
26	I2	7															0					1	1		
27	I3	2															0			1					
28	I4	6															0								
29	I5	2															0				1				
30	I6	3										1					1								
31	V1	15			1	1							1		1	1	5		1				1		
32	V2	5															0								
33	V3	20		1	1			1	1			1		1			6							1	
34	V4	7								1	1		1				3		1						
35	V5	2				1											1						1		
36	V6	7															0					1			1
37	V8	2															0				1			1	
	SUM	319		7	6	6	5	5	5	6	5	7	6	5	6	6	75		7	6	6	5	5	6	7
	n (glomeruli)	33																							
	Mean termini per glomerulus	9.67																							
	SD	5.97																							
	SE	1.04																							
	n (cells)	55																							
	Mean termini per cell	5.80																							
	SD	1.01																							
	SE	0.14																							

AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC
21	22	23			24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40			41	42	43	44	45
M	M	F			M	M	M	M	M	M	F	F	F	F	F	F	F	F	F	F	F			F	F	M	M	M
C	C	C	SUM	C	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	SUM	B	A	A	A	A	A
	1	1	4							1	1		1			1						4		1	1		1	
			0																	1		1			1			
			1		1	1	1										1					4					1	
	1		2																1			1				1		
	1		3							1				1				1				3						
	1		2				1			1						1	1	1		1		6						
			0			1										1	1					3				1		
			1			1	1		1		1					1					1		6		1	1		1	
1			4									1		1	1	1		1				5						
			0			1											1					2						
	1		3		1				1										1	1		4					1	
	1		2		1		1						1						1			4				1		
1			4				1		1	1												3		1				
		1	5		1					1		1			1				1			5		1	1	1		
1		1	4			1					1		1									4				1		
			0						1						1							2						1
			2					1							1							2						
	1		1					1												1		2						
			1			1		1	1	1			1					1			1		7		1			1	
			0				1															1		1		1		
		1	4								1									1		2			1			
1			3														1					1				1		
			1																			0					1	
			0						1					1				1			1	4						
		1	2																			0						
			0								1											1		1				
			2		1							1		1				1			1	5						
			0					1							1							2						1
1		1	3									1	1		1		1				1	5					1	
			1			1							1	1								3						
			1																			0						
1		1	4		1																	1						
			2																			0						
6	7	7	62		6	7	6	4	6	6	5	4	6	5	6	5	6	6	4	6	5	93		7	5	7	7	2

BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR
46 M A	**46 M A**	**48 M A**	**49 M A**	**50 M A**	**51 M A**	**52 F A**	**53 F A**	**SUM A**		**54 M C/D**	**55 F B/C**	**TOTAL**		
						1		4			1	17		**D1**
								1		1		3		**D2**
1					1	1		4				11		**D3**
								1				6		**D4**
	1	1	1			1		4				10		**D5**
					1			1		1		16		**L1**
	1	1			1	1		5				12		**L2**
1	1			1		1		7			1	21		**L3**
				1			1	2			1	14		**L4**
				1				1				6		**L5**
								1				10		**L6**
		1						2				9		**L7**
								1				11		**L8**
1			1				1	6		1		25		**A1/A2**
				1	1			3		1	1	15		**A3**
							1	2			1	10		**A4**
							1	1				7		**M1**
			1		1			2				6		**M2**
			1	1				4		1		16		**M3**
1								3				5		**M4**
	1	1						3				11		**I1**
1								2			1	7		**I2**
								1				2		**I3**
				1		1		2				6		**I4**
								0				2		**I5**
								1				3		**I6**
	1	1						2		1		15		**V1**
1							1	3				5		**V2**
1			1			1	1	5			1	20		**V3**
								0				7		**V4**
								0				2		**V5**
			1					1		1		7		**V6**
								0				2		**V8**
7	5	5	6	6	5	7	6	75		7	7			

Starting here are contingency tables for χ2 comparisons of different groups of KCs
Compare glomeruli innervated by progeny of different neuroblasts

Observed

BS	BT	BU	BV	BW	BR
D	C	B	A	SUM	
4	4	4	4	16	**D1**
0	0	1	1	2	**D2**
2	1	4	4	11	**D3**
2	2	1	1	6	**D4**
0	3	3	4	10	**D5**
6	2	6	1	15	**L1**
4	0	3	5	12	**L2**
6	1	6	7	20	**L3**
2	4	5	2	13	**L4**
3	0	2	1	6	**L5**
2	3	4	1	10	**L6**
1	2	4	2	9	**L7**
3	4	3	1	11	**L8**
8	5	5	6	24	**A1/A2**
2	4	4	3	13	**A3**
5	0	2	2	9	**A4**
2	2	2	1	7	**M1**
1	1	2	2	6	**M2**
3	1	7	4	15	**M3**
1	0	1	3	5	**M4**
2	4	2	3	11	**I1**
0	3	1	2	6	**I2**
0	1	0	1	2	**I3**
0	0	4	2	6	**I4**
0	2	0	0	2	**I5**
1	0	1	1	3	**I6**
5	2	5	2	14	**V1**
0	0	2	3	5	**V2**
6	3	5	5	19	**V3**
3	1	3	0	7	**V4**
1	1	0	0	2	**V5**
0	4	1	1	6	**V6**
0	2	0	0	2	**V8**
75	62	93	75	305	

Expected

BW	BX	BY	BZ	CA	CB	BR
SUM	D	C	B	A	SUM	
16	3.934	3.252	4.879	3.934	16	**D1**
2	0.492	0.407	0.61	0.492	2	**D2**
11	2.705	2.236	3.354	2.705	11	**D3**
6	1.475	1.22	1.83	1.475	6	**D4**
10	2.459	2.033	3.049	2.459	10	**D5**
15	3.689	3.049	4.574	3.689	15	**L1**
12	2.951	2.439	3.659	2.951	12	**L2**
20	4.918	4.066	6.098	4.918	20	**L3**
13	3.197	2.643	3.964	3.197	13	**L4**
6	1.475	1.22	1.83	1.475	6	**L5**
10	2.459	2.033	3.049	2.459	10	**L6**
9	2.213	1.83	2.744	2.213	9	**L7**
11	2.705	2.236	3.354	2.705	11	**L8**
24	5.902	4.879	7.318	5.902	24	**A1/A2**
13	3.197	2.643	3.964	3.197	13	**A3**
9	2.213	1.83	2.744	2.213	9	**A4**
7	1.721	1.423	2.134	1.721	7	**M1**
6	1.475	1.22	1.83	1.475	6	**M2**
15	3.689	3.049	4.574	3.689	15	**M3**
5	1.23	1.016	1.525	1.23	5	**M4**
11	2.705	2.236	3.354	2.705	11	**I1**
6	1.475	1.22	1.83	1.475	6	**I2**
2	0.492	0.407	0.61	0.492	2	**I3**
6	1.475	1.22	1.83	1.475	6	**I4**
2	0.492	0.407	0.61	0.492	2	**I5**
3	0.738	0.61	0.915	0.738	3	**I6**
14	3.443	2.846	4.269	3.443	14	**V1**
5	1.23	1.016	1.525	1.23	5	**V2**
19	4.672	3.862	5.793	4.672	19	**V3**
7	1.721	1.423	2.134	1.721	7	**V4**
2	0.492	0.407	0.61	0.492	2	**V5**
6	1.475	1.22	1.83	1.475	6	**V6**
2	0.492	0.407	0.61	0.492	2	**V8**
305	75	62	93	75	305	

p = 0.4698 N.S.

CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD
Male-Female comparison																								
Observed			**Expected**					**Observed**			**Expected**					**Observed**			**Expected**					**Observed**
Male	Female	SUM	Male	Female	SUM			A1/2	nonA1/2	SUM	A1/2	nonA1/2	SUM			L3	non-L3	SUM	L3	non-L3	SUM			D1
7	10	17	7.9937	9.0063	17		**D1**	7	10	17	7.22789	9.77211	17		**D1**	8	9	17	5.9899	11.01	17		**D1**	
1	2	3	1.4107	1.5893	3		**D2**	2	1	3	1.27551	1.72449	3		**D2**	2	1	3	1.057	1.943	3		**D2**	1
7	4	11	5.1724	5.8276	11		**D3**	3	8	11	4.67687	6.32313	11		**D3**	6	5	11	3.8758	7.1242	11		**D3**	2
3	3	6	2.8213	3.1787	6		**D4**	4	2	6	2.55102	3.44898	6		**D4**	0	6	6	2.1141	3.8859	6		**D4**	2
6	4	10	4.7022	5.2978	10		**D5**	4	6	10	4.2517	5.7483	10		**D5**	2	8	10	3.5235	6.4765	10		**D5**	3
9	7	16	7.5235	8.4765	16		**L1**	7	9	16	6.80272	9.19728	16		**L1**	5	11	16	5.6376	10.362	16		**L1**	7
6	6	12	5.6426	6.3574	12		**L2**	2	10	12	5.10204	6.89796	12		**L2**	6	6	12	4.2282	7.7718	12		**L2**	2
10	11	21	9.8746	11.125	21		**L3**	9	12	21	8.92857	12.0714	21		**L3**								**L3**	8
4	10	14	6.5831	7.4169	14		**L4**	6	8	14	5.95238	8.04762	14		**L4**	5	9	14	4.9329	9.0671	14		**L4**	3
3	3	6	2.8213	3.1787	6		**L5**	2	4	6	2.55102	3.44898	6		**L5**	3	3	6	2.1141	3.8859	6		**L5**	1
6	4	10	4.7022	5.2978	10		**L6**	2	8	10	4.2517	5.7483	10		**L6**	3	7	10	3.5235	6.4765	10		**L6**	5
7	2	9	4.232	4.768	9		**L7**	4	5	9	3.82653	5.17347	9		**L7**	1	8	9	3.1711	5.8289	9		**L7**	4
6	5	11	5.1724	5.8276	11		**L8**	4	7	11	4.67687	6.32313	11		**L8**	4	7	11	3.8758	7.1242	11		**L8**	3
11	14	25	11.755	13.245	25		**A1/A2**								**A1/A2**	9	16	25	8.8087	16.191	25		**A1/A2**	7
7	8	15	7.0533	7.9467	15		**A3**	6	9	15	6.37755	8.62245	15		**A3**	4	11	15	5.2852	9.7148	15		**A3**	4
3	7	10	4.7022	5.2978	10		**A4**	5	5	10	4.2517	5.7483	10		**A4**	4	6	10	3.5235	6.4765	10		**A4**	3
2	5	7	3.2915	3.7085	7		**M1**	4	3	7	2.97619	4.02381	7		**M1**	1	6	7	2.4664	4.5336	7		**M1**	0
5	1	6	2.8213	3.1787	6		**M2**	1	5	6	2.55102	3.44898	6		**M2**	2	4	6	2.1141	3.8859	6		**M2**	1
11	5	16	7.5235	8.4765	16		**M3**	7	9	16	6.80272	9.19728	16		**M3**	6	10	16	5.6376	10.362	16		**M3**	6
3	2	5	2.3511	2.6489	5		**M4**	4	1	5	2.12585	2.87415	5		**M4**	4	1	5	1.7617	3.2383	5		**M4**	1
3	8	11	5.1724	5.8276	11		**I1**	6	5	11	4.67687	6.32313	11		**I1**	7	4	11	3.8758	7.1242	11		**I1**	4
3	4	7	3.2915	3.7085	7		**I2**	2	5	7	2.97619	4.02381	7		**I2**	2	5	7	2.4664	4.5336	7		**I2**	2
1	1	2	0.9404	1.0596	2		**I3**	1	1	2	0.85034	1.14966	2		**I3**	1	1	2	0.7047	1.2953	2		**I3**	1
2	4	6	2.8213	3.1787	6		**I4**	0	6	6	2.55102	3.44898	6		**I4**	3	3	6	2.1141	3.8859	6		**I4**	1
0	2	2	0.9404	1.0596	2		**I5**	2	0	2	0.85034	1.14966	2		**I5**	1	1	2	0.7047	1.2953	2		**I5**	1
0	3	3	1.4107	1.5893	3		**I6**	2	1	3	1.27551	1.72449	3		**I6**	2	1	3	1.057	1.943	3		**I6**	2
5	10	15	7.0533	7.9467	15		**V1**	6	9	15	6.37755	8.62245	15		**V1**	2	13	15	5.2852	9.7148	15		**V1**	2
3	2	5	2.3511	2.6489	5		**V2**	3	2	5	2.12585	2.87415	5		**V2**	1	4	5	1.7617	3.2383	5		**V2**	0
7	13	20	9.4044	10.596	20		**V3**	12	8	20	8.5034	11.4966	20		**V3**	7	13	20	7.047	12.953	20		**V3**	6
3	4	7	3.2915	3.7085	7		**V4**	2	5	7	2.97619	4.02381	7		**V4**	3	4	7	2.4664	4.5336	7		**V4**	1
0	2	2	0.9404	1.0596	2		**V5**	0	2	2	0.85034	1.14966	2		**V5**	0	2	2	0.7047	1.2953	2		**V5**	0
5	2	7	3.2915	3.7085	7		**V6**	4	3	7	2.97619	4.02381	7		**V6**	0	7	7	2.4664	4.5336	7		**V6**	3
1	1	2	0.9404	1.0596	2		**V8**	2	0	2	0.85034	1.14966	2		**V8**	1	1	2	0.7047	1.2953	2		**V8**	0
150	169	319	150	169	319			125	169	294	125	169	294			105	193	298	105	193	298			86

p = 0.5769 N.S.

p = 0.46 N.S.

p = 0.36 N.S.

Comparisons to the right of here look for preferential association or avoidance of pairs of glomeruli in same KC

DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB
d		Expected					Observed			Expected					Observed			Expected					Observed
non-D1	SUM	D1	non-D1	SUM			M3	non-M3	SUM	M3	non-M3	SUM			D3	non-D3	SUM	D3	non-D3	SUM			A3
						D1	6	11	17	4.5446	12.455	17		**D1**	2	15	17	3.1461	13.854	17		**D1**	4
2	3	0.8543	2.1457	3		**D2**	1	2	3	0.802	2.198	3		**D2**	0	3	3	0.5552	2.4448	3		**D2**	1
9	11	3.1325	7.8675	11		**D3**	2	9	11	2.9406	8.0594	11		**D3**								**D3**	4
4	6	1.7086	4.2914	6		**D4**	0	6	6	1.604	4.396	6		**D4**	0	6	6	1.1104	4.8896	6		**D4**	1
7	10	2.8477	7.1523	10		**D5**	4	6	10	2.6733	7.3267	10		**D5**	1	9	10	1.8506	8.1494	10		**D5**	1
9	16	4.5563	11.444	16		**L1**	4	12	16	4.2772	11.723	16		**L1**	3	13	16	2.961	13.039	16		**L1**	3
10	12	3.4172	8.5828	12		**L2**	2	10	12	3.2079	8.7921	12		**L2**	5	7	12	2.2208	9.7792	12		**L2**	3
13	21	5.9801	15.02	21		**L3**	6	15	21	5.6139	15.386	21		**L3**	6	15	21	3.8864	17.114	21		**L3**	4
11	14	3.9868	10.013	14		**L4**	2	12	14	3.7426	10.257	14		**L4**	0	14	14	2.5909	11.409	14		**L4**	3
5	6	1.7086	4.2914	6		**L5**	3	3	6	1.604	4.396	6		**L5**	2	4	6	1.1104	4.8896	6		**L5**	3
5	10	2.8477	7.1523	10		**L6**	3	7	10	2.6733	7.3267	10		**L6**	3	7	10	1.8506	8.1494	10		**L6**	1
5	9	2.5629	6.4371	9		**L7**	2	7	9	2.4059	6.5941	9		**L7**	2	7	9	1.6656	7.3344	9		**L7**	2
8	11	3.1325	7.8675	11		**L8**	3	8	11	2.9406	8.0594	11		**L8**	2	9	11	2.0357	8.9643	11		**L8**	2
18	25	7.1192	17.881	25		**A1/A2**	7	18	25	6.6832	18.317	25		**A1/A2**	3	22	25	4.6266	20.373	25		**A1/A2**	6
11	15	4.2715	10.728	15		**A3**	6	9	15	4.0099	10.99	15		**A3**	4	11	15	2.776	12.224	15		**A3**	
7	10	2.8477	7.1523	10		**A4**	3	7	10	2.6733	7.3267	10		**A4**	1	9	10	1.8506	8.1494	10		**A4**	3
7	7	1.9934	5.0066	7		**M1**	1	6	7	1.8713	5.1287	7		**M1**	1	6	7	1.2955	5.7045	7		**M1**	1
5	6	1.7086	4.2914	6		**M2**	2	4	6	1.604	4.396	6		**M2**	2	4	6	1.1104	4.8896	6		**M2**	1
10	16	4.5563	11.444	16		**M3**								**M3**	2	14	16	2.961	13.039	16		**M3**	6
4	5	1.4238	3.5762	5		**M4**	2	3	5	1.3366	3.6634	5		**M4**	2	3	5	0.9253	4.0747	5		**M4**	1
7	11	3.1325	7.8675	11		**I1**	0	11	11	2.9406	8.0594	11		**I1**	0	11	11	2.0357	8.9643	11		**I1**	2
5	7	1.9934	5.0066	7		**I2**	0	7	7	1.8713	5.1287	7		**I2**	2	5	7	1.2955	5.7045	7		**I2**	3
1	2	0.5695	1.4305	2		**I3**	1	1	2	0.5347	1.4653	2		**I3**	2	0	2	0.3701	1.6299	2		**I3**	1
5	6	1.7086	4.2914	6		**I4**	4	2	6	1.604	4.396	6		**I4**	1	5	6	1.1104	4.8896	6		**I4**	2
1	2	0.5695	1.4305	2		**I5**	0	2	2	0.5347	1.4653	2		**I5**	0	2	2	0.3701	1.6299	2		**I5**	1
1	3	0.8543	2.1457	3		**I6**	1	2	3	0.802	2.198	3		**I6**	0	3	3	0.5552	2.4448	3		**I6**	2
13	15	4.2715	10.728	15		**V1**	4	11	15	4.0099	10.99	15		**V1**	2	13	15	2.776	12.224	15		**V1**	3
5	5	1.4238	3.5762	5		**V2**	1	4	5	1.3366	3.6634	5		**V2**	1	4	5	0.9253	4.0747	5		**V2**	0
14	20	5.6954	14.305	20		**V3**	6	14	20	5.3465	14.653	20		**V3**	4	16	20	3.7013	16.299	20		**V3**	7
6	7	1.9934	5.0066	7		**V4**	2	5	7	1.8713	5.1287	7		**V4**	3	4	7	1.2955	5.7045	7		**V4**	3
2	2	0.5695	1.4305	2		**V5**	0	2	2	0.5347	1.4653	2		**V5**	0	2	2	0.3701	1.6299	2		**V5**	0
4	7	1.9934	5.0066	7		**V6**	2	5	7	1.8713	5.1287	7		**V6**	1	6	7	1.2955	5.7045	7		**V6**	3
2	2	0.5695	1.4305	2		**V8**	1	1	2	0.5347	1.4653	2		**V8**	0	2	2	0.3701	1.6299	2		**V8**	1
216	302	86	216	302			81	222	303	81	222	303			57	251	308	57	251	308			78

p = 0.85 N.S.

p = 0.82 N.S.

p = 0.31 N.S.

EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA
d		Expected					Observed			Expected					Observed			Expected					Observed	
non-A3	SUM	A3	non-A3	SUM			L6	non-L6	SUM	L6	non-L6	SUM			L1	non-L1	SUM	L1	non-L1	SUM			V3	non-V3
13	17	4.3618	12.638	17		**D1**	5	12	17	2.6958	14.304	17		**D1**	7	10	17	4.4884	12.512	17		**D1**	6	11
2	3	0.7697	2.2303	3		**D2**	1	2	3	0.4757	2.5243	3		**D2**	2	1	3	0.7921	2.2079	3		**D2**	0	3
7	11	2.8224	8.1776	11		**D3**	3	8	11	1.7443	9.2557	11		**D3**	3	8	11	2.9043	8.0957	11		**D3**	4	7
5	6	1.5395	4.4605	6		**D4**	2	4	6	0.9515	5.0485	6		**D4**	2	4	6	1.5842	4.4158	6		**D4**	1	5
9	10	2.5658	7.4342	10		**D5**	1	9	10	1.5858	8.4142	10		**D5**	3	7	10	2.6403	7.3597	10		**D5**	3	7
13	16	4.1053	11.895	16		**L1**	3	13	16	2.5372	13.463	16		**L1**								**L1**	5	11
9	12	3.0789	8.9211	12		**L2**	0	12	12	1.9029	10.097	12		**L2**	4	8	12	3.1683	8.8317	12		**L2**	4	8
17	21	5.3882	15.612	21		**L3**	3	18	21	3.3301	17.67	21		**L3**	5	16	21	5.5446	15.455	21		**L3**	7	14
11	14	3.5921	10.408	14		**L4**	1	13	14	2.2201	11.78	14		**L4**	3	11	14	3.6964	10.304	14		**L4**	5	9
3	6	1.5395	4.4605	6		**L5**	1	5	6	0.9515	5.0485	6		**L5**	2	4	6	1.5842	4.4158	6		**L5**	3	3
9	10	2.5658	7.4342	10		**L6**								**L6**	3	7	10	2.6403	7.3597	10		**L6**	1	9
7	9	2.3092	6.6908	9		**L7**	4	5	9	1.4272	7.5728	9		**L7**	4	5	9	2.3762	6.6238	9		**L7**	1	8
9	11	2.8224	8.1776	11		**L8**	2	9	11	1.7443	9.2557	11		**L8**	4	7	11	2.9043	8.0957	11		**L8**	2	9
19	25	6.4145	18.586	25		**A1/A2**	2	23	25	3.9644	21.036	25		**A1/A2**	7	18	25	6.6007	18.399	25		**A1/A2**	12	13
						A3	1	14	15	2.3786	12.621	15		**A3**	3	12	15	3.9604	11.04	15		**A3**	7	8
7	10	2.5658	7.4342	10		**A4**	3	7	10	1.5858	8.4142	10		**A4**	2	8	10	2.6403	7.3597	10		**A4**	5	5
6	7	1.7961	5.2039	7		**M1**	0	7	7	1.11	5.89	7		**M1**	2	5	7	1.8482	5.1518	7		**M1**	4	3
5	6	1.5395	4.4605	6		**M2**	2	4	6	0.9515	5.0485	6		**M2**	3	3	6	1.5842	4.4158	6		**M2**	1	5
10	16	4.1053	11.895	16		**M3**	3	13	16	2.5372	13.463	16		**M3**	4	12	16	4.2244	11.776	16		**M3**	6	10
4	5	1.2829	3.7171	5		**M4**	0	5	5	0.7929	4.2071	5		**M4**	1	4	5	1.3201	3.6799	5		**M4**	2	3
9	11	2.8224	8.1776	11		**I1**	2	9	11	1.7443	9.2557	11		**I1**	1	10	11	2.9043	8.0957	11		**I1**	2	9
4	7	1.7961	5.2039	7		**I2**	1	6	7	1.11	5.89	7		**I2**	1	6	7	1.8482	5.1518	7		**I2**	4	3
1	2	0.5132	1.4868	2		**I3**	1	1	2	0.3172	1.6828	2		**I3**	0	2	2	0.5281	1.4719	2		**I3**	1	1
4	6	1.5395	4.4605	6		**I4**	1	5	6	0.9515	5.0485	6		**I4**	1	5	6	1.5842	4.4158	6		**I4**	2	4
1	2	0.5132	1.4868	2		**I5**	0	2	2	0.3172	1.6828	2		**I5**	0	2	2	0.5281	1.4719	2		**I5**	1	1
1	3	0.7697	2.2303	3		**I6**	0	3	3	0.4757	2.5243	3		**I6**	1	2	3	0.7921	2.2079	3		**I6**	1	2
12	15	3.8487	11.151	15		**V1**	2	13	15	2.3786	12.621	15		**V1**	5	10	15	3.9604	11.04	15		**V1**	3	12
5	5	1.2829	3.7171	5		**V2**	0	5	5	0.7929	4.2071	5		**V2**	0	5	5	1.3201	3.6799	5		**V2**	3	2
13	20	5.1316	14.868	20		**V3**	1	19	20	3.1715	16.828	20		**V3**	5	15	20	5.2805	14.719	20		**V3**		
4	7	1.7961	5.2039	7		**V4**	1	6	7	1.11	5.89	7		**V4**	0	7	7	1.8482	5.1518	7		**V4**	1	6
2	2	0.5132	1.4868	2		**V5**	0	2	2	0.3172	1.6828	2		**V5**	0	2	2	0.5281	1.4719	2		**V5**	0	2
4	7	1.7961	5.2039	7		**V6**	3	4	7	1.11	5.89	7		**V6**	2	5	7	1.8482	5.1518	7		**V6**	3	4
1	2	0.5132	1.4868	2		**V8**	0	2	2	0.3172	1.6828	2		**V8**	0	2	2	0.5281	1.4719	2		**V8**	1	1
226	304	78	226	304			49	260	309	49	260	309			80	223	303	80	223	303			101	198

p = 0.93 N.S.

p = 0.47 N.S.

p = 0.95 N.S.

FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM
	Expected					**Observed**			**Expected**		
SUM	V3	non-V3	SUM			V1	non-V1	SUM	V1	non-V1	SUM
17	5.7425	11.258	17		**D1**	2	15	17	3.91447	13.0855	17
3	1.0134	1.9866	3		**D2**	1	2	3	0.69079	2.30921	3
11	3.7157	7.2843	11		**D3**	2	9	11	2.53289	8.46711	11
6	2.0268	3.9732	6		**D4**	2	4	6	1.38158	4.61842	6
10	3.3779	6.6221	10		**D5**	5	5	10	2.30263	7.69737	10
16	5.4047	10.595	16		**L1**	5	11	16	3.68421	12.3158	16
12	4.0535	7.9465	12		**L2**	4	8	12	2.76316	9.23684	12
21	7.0936	13.906	21		**L3**	2	19	21	4.83553	16.1645	21
14	4.7291	9.2709	14		**L4**	5	9	14	3.22368	10.7763	14
6	2.0268	3.9732	6		**L5**	0	6	6	1.38158	4.61842	6
10	3.3779	6.6221	10		**L6**	2	8	10	2.30263	7.69737	10
9	3.0401	5.9599	9		**L7**	3	6	9	2.07237	6.92763	9
11	3.7157	7.2843	11		**L8**	3	8	11	2.53289	8.46711	11
25	8.4448	16.555	25		**A1/A2**	6	19	25	5.75658	19.2434	25
15	5.0669	9.9331	15		**A3**	3	12	15	3.45395	11.5461	15
10	3.3779	6.6221	10		**A4**	2	8	10	2.30263	7.69737	10
7	2.3645	4.6355	7		**M1**	2	5	7	1.61184	5.38816	7
6	2.0268	3.9732	6		**M2**	0	6	6	1.38158	4.61842	6
16	5.4047	10.595	16		**M3**	4	12	16	3.68421	12.3158	16
5	1.689	3.311	5		**M4**	0	5	5	1.15132	3.84868	5
11	3.7157	7.2843	11		**I1**	3	8	11	2.53289	8.46711	11
7	2.3645	4.6355	7		**I2**	1	6	7	1.61184	5.38816	7
2	0.6756	1.3244	2		**I3**	0	2	2	0.46053	1.53947	2
6	2.0268	3.9732	6		**I4**	3	3	6	1.38158	4.61842	6
2	0.6756	1.3244	2		**I5**	0	2	2	0.46053	1.53947	2
3	1.0134	1.9866	3		**I6**	0	3	3	0.69079	2.30921	3
15	5.0669	9.9331	15		**V1**						
5	1.689	3.311	5		**V2**	0	5	5	1.15132	3.84868	5
					V3	3	17	20	4.60526	15.3947	20
7	2.3645	4.6355	7		**V4**	3	4	7	1.61184	5.38816	7
2	0.6756	1.3244	2		**V5**	2	0	2	0.46053	1.53947	2
7	2.3645	4.6355	7		**V6**	2	5	7	1.61184	5.38816	7
2	0.6756	1.3244	2		**V8**	0	2	2	0.46053	1.53947	2
299	101	198	299			70	234	304	70	234	304
		p =	0.8							p =	0.42