

```

In [3]: # Load required library
install.packages("gmodels")
library(gmodels)

# Read the modified CSV file
data <- read.csv("Complete_Data_Modified.csv")

# Define your variables
independent_vars <- c('BFI..E.', 'BFI..A.', 'BFI..C.', 'BFI..N.', 'BFI..O.', 'EI')
dependent_vars <- c('Panas..', 'Panas...1', 'CBCL')
mediator_var <- 'PAQ'

# Function to perform chi-square test
perform_chi_square <- function(variable1, variable2) {
  cat("Chi-square test between", variable1, "and", variable2, ":\n")
  cross_table <- CrossTable(data[[variable1]], data[[variable2]], chisq = TRUE,
  return(cross_table)
}

# Perform chi-square tests for each pair of variables
for (independent_var in independent_vars) {
  for (dependent_var in dependent_vars) {
    result <- perform_chi_square(independent_var, dependent_var)
    print(result$t)
    cat("\n\n")

    # Also test mediator_var vs. dependent_var
    result_mediator_dependent <- perform_chi_square(mediator_var, dependent_var)
    print(result_mediator_dependent$t)
    cat("\n\n")
  }

  # Also test mediator_var vs. dependent_vars
  result_mediator <- perform_chi_square(independent_var, mediator_var)
  print(result_mediator$t)
  cat("\n\n")
}

```

Updating HTML index of packages in '.Library'

Making 'packages.html' ...  
done

Chi-square test between BFI..E. and Panas.. :

Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	12	19	1	32
	14.136	16.155	1.709	
	0.323	0.501	0.294	
	0.375	0.594	0.031	0.155
	0.132	0.183	0.091	
	0.058	0.092	0.005	
2	76	77	9	162
	71.563	81.786	8.650	
	0.275	0.280	0.014	
	0.469	0.475	0.056	0.786
	0.835	0.740	0.818	
	0.369	0.374	0.044	
3	3	8	1	12
	5.301	6.058	0.641	
	0.999	0.622	0.201	
	0.250	0.667	0.083	0.058
	0.033	0.077	0.091	
	0.015	0.039	0.005	
Column Total	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 3.509428      d.f. = 4      p = 0.4764462

	y			
x	1	2	3	
1	12	19	1	
2	76	77	9	
3	3	8	1	

Chi-square test between PAQ and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	56	64	8	128
	56.544	64.621	6.835	
	0.005	0.006	0.199	
	0.438	0.500	0.062	0.621
	0.615	0.615	0.727	
	0.272	0.311	0.039	
2	14	28	3	45
	19.879	22.718	2.403	
	1.738	1.228	0.148	
	0.311	0.622	0.067	0.218
	0.154	0.269	0.273	
	0.068	0.136	0.015	
3	21	12	0	33
	14.578	16.660	1.762	
	2.829	1.304	1.762	
	0.636	0.364	0.000	0.160
	0.231	0.115	0.000	
	0.102	0.058	0.000	
Column Total	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 9.21958      d.f. = 4      p = 0.05583933

		y	
x	1	2	3
1	56	64	8
2	14	28	3
3	21	12	0

Chi-square test between BFI..E. and Panas...1 :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
1	20	12	32
	24.699	7.301	
	0.894	3.024	
	0.625	0.375	0.155
	0.126	0.255	
	0.097	0.058	
2	130	32	162
	125.039	36.961	
	0.197	0.666	
	0.802	0.198	0.786
	0.818	0.681	
	0.631	0.155	
3	9	3	12
	9.262	2.738	
	0.007	0.025	
	0.750	0.250	0.058
	0.057	0.064	
	0.044	0.015	
Column Total	159	47	206
	0.772	0.228	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 4.813653      d.f. = 2      p = 0.09010076

y		
x	1	2
1	20	12
2	130	32
3	9	3

Chi-square test between PAQ and Panas...1 :

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
1	93	35	128
	98.796	29.204	
	0.340	1.150	
	0.727	0.273	0.621
	0.585	0.745	
	0.451	0.170	
2	38	7	45
	34.733	10.267	
	0.307	1.040	
	0.844	0.156	0.218
	0.239	0.149	
	0.184	0.034	
3	28	5	33
	25.471	7.529	
	0.251	0.850	
	0.848	0.152	0.160
	0.176	0.106	
	0.136	0.024	
Column Total	159	47	206
	0.772	0.228	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 3.937957      d.f. = 2      p = 0.1395994

y		
x	1	2
1	93	35
2	38	7
3	28	5

Chi-square test between BFI..E. and CBCL :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"



Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	4	8	20	32
	4.350	8.699	18.951	
	0.028	0.056	0.058	
	0.125	0.250	0.625	0.155
	0.143	0.143	0.164	
	0.019	0.039	0.097	
2	24	41	97	162
	22.019	44.039	95.942	
	0.178	0.210	0.012	
	0.148	0.253	0.599	0.786
	0.857	0.732	0.795	
	0.117	0.199	0.471	
3	0	7	5	12
	1.631	3.262	7.107	
	1.631	4.283	0.625	
	0.000	0.583	0.417	0.058
	0.000	0.125	0.041	
	0.000	0.034	0.024	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

Chi^2 = 7.080375      d.f. = 4      p = 0.1317012

y	
x	1 2 3
1	4 8 20
2	24 41 97
3	0 7 5

Chi-square test between PAQ and CBCL :

```
Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"
```

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	16	28	84	128
	17.398	34.796	75.806	
	0.112	1.327	0.886	
	0.125	0.219	0.656	0.621
	0.571	0.500	0.689	
	0.078	0.136	0.408	
2	9	21	15	45
	6.117	12.233	26.650	
	1.359	6.283	5.093	
	0.200	0.467	0.333	0.218
	0.321	0.375	0.123	
	0.044	0.102	0.073	
3	3	7	23	33
	4.485	8.971	19.544	
	0.492	0.433	0.611	
	0.091	0.212	0.697	0.160
	0.107	0.125	0.189	
	0.015	0.034	0.112	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 16.59711      d.f. = 4      p = 0.00231419

y	
x	1 2 3
1	16 28 84
2	9 21 15
3	3 7 23

Chi-square test between BFI..E. and PAQ :

```
Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"
```

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	24	3	5	32
	19.883	6.990	5.126	
	0.852	2.278	0.003	
	0.750	0.094	0.156	0.155
	0.188	0.067	0.152	
	0.117	0.015	0.024	
2	96	39	27	162
	100.660	35.388	25.951	
	0.216	0.369	0.042	
	0.593	0.241	0.167	0.786
	0.750	0.867	0.818	
	0.466	0.189	0.131	
3	8	3	1	12
	7.456	2.621	1.922	
	0.040	0.055	0.443	
	0.667	0.250	0.083	0.058
	0.062	0.067	0.030	
	0.039	0.015	0.005	
Column Total	128	45	33	206
	0.621	0.218	0.160	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 4.296724      d.f. = 4      p = 0.3673355

y	
x	1 2 3
1	24 3 5
2	96 39 27
3	8 3 1

Chi-square test between BFI..A. and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	40	32	4	76
	33.573	38.369	4.058	
	1.230	1.057	0.001	
	0.526	0.421	0.053	0.369
	0.440	0.308	0.364	
	0.194	0.155	0.019	
2	51	66	6	123
	54.335	62.097	6.568	
	0.205	0.245	0.049	
	0.415	0.537	0.049	0.597
	0.560	0.635	0.545	
	0.248	0.320	0.029	
3	0	6	1	7
	3.092	3.534	0.374	
	3.092	1.721	1.049	
	0.000	0.857	0.143	0.034
	0.000	0.058	0.091	
	0.000	0.029	0.005	
Column Total	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 8.649697      d.f. = 4      p = 0.07047733

		y		
x		1	2	3
1		40	32	4
2		51	66	6
3		0	6	1

Chi-square test between PAQ and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"



Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	56	64	8	128
	56.544	64.621	6.835	
	0.005	0.006	0.199	
	0.438	0.500	0.062	0.621
	0.615	0.615	0.727	
	0.272	0.311	0.039	
2	14	28	3	45
	19.879	22.718	2.403	
	1.738	1.228	0.148	
	0.311	0.622	0.067	0.218
	0.154	0.269	0.273	
	0.068	0.136	0.015	
3	21	12	0	33
	14.578	16.660	1.762	
	2.829	1.304	1.762	
	0.636	0.364	0.000	0.160
	0.231	0.115	0.000	
	0.102	0.058	0.000	
Column Total	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 9.21958      d.f. = 4      p = 0.05583933

		y		
x	1	2	3	
	1	56	64	8
	2	14	28	3
	3	21	12	0

Chi-square test between BFI..A. and Panas...1 :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
1	58	18	76
	58.660	17.340	
	0.007	0.025	
	0.763	0.237	0.369
	0.365	0.383	
2	0.282	0.087	
	97	26	123
	94.937	28.063	
	0.045	0.152	
	0.789	0.211	0.597
3	0.610	0.553	
	0.471	0.126	
	4	3	7
	5.403	1.597	
	0.364	1.232	
Column Total	0.571	0.429	0.034
	0.025	0.064	
	0.019	0.015	
	159	47	206
	0.772	0.228	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 1.825697      d.f. = 2      p = 0.4013792

y	
x	1 2
1	58 18
2	97 26
3	4 3

Chi-square test between PAQ and Panas...1 :

Cell Contents	
	-----
N	
Expected N	
Chi-square contribution	
N / Row Total	
N / Col Total	
N / Table Total	
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
1	93	35	128
	98.796	29.204	
	0.340	1.150	
	0.727	0.273	0.621
	0.585	0.745	
	0.451	0.170	
2	38	7	45
	34.733	10.267	
	0.307	1.040	
	0.844	0.156	0.218
	0.239	0.149	
	0.184	0.034	
3	28	5	33
	25.471	7.529	
	0.251	0.850	
	0.848	0.152	0.160
	0.176	0.106	
	0.136	0.024	
Column Total	159	47	206
	0.772	0.228	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 3.937957      d.f. = 2      p = 0.1395994

y	
x	1 2
1	93 35
2	38 7
3	28 5

Chi-square test between BFI..A. and CBCL :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	8	12	56	76
	10.330	20.660	45.010	
	0.526	3.630	2.684	
	0.105	0.158	0.737	0.369
	0.286	0.214	0.459	
	0.039	0.058	0.272	
2	19	38	66	123
	16.718	33.437	72.845	
	0.311	0.623	0.643	
	0.154	0.309	0.537	0.597
	0.679	0.679	0.541	
	0.092	0.184	0.320	
3	1	6	0	7
	0.951	1.903	4.146	
	0.002	8.821	4.146	
	0.143	0.857	0.000	0.034
	0.036	0.107	0.000	
	0.005	0.029	0.000	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 21.38588      d.f. = 4      p = 0.0002654838

y	
x	1 2 3
1	8 12 56
2	19 38 66
3	1 6 0

Chi-square test between PAQ and CBCL :

```
Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"
```

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	16	28	84	128
	17.398	34.796	75.806	
	0.112	1.327	0.886	
	0.125	0.219	0.656	0.621
	0.571	0.500	0.689	
	0.078	0.136	0.408	
2	9	21	15	45
	6.117	12.233	26.650	
	1.359	6.283	5.093	
	0.200	0.467	0.333	0.218
	0.321	0.375	0.123	
	0.044	0.102	0.073	
3	3	7	23	33
	4.485	8.971	19.544	
	0.492	0.433	0.611	
	0.091	0.212	0.697	0.160
	0.107	0.125	0.189	
	0.015	0.034	0.112	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 16.59711      d.f. = 4      p = 0.00231419

y	
x	1 2 3
1	16 28 84
2	9 21 15
3	3 7 23



Chi-square test between BFI..A. and PAQ :

```
Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"
```

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	59	6	11	76
	47.223	16.602	12.175	
	2.937	6.770	0.113	
	0.776	0.079	0.145	0.369
	0.461	0.133	0.333	
	0.286	0.029	0.053	
2	68	35	20	123
	76.427	26.869	19.704	
	0.929	2.461	0.004	
	0.553	0.285	0.163	0.597
	0.531	0.778	0.606	
	0.330	0.170	0.097	
3	1	4	2	7
	4.350	1.529	1.121	
	2.579	3.993	0.688	
	0.143	0.571	0.286	0.034
	0.008	0.089	0.061	
	0.005	0.019	0.010	
Column Total	128	45	33	206
	0.621	0.218	0.160	

Statistics for All Table Factors

Pearson's Chi-squared test

Chi^2 = 20.47542      d.f. = 4      p = 0.000402251

y	
x	1 2 3
1	59 6 11
2	68 35 20
3	1 4 2

Chi-square test between BFI..C. and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	34	33	6	73
	32.248	36.854	3.898	
	0.095	0.403	1.133	
	0.466	0.452	0.082	0.354
	0.374	0.317	0.545	
2	0.165	0.160	0.029	
	57	69	5	131
	57.869	66.136	6.995	
	0.013	0.124	0.569	
	0.435	0.527	0.038	0.636
3	0.626	0.663	0.455	
	0.277	0.335	0.024	
	0	2	0	2
	0.883	1.010	0.107	
	0.883	0.971	0.107	
Column Total	0.000	1.000	0.000	0.010
	0.000	0.019	0.000	
	0.000	0.010	0.000	
	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 4.299432      d.f. = 4      p = 0.3669962

	y		
x	1	2	3
1	34	33	6
2	57	69	5
3	0	2	0

Chi-square test between PAQ and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	56	64	8	128
	56.544	64.621	6.835	
	0.005	0.006	0.199	
	0.438	0.500	0.062	0.621
	0.615	0.615	0.727	
2	0.272	0.311	0.039	
	14	28	3	45
	19.879	22.718	2.403	
	1.738	1.228	0.148	
	0.311	0.622	0.067	0.218
3	0.154	0.269	0.273	
	0.068	0.136	0.015	
	21	12	0	33
	14.578	16.660	1.762	
	2.829	1.304	1.762	
Column Total	0.636	0.364	0.000	0.160
	0.231	0.115	0.000	
	0.102	0.058	0.000	
	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 9.21958      d.f. = 4      p = 0.05583933

		y	
x	1	2	3
1	56	64	8
2	14	28	3
3	21	12	0

Chi-square test between BFI..C. and Panas...1 :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
1	59	14	73
	56.345	16.655	
	0.125	0.423	
	0.808	0.192	0.354
	0.371	0.298	
	0.286	0.068	
2	99	32	131
	101.112	29.888	
	0.044	0.149	
	0.756	0.244	0.636
	0.623	0.681	
	0.481	0.155	
3	1	1	2
	1.544	0.456	
	0.191	0.648	
	0.500	0.500	0.010
	0.006	0.021	
	0.005	0.005	
Column Total	159	47	206
	0.772	0.228	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 1.581054      d.f. = 2      p = 0.4536056

```

      y
x     1  2
1  59 14
2  99 32
3   1  1
```



Chi-square test between PAQ and Panas...1 :

Cell Contents	
	-----
N	
Expected N	
Chi-square contribution	
N / Row Total	
N / Col Total	
N / Table Total	
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
1	93	35	128
	98.796	29.204	
	0.340	1.150	
	0.727	0.273	0.621
	0.585	0.745	
	0.451	0.170	
2	38	7	45
	34.733	10.267	
	0.307	1.040	
	0.844	0.156	0.218
	0.239	0.149	
	0.184	0.034	
3	28	5	33
	25.471	7.529	
	0.251	0.850	
	0.848	0.152	0.160
	0.176	0.106	
	0.136	0.024	
Column Total	159	47	206
	0.772	0.228	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 3.937957      d.f. = 2      p = 0.1395994

y	
x	1 2
1	93 35
2	38 7
3	28 5

Chi-square test between BFI..C. and CBCL :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	7	12	54	73
	9.922	19.845	43.233	
	0.861	3.101	2.681	
	0.096	0.164	0.740	0.354
	0.250	0.214	0.443	
	0.034	0.058	0.262	
2	21	42	68	131
	17.806	35.612	77.583	
	0.573	1.146	1.184	
	0.160	0.321	0.519	0.636
	0.750	0.750	0.557	
	0.102	0.204	0.330	
3	0	2	0	2
	0.272	0.544	1.184	
	0.272	3.901	1.184	
	0.000	1.000	0.000	0.010
	0.000	0.036	0.000	
	0.000	0.010	0.000	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

Chi^2 = 14.9029      d.f. = 4      p = 0.004906907

		y		
x		1	2	3
1		7	12	54
2		21	42	68
3		0	2	0

Chi-square test between PAQ and CBCL :

```
Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"
```

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	16	28	84	128
	17.398	34.796	75.806	
	0.112	1.327	0.886	
	0.125	0.219	0.656	0.621
	0.571	0.500	0.689	
	0.078	0.136	0.408	
2	9	21	15	45
	6.117	12.233	26.650	
	1.359	6.283	5.093	
	0.200	0.467	0.333	0.218
	0.321	0.375	0.123	
	0.044	0.102	0.073	
3	3	7	23	33
	4.485	8.971	19.544	
	0.492	0.433	0.611	
	0.091	0.212	0.697	0.160
	0.107	0.125	0.189	
	0.015	0.034	0.112	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 16.59711      d.f. = 4      p = 0.00231419

y	
x	1 2 3
1	16 28 84
2	9 21 15
3	3 7 23

Chi-square test between BFI..C. and PAQ :

```
Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"
```

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	50	11	12	73
	45.359	15.947	11.694	
	0.475	1.534	0.008	
	0.685	0.151	0.164	0.354
	0.391	0.244	0.364	
	0.243	0.053	0.058	
2	76	34	21	131
	81.398	28.617	20.985	
	0.358	1.013	0.000	
	0.580	0.260	0.160	0.636
	0.594	0.756	0.636	
	0.369	0.165	0.102	
3	2	0	0	2
	1.243	0.437	0.320	
	0.461	0.437	0.320	
	1.000	0.000	0.000	0.010
	0.016	0.000	0.000	
	0.010	0.000	0.000	
Column Total	128	45	33	206
	0.621	0.218	0.160	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 4.606744      d.f. = 4      p = 0.3300774

y	
x	1 2 3
1	50 11 12
2	76 34 21
3	2 0 0

Chi-square test between BFI..N. and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"



Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	3	8	0	11
	4.859	5.553	0.587	
	0.711	1.078	0.587	
	0.273	0.727	0.000	0.053
	0.033	0.077	0.000	
	0.015	0.039	0.000	
2	60	73	6	139
	61.403	70.175	7.422	
	0.032	0.114	0.273	
	0.432	0.525	0.043	0.675
	0.659	0.702	0.545	
	0.291	0.354	0.029	
3	28	23	5	56
	24.738	28.272	2.990	
	0.430	0.983	1.351	
	0.500	0.411	0.089	0.272
	0.308	0.221	0.455	
	0.136	0.112	0.024	
Column Total	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 5.558873      d.f. = 4      p = 0.2346028

y	
x	1 2 3
1	3 8 0
2	60 73 6
3	28 23 5

Chi-square test between PAQ and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	56	64	8	128
	56.544	64.621	6.835	
	0.005	0.006	0.199	
	0.438	0.500	0.062	0.621
	0.615	0.615	0.727	
	0.272	0.311	0.039	
2	14	28	3	45
	19.879	22.718	2.403	
	1.738	1.228	0.148	
	0.311	0.622	0.067	0.218
	0.154	0.269	0.273	
	0.068	0.136	0.015	
3	21	12	0	33
	14.578	16.660	1.762	
	2.829	1.304	1.762	
	0.636	0.364	0.000	0.160
	0.231	0.115	0.000	
	0.102	0.058	0.000	
Column Total	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

Chi^2 = 9.21958      d.f. = 4      p = 0.05583933

		y	
x	1	2	3
1	56	64	8
2	14	28	3
3	21	12	0

Chi-square test between BFI..N. and Panas...1 :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
1	9	2	11
	8.490	2.510	
	0.031	0.104	
	0.818	0.182	0.053
	0.057	0.043	
	0.044	0.010	
2	107	32	139
	107.286	31.714	
	0.001	0.003	
	0.770	0.230	0.675
	0.673	0.681	
	0.519	0.155	
3	43	13	56
	43.223	12.777	
	0.001	0.004	
	0.768	0.232	0.272
	0.270	0.277	
	0.209	0.063	
Column Total	159	47	206
	0.772	0.228	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 0.1425266      d.f. = 2      p = 0.9312167

y		
x	1	2
1	9	2
2	107	32
3	43	13

Chi-square test between PAQ and Panas...1 :

Cell Contents	
	-----
N	
Expected N	
Chi-square contribution	
N / Row Total	
N / Col Total	
N / Table Total	
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
1	93	35	128
	98.796	29.204	
	0.340	1.150	
	0.727	0.273	0.621
	0.585	0.745	
	0.451	0.170	
2	38	7	45
	34.733	10.267	
	0.307	1.040	
	0.844	0.156	0.218
	0.239	0.149	
	0.184	0.034	
3	28	5	33
	25.471	7.529	
	0.251	0.850	
	0.848	0.152	0.160
	0.176	0.106	
	0.136	0.024	
Column Total	159	47	206
	0.772	0.228	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 3.937957      d.f. = 2      p = 0.1395994

y	
x	1 2
1	93 35
2	38 7
3	28 5

Chi-square test between BFI..N. and CBCL :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	1	6	4	11
	1.495	2.990	6.515	
	0.164	3.029	0.971	
	0.091	0.545	0.364	0.053
	0.036	0.107	0.033	
	0.005	0.029	0.019	
2	23	38	78	139
	18.893	37.786	82.320	
	0.893	0.001	0.227	
	0.165	0.273	0.561	0.675
	0.821	0.679	0.639	
	0.112	0.184	0.379	
3	4	12	40	56
	7.612	15.223	33.165	
	1.714	0.682	1.409	
	0.071	0.214	0.714	0.272
	0.143	0.214	0.328	
	0.019	0.058	0.194	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 9.089255      d.f. = 4      p = 0.05890685

		y		
x	1	2	3	
	1	1	6	4
	2	23	38	78
	3	4	12	40



Chi-square test between PAQ and CBCL :

```
Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"
```

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	16	28	84	128
	17.398	34.796	75.806	
	0.112	1.327	0.886	
	0.125	0.219	0.656	0.621
	0.571	0.500	0.689	
	0.078	0.136	0.408	
2	9	21	15	45
	6.117	12.233	26.650	
	1.359	6.283	5.093	
	0.200	0.467	0.333	0.218
	0.321	0.375	0.123	
	0.044	0.102	0.073	
3	3	7	23	33
	4.485	8.971	19.544	
	0.492	0.433	0.611	
	0.091	0.212	0.697	0.160
	0.107	0.125	0.189	
	0.015	0.034	0.112	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 16.59711      d.f. = 4      p = 0.00231419

y	
x	1 2 3
1	16 28 84
2	9 21 15
3	3 7 23

Chi-square test between BFI..N. and PAQ :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	8	3	0	11
	6.835	2.403	1.762	
	0.199	0.148	1.762	
	0.727	0.273	0.000	0.053
	0.062	0.067	0.000	
2	0.039	0.015	0.000	
	85	36	18	139
	86.369	30.364	22.267	
	0.022	1.046	0.818	
	0.612	0.259	0.129	0.675
3	0.664	0.800	0.545	
	0.413	0.175	0.087	
	35	6	15	56
	34.796	12.233	8.971	
	0.001	3.176	4.052	
Column Total	0.625	0.107	0.268	0.272
	0.273	0.133	0.455	
	0.170	0.029	0.073	
Column Total	128	45	33	206
	0.621	0.218	0.160	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 11.22366      d.f. = 4      p = 0.0241621

y	
x	1 2 3
1	8 3 0
2	85 36 18
3	35 6 15

Chi-square test between BFI..0. and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	9	8	0	17
	7.510	8.583	0.908	
	0.296	0.040	0.908	
	0.529	0.471	0.000	0.083
	0.099	0.077	0.000	
	0.044	0.039	0.000	
2	82	84	10	176
	77.748	88.854	9.398	
	0.233	0.265	0.039	
	0.466	0.477	0.057	0.854
	0.901	0.808	0.909	
	0.398	0.408	0.049	
3	0	12	1	13
	5.743	6.563	0.694	
	5.743	4.504	0.135	
	0.000	0.923	0.077	0.063
	0.000	0.115	0.091	
	0.000	0.058	0.005	
Column Total	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 12.16079      d.f. = 4      p = 0.0161948

		y		
x		1	2	3
1		9	8	0
2		82	84	10
3		0	12	1

Chi-square test between PAQ and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	56	64	8	128
	56.544	64.621	6.835	
	0.005	0.006	0.199	
	0.438	0.500	0.062	0.621
	0.615	0.615	0.727	
	0.272	0.311	0.039	
2	14	28	3	45
	19.879	22.718	2.403	
	1.738	1.228	0.148	
	0.311	0.622	0.067	0.218
	0.154	0.269	0.273	
	0.068	0.136	0.015	
3	21	12	0	33
	14.578	16.660	1.762	
	2.829	1.304	1.762	
	0.636	0.364	0.000	0.160
	0.231	0.115	0.000	
	0.102	0.058	0.000	
Column Total	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 9.21958      d.f. = 4      p = 0.05583933

		y	
x	1	2	3
1	56	64	8
2	14	28	3
3	21	12	0



Chi-square test between BFI..0. and Panas...1 :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
1	12	5	17
	13.121	3.879	
	0.096	0.324	
	0.706	0.294	0.083
	0.075	0.106	
	0.058	0.024	
2	137	39	176
	135.845	40.155	
	0.010	0.033	
	0.778	0.222	0.854
	0.862	0.830	
	0.665	0.189	
3	10	3	13
	10.034	2.966	
	0.000	0.000	
	0.769	0.231	0.063
	0.063	0.064	
	0.049	0.015	
Column Total	159	47	206
	0.772	0.228	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 0.4636013      d.f. = 2      p = 0.7931042

y		
x	1	2
1	12	5
2	137	39
3	10	3

Chi-square test between PAQ and Panas...1 :

Cell Contents	
	-----
N	
Expected N	
Chi-square contribution	
N / Row Total	
N / Col Total	
N / Table Total	
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
1	93	35	128
	98.796	29.204	
	0.340	1.150	
	0.727	0.273	0.621
	0.585	0.745	
	0.451	0.170	
2	38	7	45
	34.733	10.267	
	0.307	1.040	
	0.844	0.156	0.218
	0.239	0.149	
	0.184	0.034	
3	28	5	33
	25.471	7.529	
	0.251	0.850	
	0.848	0.152	0.160
	0.176	0.106	
	0.136	0.024	
Column Total	159	47	206
	0.772	0.228	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 3.937957      d.f. = 2      p = 0.1395994

y	
x	1 2
1	93 35
2	38 7
3	28 5

Chi-square test between BFI..0. and CBCL :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	2	3	12	17
	2.311	4.621	10.068	
	0.042	0.569	0.371	
	0.118	0.176	0.706	0.083
	0.071	0.054	0.098	
	0.010	0.015	0.058	
2	24	44	108	176
	23.922	47.845	104.233	
	0.000	0.309	0.136	
	0.136	0.250	0.614	0.854
	0.857	0.786	0.885	
	0.117	0.214	0.524	
3	2	9	2	13
	1.767	3.534	7.699	
	0.031	8.454	4.219	
	0.154	0.692	0.154	0.063
	0.071	0.161	0.016	
	0.010	0.044	0.010	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 14.13032      d.f. = 4      p = 0.006890544

y			
x	1	2	3
1	2	3	12
2	24	44	108
3	2	9	2

Chi-square test between PAQ and CBCL :

```
Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"
```

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	16	28	84	128
	17.398	34.796	75.806	
	0.112	1.327	0.886	
	0.125	0.219	0.656	0.621
	0.571	0.500	0.689	
	0.078	0.136	0.408	
2	9	21	15	45
	6.117	12.233	26.650	
	1.359	6.283	5.093	
	0.200	0.467	0.333	0.218
	0.321	0.375	0.123	
	0.044	0.102	0.073	
3	3	7	23	33
	4.485	8.971	19.544	
	0.492	0.433	0.611	
	0.091	0.212	0.697	0.160
	0.107	0.125	0.189	
	0.015	0.034	0.112	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 16.59711      d.f. = 4      p = 0.00231419

y	
x	1 2 3
1	16 28 84
2	9 21 15
3	3 7 23

Chi-square test between BFI..0. and PAQ :

```
Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"
```



Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	13	2	2	17
	10.563	3.714	2.723	
	0.562	0.791	0.192	
	0.765	0.118	0.118	0.083
	0.102	0.044	0.061	
	0.063	0.010	0.010	
2	109	36	31	176
	109.359	38.447	28.194	
	0.001	0.156	0.279	
	0.619	0.205	0.176	0.854
	0.852	0.800	0.939	
	0.529	0.175	0.150	
3	6	7	0	13
	8.078	2.840	2.083	
	0.534	6.095	2.083	
	0.462	0.538	0.000	0.063
	0.047	0.156	0.000	
	0.029	0.034	0.000	
Column Total	128	45	33	206
	0.621	0.218	0.160	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 10.69255      d.f. = 4      p = 0.03024559

y			
x	1	2	3
1	13	2	2
2	109	36	31
3	6	7	0

Chi-square test between EI..Self.A. and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
46	0	1	0	1
	0.442	0.505	0.053	
	0.442	0.486	0.053	
	0.000	1.000	0.000	0.005
	0.000	0.010	0.000	
	0.000	0.005	0.000	
58	2	2	0	4
	1.767	2.019	0.214	
	0.031	0.000	0.214	
	0.500	0.500	0.000	0.019
	0.022	0.019	0.000	
	0.010	0.010	0.000	
61	2	0	0	2
	0.883	1.010	0.107	
	1.411	1.010	0.107	
	1.000	0.000	0.000	0.010
	0.022	0.000	0.000	
	0.010	0.000	0.000	
64	0	3	0	3
	1.325	1.515	0.160	
	1.325	1.457	0.160	
	0.000	1.000	0.000	0.015
	0.000	0.029	0.000	
	0.000	0.015	0.000	
67	3	4	0	7
	3.092	3.534	0.374	
	0.003	0.061	0.374	
	0.429	0.571	0.000	0.034
	0.033	0.038	0.000	
	0.015	0.019	0.000	
70	4	3	0	7
	3.092	3.534	0.374	
	0.266	0.081	0.374	
	0.571	0.429	0.000	0.034
	0.044	0.029	0.000	
	0.019	0.015	0.000	

72	7	3	0	10
	4.417	5.049	0.534	
	1.510	0.831	0.534	
	0.700	0.300	0.000	0.049
	0.077	0.029	0.000	
	0.034	0.015	0.000	
73	3	13	4	20
	8.835	10.097	1.068	
	3.854	0.835	8.050	
	0.150	0.650	0.200	0.097
	0.033	0.125	0.364	
	0.015	0.063	0.019	
74	9	8	2	19
	8.393	9.592	1.015	
	0.044	0.264	0.957	
	0.474	0.421	0.105	0.092
	0.099	0.077	0.182	
	0.044	0.039	0.010	
76	11	6	0	17
	7.510	8.583	0.908	
	1.622	0.777	0.908	
	0.647	0.353	0.000	0.083
	0.121	0.058	0.000	
	0.053	0.029	0.000	
77	7	12	1	20
	8.835	10.097	1.068	
	0.381	0.359	0.004	
	0.350	0.600	0.050	0.097
	0.077	0.115	0.091	
	0.034	0.058	0.005	
79	7	10	2	19
	8.393	9.592	1.015	
	0.231	0.017	0.957	
	0.368	0.526	0.105	0.092
	0.077	0.096	0.182	
	0.034	0.049	0.010	
82	12	9	0	21
	9.277	10.602	1.121	
	0.799	0.242	1.121	
	0.571	0.429	0.000	0.102
	0.132	0.087	0.000	
	0.058	0.044	0.000	
83	4	6	0	10
	4.417	5.049	0.534	
	0.039	0.179	0.534	
	0.400	0.600	0.000	0.049
	0.044	0.058	0.000	
	0.019	0.029	0.000	
85	5	11	0	16
	7.068	8.078	0.854	
	0.605	1.057	0.854	
	0.312	0.688	0.000	0.078

	0.055	0.106	0.000	
	0.024	0.053	0.000	
-----	-----	-----	-----	-----
86	3	7	0	10
	4.417	5.049	0.534	
	0.455	0.754	0.534	
	0.300	0.700	0.000	0.049
	0.033	0.067	0.000	
	0.015	0.034	0.000	
-----	-----	-----	-----	-----
89	4	2	2	8
	3.534	4.039	0.427	
	0.061	1.029	5.791	
	0.500	0.250	0.250	0.039
	0.044	0.019	0.182	
	0.019	0.010	0.010	
-----	-----	-----	-----	-----
90	2	3	0	5
	2.209	2.524	0.267	
	0.020	0.090	0.267	
	0.400	0.600	0.000	0.024
	0.022	0.029	0.000	
	0.010	0.015	0.000	
-----	-----	-----	-----	-----
92	3	1	0	4
	1.767	2.019	0.214	
	0.860	0.515	0.214	
	0.750	0.250	0.000	0.019
	0.033	0.010	0.000	
	0.015	0.005	0.000	
-----	-----	-----	-----	-----
94	1	0	0	1
	0.442	0.505	0.053	
	0.705	0.505	0.053	
	1.000	0.000	0.000	0.005
	0.011	0.000	0.000	
	0.005	0.000	0.000	
-----	-----	-----	-----	-----
96	1	0	0	1
	0.442	0.505	0.053	
	0.705	0.505	0.053	
	1.000	0.000	0.000	0.005
	0.011	0.000	0.000	
	0.005	0.000	0.000	
-----	-----	-----	-----	-----
98	1	0	0	1
	0.442	0.505	0.053	
	0.705	0.505	0.053	
	1.000	0.000	0.000	0.005
	0.011	0.000	0.000	
	0.005	0.000	0.000	
-----	-----	-----	-----	-----
Column Total	91	104	11	206
	0.442	0.505	0.053	
-----	-----	-----	-----	-----

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 49.80224      d.f. = 42      p = 0.1906767

		y		
x		1	2	3
46	0	1	0	
58	2	2	0	
61	2	0	0	
64	0	3	0	
67	3	4	0	
70	4	3	0	
72	7	3	0	
73	3	13	4	
74	9	8	2	
76	11	6	0	
77	7	12	1	
79	7	10	2	
82	12	9	0	
83	4	6	0	
85	5	11	0	
86	3	7	0	
89	4	2	2	
90	2	3	0	
92	3	1	0	
94	1	0	0	
96	1	0	0	
98	1	0	0	

Chi-square test between PAQ and Panas.. :

Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	56	64	8	128
	56.544	64.621	6.835	
	0.005	0.006	0.199	
	0.438	0.500	0.062	0.621
	0.615	0.615	0.727	
	0.272	0.311	0.039	
2	14	28	3	45
	19.879	22.718	2.403	
	1.738	1.228	0.148	
	0.311	0.622	0.067	0.218
	0.154	0.269	0.273	
	0.068	0.136	0.015	
3	21	12	0	33
	14.578	16.660	1.762	
	2.829	1.304	1.762	
	0.636	0.364	0.000	0.160
	0.231	0.115	0.000	
	0.102	0.058	0.000	
Column Total	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 9.21958      d.f. = 4      p = 0.05583933

		y	
x	1	2	3
1	56	64	8
2	14	28	3
3	21	12	0

Chi-square test between EI..Self.A. and Panas...1 :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"



Cell Contents	
-----	
N	
Expected N	
Chi-square contribution	
N / Row Total	
N / Col Total	
N / Table Total	
-----	

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
-----	-----	-----	-----
46	0	1	1
	0.772	0.228	
	0.772	2.611	
	0.000	1.000	0.005
	0.000	0.021	
	0.000	0.005	
-----	-----	-----	-----
58	3	1	4
	3.087	0.913	
	0.002	0.008	
	0.750	0.250	0.019
	0.019	0.021	
	0.015	0.005	
-----	-----	-----	-----
61	2	0	2
	1.544	0.456	
	0.135	0.456	
	1.000	0.000	0.010
	0.013	0.000	
	0.010	0.000	
-----	-----	-----	-----
64	3	0	3
	2.316	0.684	
	0.202	0.684	
	1.000	0.000	0.015
	0.019	0.000	
	0.015	0.000	
-----	-----	-----	-----
67	6	1	7
	5.403	1.597	
	0.066	0.223	
	0.857	0.143	0.034
	0.038	0.021	
	0.029	0.005	
-----	-----	-----	-----
70	3	4	7
	5.403	1.597	
	1.069	3.615	
	0.429	0.571	0.034
	0.019	0.085	
	0.015	0.019	
-----	-----	-----	-----

72	9	1	10
	7.718	2.282	
	0.213	0.720	
	0.900	0.100	0.049
	0.057	0.021	
	0.044	0.005	
73	19	1	20
	15.437	4.563	
	0.822	2.782	
	0.950	0.050	0.097
	0.119	0.021	
	0.092	0.005	
74	17	2	19
	14.665	4.335	
	0.372	1.258	
	0.895	0.105	0.092
	0.107	0.043	
	0.083	0.010	
76	10	7	17
	13.121	3.879	
	0.743	2.512	
	0.588	0.412	0.083
	0.063	0.149	
	0.049	0.034	
77	17	3	20
	15.437	4.563	
	0.158	0.535	
	0.850	0.150	0.097
	0.107	0.064	
	0.083	0.015	
79	13	6	19
	14.665	4.335	
	0.189	0.640	
	0.684	0.316	0.092
	0.082	0.128	
	0.063	0.029	
82	17	4	21
	16.209	4.791	
	0.039	0.131	
	0.810	0.190	0.102
	0.107	0.085	
	0.083	0.019	
83	9	1	10
	7.718	2.282	
	0.213	0.720	
	0.900	0.100	0.049
	0.057	0.021	
	0.044	0.005	
85	8	8	16
	12.350	3.650	
	1.532	5.182	
	0.500	0.500	0.078

	0.050	0.170	
	0.039	0.039	
-----	-----	-----	-----
86	8	2	10
	7.718	2.282	
	0.010	0.035	
	0.800	0.200	0.049
	0.050	0.043	
	0.039	0.010	
-----	-----	-----	-----
89	6	2	8
	6.175	1.825	
	0.005	0.017	
	0.750	0.250	0.039
	0.038	0.043	
	0.029	0.010	
-----	-----	-----	-----
90	4	1	5
	3.859	1.141	
	0.005	0.017	
	0.800	0.200	0.024
	0.025	0.021	
	0.019	0.005	
-----	-----	-----	-----
92	2	2	4
	3.087	0.913	
	0.383	1.296	
	0.500	0.500	0.019
	0.013	0.043	
	0.010	0.010	
-----	-----	-----	-----
94	1	0	1
	0.772	0.228	
	0.067	0.228	
	1.000	0.000	0.005
	0.006	0.000	
	0.005	0.000	
-----	-----	-----	-----
96	1	0	1
	0.772	0.228	
	0.067	0.228	
	1.000	0.000	0.005
	0.006	0.000	
	0.005	0.000	
-----	-----	-----	-----
98	1	0	1
	0.772	0.228	
	0.067	0.228	
	1.000	0.000	0.005
	0.006	0.000	
	0.005	0.000	
-----	-----	-----	-----
Column Total	159	47	206
	0.772	0.228	
-----	-----	-----	-----

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 31.25938      d.f. = 21      p = 0.06944827

	y	
x	1	2
46	0	1
58	3	1
61	2	0
64	3	0
67	6	1
70	3	4
72	9	1
73	19	1
74	17	2
76	10	7
77	17	3
79	13	6
82	17	4
83	9	1
85	8	8
86	8	2
89	6	2
90	4	1
92	2	2
94	1	0
96	1	0
98	1	0

Chi-square test between PAQ and Panas...1 :

Cell Contents	
-----	
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
-----	

Total Observations in Table: 206

	data[[variable2]]		
data[[variable1]]	1	2	Row Total
-----	-----	-----	-----
1	93	35	128
	98.796	29.204	
	0.340	1.150	
	0.727	0.273	0.621
	0.585	0.745	
	0.451	0.170	
-----	-----	-----	-----
2	38	7	45

		34.733	10.267	
		0.307	1.040	
		0.844	0.156	0.218
		0.239	0.149	
		0.184	0.034	
-----				
	3	28	5	33
		25.471	7.529	
		0.251	0.850	
		0.848	0.152	0.160
		0.176	0.106	
		0.136	0.024	
-----				
	Column Total	159	47	206
		0.772	0.228	
-----				

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 3.937957      d.f. = 2      p = 0.1395994

```

      y
x     1  2
1  93  35
2  38   7
3  28   5
```

Chi-square test between EI..Self.A. and CBCL :

Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"

Cell Contents	
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
46	0	1	0	1
	0.136	0.272	0.592	
	0.136	1.950	0.592	
	0.000	1.000	0.000	0.005
	0.000	0.018	0.000	
	0.000	0.005	0.000	
58	2	0	2	4
	0.544	1.087	2.369	
	3.901	1.087	0.057	
	0.500	0.000	0.500	0.019
	0.071	0.000	0.016	
	0.010	0.000	0.010	
61	0	0	2	2
	0.272	0.544	1.184	
	0.272	0.544	0.562	
	0.000	0.000	1.000	0.010
	0.000	0.000	0.016	
	0.000	0.000	0.010	
64	0	0	3	3
	0.408	0.816	1.777	
	0.408	0.816	0.842	
	0.000	0.000	1.000	0.015
	0.000	0.000	0.025	
	0.000	0.000	0.015	
67	2	4	1	7
	0.951	1.903	4.146	
	1.156	2.311	2.387	
	0.286	0.571	0.143	0.034
	0.071	0.071	0.008	
	0.010	0.019	0.005	
70	1	2	4	7
	0.951	1.903	4.146	
	0.002	0.005	0.005	
	0.143	0.286	0.571	0.034
	0.036	0.036	0.033	
	0.005	0.010	0.019	

72	3	3	4	10
	1.359	2.718	5.922	
	1.981	0.029	0.624	
	0.300	0.300	0.400	0.049
	0.107	0.054	0.033	
	0.015	0.015	0.019	
73	6	5	9	20
	2.718	5.437	11.845	
	3.961	0.035	0.683	
	0.300	0.250	0.450	0.097
	0.214	0.089	0.074	
	0.029	0.024	0.044	
74	1	3	15	19
	2.583	5.165	11.252	
	0.970	0.908	1.248	
	0.053	0.158	0.789	0.092
	0.036	0.054	0.123	
	0.005	0.015	0.073	
76	0	5	12	17
	2.311	4.621	10.068	
	2.311	0.031	0.371	
	0.000	0.294	0.706	0.083
	0.000	0.089	0.098	
	0.000	0.024	0.058	
77	2	5	13	20
	2.718	5.437	11.845	
	0.190	0.035	0.113	
	0.100	0.250	0.650	0.097
	0.071	0.089	0.107	
	0.010	0.024	0.063	
79	0	9	10	19
	2.583	5.165	11.252	
	2.583	2.847	0.139	
	0.000	0.474	0.526	0.092
	0.000	0.161	0.082	
	0.000	0.044	0.049	
82	0	4	17	21
	2.854	5.709	12.437	
	2.854	0.511	1.674	
	0.000	0.190	0.810	0.102
	0.000	0.071	0.139	
	0.000	0.019	0.083	
83	2	2	6	10
	1.359	2.718	5.922	
	0.302	0.190	0.001	
	0.200	0.200	0.600	0.049
	0.071	0.036	0.049	
	0.010	0.010	0.029	
85	3	7	6	16
	2.175	4.350	9.476	
	0.313	1.615	1.275	
	0.188	0.438	0.375	0.078

	0.107	0.125	0.049	
	0.015	0.034	0.029	
86	3	1	6	10
	1.359	2.718	5.922	
	1.981	1.086	0.001	
	0.300	0.100	0.600	0.049
	0.107	0.018	0.049	
	0.015	0.005	0.029	
89	3	1	4	8
	1.087	2.175	4.738	
	3.364	0.635	0.115	
	0.375	0.125	0.500	0.039
	0.107	0.018	0.033	
	0.015	0.005	0.019	
90	0	3	2	5
	0.680	1.359	2.961	
	0.680	1.981	0.312	
	0.000	0.600	0.400	0.024
	0.000	0.054	0.016	
	0.000	0.015	0.010	
92	0	0	4	4
	0.544	1.087	2.369	
	0.544	1.087	1.123	
	0.000	0.000	1.000	0.019
	0.000	0.000	0.033	
	0.000	0.000	0.019	
94	0	0	1	1
	0.136	0.272	0.592	
	0.136	0.272	0.281	
	0.000	0.000	1.000	0.005
	0.000	0.000	0.008	
	0.000	0.000	0.005	
96	0	0	1	1
	0.136	0.272	0.592	
	0.136	0.272	0.281	
	0.000	0.000	1.000	0.005
	0.000	0.000	0.008	
	0.000	0.000	0.005	
98	0	1	0	1
	0.136	0.272	0.592	
	0.136	1.950	0.592	
	0.000	1.000	0.000	0.005
	0.000	0.018	0.000	
	0.000	0.005	0.000	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors



Pearson's Chi-squared test

-----

Chi^2 = 61.79088      d.f. = 42      p = 0.02493026

		y		
x		1	2	3
46	0	1	0	0
58	2	0	2	
61	0	0	2	
64	0	0	3	
67	2	4	1	
70	1	2	4	
72	3	3	4	
73	6	5	9	
74	1	3	15	
76	0	5	12	
77	2	5	13	
79	0	9	10	
82	0	4	17	
83	2	2	6	
85	3	7	6	
86	3	1	6	
89	3	1	4	
90	0	3	2	
92	0	0	4	
94	0	0	1	
96	0	0	1	
98	0	1	0	

Chi-square test between PAQ and CBCL :

Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	16	28	84	128
	17.398	34.796	75.806	
	0.112	1.327	0.886	
	0.125	0.219	0.656	0.621
	0.571	0.500	0.689	
	0.078	0.136	0.408	
2	9	21	15	45
	6.117	12.233	26.650	
	1.359	6.283	5.093	
	0.200	0.467	0.333	0.218
	0.321	0.375	0.123	
	0.044	0.102	0.073	
3	3	7	23	33
	4.485	8.971	19.544	
	0.492	0.433	0.611	
	0.091	0.212	0.697	0.160
	0.107	0.125	0.189	
	0.015	0.034	0.112	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 16.59711      d.f. = 4      p = 0.00231419

y	
x	1 2 3
1	16 28 84
2	9 21 15
3	3 7 23

Chi-square test between EI..Self.A. and PAQ :

```
Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"
```

Cell Contents	
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
46	0	0	1	1
	0.621	0.218	0.160	
	0.621	0.218	4.403	
	0.000	0.000	1.000	0.005
	0.000	0.000	0.030	
	0.000	0.000	0.005	
58	1	0	3	4
	2.485	0.874	0.641	
	0.888	0.874	8.686	
	0.250	0.000	0.750	0.019
	0.008	0.000	0.091	
	0.005	0.000	0.015	
61	0	1	1	2
	1.243	0.437	0.320	
	1.243	0.726	1.442	
	0.000	0.500	0.500	0.010
	0.000	0.022	0.030	
	0.000	0.005	0.005	
64	2	1	0	3
	1.864	0.655	0.481	
	0.010	0.181	0.481	
	0.667	0.333	0.000	0.015
	0.016	0.022	0.000	
	0.010	0.005	0.000	
67	4	3	0	7
	4.350	1.529	1.121	
	0.028	1.415	1.121	
	0.571	0.429	0.000	0.034
	0.031	0.067	0.000	
	0.019	0.015	0.000	
70	5	2	0	7
	4.350	1.529	1.121	
	0.097	0.145	1.121	
	0.714	0.286	0.000	0.034
	0.039	0.044	0.000	
	0.024	0.010	0.000	

72	6	3	1	10
	6.214	2.184	1.602	
	0.007	0.304	0.226	
	0.600	0.300	0.100	0.049
	0.047	0.067	0.030	
	0.029	0.015	0.005	
73	12	4	4	20
	12.427	4.369	3.204	
	0.015	0.031	0.198	
	0.600	0.200	0.200	0.097
	0.094	0.089	0.121	
	0.058	0.019	0.019	
74	13	3	3	19
	11.806	4.150	3.044	
	0.121	0.319	0.001	
	0.684	0.158	0.158	0.092
	0.102	0.067	0.091	
	0.063	0.015	0.015	
76	12	2	3	17
	10.563	3.714	2.723	
	0.195	0.791	0.028	
	0.706	0.118	0.176	0.083
	0.094	0.044	0.091	
	0.058	0.010	0.015	
77	13	5	2	20
	12.427	4.369	3.204	
	0.026	0.091	0.452	
	0.650	0.250	0.100	0.097
	0.102	0.111	0.061	
	0.063	0.024	0.010	
79	14	4	1	19
	11.806	4.150	3.044	
	0.408	0.005	1.372	
	0.737	0.211	0.053	0.092
	0.109	0.089	0.030	
	0.068	0.019	0.005	
82	12	4	5	21
	13.049	4.587	3.364	
	0.084	0.075	0.796	
	0.571	0.190	0.238	0.102
	0.094	0.089	0.152	
	0.058	0.019	0.024	
83	5	3	2	10
	6.214	2.184	1.602	
	0.237	0.304	0.099	
	0.500	0.300	0.200	0.049
	0.039	0.067	0.061	
	0.024	0.015	0.010	
85	9	5	2	16
	9.942	3.495	2.563	
	0.089	0.648	0.124	
	0.562	0.312	0.125	0.078

	0.070	0.111	0.061	
	0.044	0.024	0.010	
86	8	2	0	10
	6.214	2.184	1.602	
	0.514	0.016	1.602	
	0.800	0.200	0.000	0.049
	0.062	0.044	0.000	
	0.039	0.010	0.000	
89	7	0	1	8
	4.971	1.748	1.282	
	0.828	1.748	0.062	
	0.875	0.000	0.125	0.039
	0.055	0.000	0.030	
	0.034	0.000	0.005	
90	1	3	1	5
	3.107	1.092	0.801	
	1.429	3.332	0.049	
	0.200	0.600	0.200	0.024
	0.008	0.067	0.030	
	0.005	0.015	0.005	
92	4	0	0	4
	2.485	0.874	0.641	
	0.923	0.874	0.641	
	1.000	0.000	0.000	0.019
	0.031	0.000	0.000	
	0.019	0.000	0.000	
94	0	0	1	1
	0.621	0.218	0.160	
	0.621	0.218	4.403	
	0.000	0.000	1.000	0.005
	0.000	0.000	0.030	
	0.000	0.000	0.005	
96	0	0	1	1
	0.621	0.218	0.160	
	0.621	0.218	4.403	
	0.000	0.000	1.000	0.005
	0.000	0.000	0.030	
	0.000	0.000	0.005	
98	0	0	1	1
	0.621	0.218	0.160	
	0.621	0.218	4.403	
	0.000	0.000	1.000	0.005
	0.000	0.000	0.030	
	0.000	0.000	0.005	
Column Total	128	45	33	206
	0.621	0.218	0.160	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 58.49192      d.f. = 42      p = 0.04675552

		y		
x		1	2	3
46	0	0	1	
58	1	0	3	
61	0	1	1	
64	2	1	0	
67	4	3	0	
70	5	2	0	
72	6	3	1	
73	12	4	4	
74	13	3	3	
76	12	2	3	
77	13	5	2	
79	14	4	1	
82	12	4	5	
83	5	3	2	
85	9	5	2	
86	8	2	0	
89	7	0	1	
90	1	3	1	
92	4	0	0	
94	0	0	1	
96	0	0	1	
98	0	0	1	

Chi-square test between EI..Self.M. and Panas.. :

Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
36	0	1	0	1
	0.442	0.505	0.053	
	0.442	0.486	0.053	
	0.000	1.000	0.000	0.005
	0.000	0.010	0.000	
	0.000	0.005	0.000	
37	1	0	1	2
	0.883	1.010	0.107	
	0.015	1.010	7.470	
	0.500	0.000	0.500	0.010
	0.011	0.000	0.091	
	0.005	0.000	0.005	
39	1	0	0	1
	0.442	0.505	0.053	
	0.705	0.505	0.053	
	1.000	0.000	0.000	0.005
	0.011	0.000	0.000	
	0.005	0.000	0.000	
40	1	2	0	3
	1.325	1.515	0.160	
	0.080	0.156	0.160	
	0.333	0.667	0.000	0.015
	0.011	0.019	0.000	
	0.005	0.010	0.000	
45	1	4	0	5
	2.209	2.524	0.267	
	0.661	0.863	0.267	
	0.200	0.800	0.000	0.024
	0.011	0.038	0.000	
	0.005	0.019	0.000	
49	4	5	0	9
	3.976	4.544	0.481	
	0.000	0.046	0.481	
	0.444	0.556	0.000	0.044
	0.044	0.048	0.000	
	0.019	0.024	0.000	



52	5	5	0	10
	4.417	5.049	0.534	
	0.077	0.000	0.534	
	0.500	0.500	0.000	0.049
	0.055	0.048	0.000	
	0.024	0.024	0.000	
55	4	1	1	6
	2.650	3.029	0.320	
	0.687	1.359	1.442	
	0.667	0.167	0.167	0.029
	0.044	0.010	0.091	
	0.019	0.005	0.005	
58	5	3	0	8
	3.534	4.039	0.427	
	0.608	0.267	0.427	
	0.625	0.375	0.000	0.039
	0.055	0.029	0.000	
	0.024	0.015	0.000	
62	4	11	0	15
	6.626	7.573	0.801	
	1.041	1.551	0.801	
	0.267	0.733	0.000	0.073
	0.044	0.106	0.000	
	0.019	0.053	0.000	
65	4	8	0	12
	5.301	6.058	0.641	
	0.319	0.622	0.641	
	0.333	0.667	0.000	0.058
	0.044	0.077	0.000	
	0.019	0.039	0.000	
68	5	8	1	14
	6.184	7.068	0.748	
	0.227	0.123	0.085	
	0.357	0.571	0.071	0.068
	0.055	0.077	0.091	
	0.024	0.039	0.005	
71	7	4	0	11
	4.859	5.553	0.587	
	0.943	0.435	0.587	
	0.636	0.364	0.000	0.053
	0.077	0.038	0.000	
	0.034	0.019	0.000	
73	6	5	4	15
	6.626	7.573	0.801	
	0.059	0.874	12.777	
	0.400	0.333	0.267	0.073
	0.066	0.048	0.364	
	0.029	0.024	0.019	
74	5	4	0	9
	3.976	4.544	0.481	
	0.264	0.065	0.481	
	0.556	0.444	0.000	0.044

	0.055	0.038	0.000	
	0.024	0.019	0.000	
75	7	4	3	14
	6.184	7.068	0.748	
	0.108	1.332	6.787	
	0.500	0.286	0.214	0.068
	0.077	0.038	0.273	
	0.034	0.019	0.015	
76	6	7	0	13
	5.743	6.563	0.694	
	0.012	0.029	0.694	
	0.462	0.538	0.000	0.063
	0.066	0.067	0.000	
	0.029	0.034	0.000	
78	4	6	0	10
	4.417	5.049	0.534	
	0.039	0.179	0.534	
	0.400	0.600	0.000	0.049
	0.044	0.058	0.000	
	0.019	0.029	0.000	
80	5	8	0	13
	5.743	6.563	0.694	
	0.096	0.315	0.694	
	0.385	0.615	0.000	0.063
	0.055	0.077	0.000	
	0.024	0.039	0.000	
82	2	3	0	5
	2.209	2.524	0.267	
	0.020	0.090	0.267	
	0.400	0.600	0.000	0.024
	0.022	0.029	0.000	
	0.010	0.015	0.000	
85	3	8	1	12
	5.301	6.058	0.641	
	0.999	0.622	0.201	
	0.250	0.667	0.083	0.058
	0.033	0.077	0.091	
	0.015	0.039	0.005	
87	4	1	0	5
	2.209	2.524	0.267	
	1.453	0.920	0.267	
	0.800	0.200	0.000	0.024
	0.044	0.010	0.000	
	0.019	0.005	0.000	
91	2	2	0	4
	1.767	2.019	0.214	
	0.031	0.000	0.214	
	0.500	0.500	0.000	0.019
	0.022	0.019	0.000	
	0.010	0.010	0.000	
92	1	0	0	1

		0.442	0.505	0.053	
		0.705	0.505	0.053	
		1.000	0.000	0.000	0.005
		0.011	0.000	0.000	
		0.005	0.000	0.000	
93	2	1	0	3	
	1.325	1.515	0.160		
	0.344	0.175	0.160		
	0.667	0.333	0.000	0.015	
	0.022	0.010	0.000		
	0.010	0.005	0.000		
94	0	2	0	2	
	0.883	1.010	0.107		
	0.883	0.971	0.107		
	0.000	1.000	0.000	0.010	
	0.000	0.019	0.000		
	0.000	0.010	0.000		
96	1	1	0	2	
	0.883	1.010	0.107		
	0.015	0.000	0.107		
	0.500	0.500	0.000	0.010	
	0.011	0.010	0.000		
	0.005	0.005	0.000		
99	1	0	0	1	
	0.442	0.505	0.053		
	0.705	0.505	0.053		
	1.000	0.000	0.000	0.005	
	0.011	0.000	0.000		
	0.005	0.000	0.000		
Column Total	91	104	11	206	
	0.442	0.505	0.053		

Statistics for All Table Factors

Pearson's Chi-squared test

Chi^2 = 61.94145      d.f. = 54      p = 0.2138655

	y		
x	1	2	3
36	0	1	0
37	1	0	1
39	1	0	0
40	1	2	0
45	1	4	0
49	4	5	0
52	5	5	0
55	4	1	1
58	5	3	0
62	4	11	0

65	4	8	0
68	5	8	1
71	7	4	0
73	6	5	4
74	5	4	0
75	7	4	3
76	6	7	0
78	4	6	0
80	5	8	0
82	2	3	0
85	3	8	1
87	4	1	0
91	2	2	0
92	1	0	0
93	2	1	0
94	0	2	0
96	1	1	0
99	1	0	0

Chi-square test between PAQ and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	56	64	8	128
	56.544	64.621	6.835	
	0.005	0.006	0.199	
	0.438	0.500	0.062	0.621
	0.615	0.615	0.727	
	0.272	0.311	0.039	
2	14	28	3	45
	19.879	22.718	2.403	
	1.738	1.228	0.148	
	0.311	0.622	0.067	0.218
	0.154	0.269	0.273	
	0.068	0.136	0.015	
3	21	12	0	33
	14.578	16.660	1.762	
	2.829	1.304	1.762	
	0.636	0.364	0.000	0.160
	0.231	0.115	0.000	
	0.102	0.058	0.000	
Column Total	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 9.21958      d.f. = 4      p = 0.05583933

		y	
x	1	2	3
1	56	64	8
2	14	28	3
3	21	12	0

Chi-square test between EI..Self.M. and Panas...1 :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
N	
Expected N	
Chi-square contribution	
N / Row Total	
N / Col Total	
N / Table Total	
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		
	1	2	Row Total
<hr/>			
36	1	0	1
	0.772	0.228	
	0.067	0.228	
	1.000	0.000	0.005
	0.006	0.000	
	0.005	0.000	
<hr/>			
37	2	0	2
	1.544	0.456	
	0.135	0.456	
	1.000	0.000	0.010
	0.013	0.000	
	0.010	0.000	
<hr/>			
39	1	0	1
	0.772	0.228	
	0.067	0.228	
	1.000	0.000	0.005
	0.006	0.000	
	0.005	0.000	
<hr/>			
40	3	0	3
	2.316	0.684	
	0.202	0.684	
	1.000	0.000	0.015
	0.019	0.000	
	0.015	0.000	
<hr/>			
45	3	2	5
	3.859	1.141	
	0.191	0.647	
	0.600	0.400	0.024
	0.019	0.043	
	0.015	0.010	
<hr/>			
49	7	2	9
	6.947	2.053	
	0.000	0.001	
	0.778	0.222	0.044
	0.044	0.043	
	0.034	0.010	
<hr/>			

52	9	1	10
	7.718	2.282	
	0.213	0.720	
	0.900	0.100	0.049
	0.057	0.021	
	0.044	0.005	
55	6	0	6
	4.631	1.369	
	0.405	1.369	
	1.000	0.000	0.029
	0.038	0.000	
	0.029	0.000	
58	7	1	8
	6.175	1.825	
	0.110	0.373	
	0.875	0.125	0.039
	0.044	0.021	
	0.034	0.005	
62	9	6	15
	11.578	3.422	
	0.574	1.941	
	0.600	0.400	0.073
	0.057	0.128	
	0.044	0.029	
65	11	1	12
	9.262	2.738	
	0.326	1.103	
	0.917	0.083	0.058
	0.069	0.021	
	0.053	0.005	
68	12	2	14
	10.806	3.194	
	0.132	0.446	
	0.857	0.143	0.068
	0.075	0.043	
	0.058	0.010	
71	7	4	11
	8.490	2.510	
	0.262	0.885	
	0.636	0.364	0.053
	0.044	0.085	
	0.034	0.019	
73	13	2	15
	11.578	3.422	
	0.175	0.591	
	0.867	0.133	0.073
	0.082	0.043	
	0.063	0.010	
74	6	3	9
	6.947	2.053	
	0.129	0.436	
	0.667	0.333	0.044



	0.038	0.064	
	0.029	0.015	
-----	-----	-----	-----
75	11	3	14
	10.806	3.194	
	0.003	0.012	
	0.786	0.214	0.068
	0.069	0.064	
	0.053	0.015	
-----	-----	-----	-----
76	9	4	13
	10.034	2.966	
	0.107	0.360	
	0.692	0.308	0.063
	0.057	0.085	
	0.044	0.019	
-----	-----	-----	-----
78	4	6	10
	7.718	2.282	
	1.791	6.060	
	0.400	0.600	0.049
	0.025	0.128	
	0.019	0.029	
-----	-----	-----	-----
80	11	2	13
	10.034	2.966	
	0.093	0.315	
	0.846	0.154	0.063
	0.069	0.043	
	0.053	0.010	
-----	-----	-----	-----
82	4	1	5
	3.859	1.141	
	0.005	0.017	
	0.800	0.200	0.024
	0.025	0.021	
	0.019	0.005	
-----	-----	-----	-----
85	10	2	12
	9.262	2.738	
	0.059	0.199	
	0.833	0.167	0.058
	0.063	0.043	
	0.049	0.010	
-----	-----	-----	-----
87	4	1	5
	3.859	1.141	
	0.005	0.017	
	0.800	0.200	0.024
	0.025	0.021	
	0.019	0.005	
-----	-----	-----	-----
91	4	0	4
	3.087	0.913	
	0.270	0.913	
	1.000	0.000	0.019
	0.025	0.000	
	0.019	0.000	
-----	-----	-----	-----
92	1	0	1

		0.772	0.228	
		0.067	0.228	
		1.000	0.000	0.005
		0.006	0.000	
		0.005	0.000	
93	1	2	3	
	2.316	0.684		
	0.747	2.528		
	0.333	0.667	0.015	
	0.006	0.043		
	0.005	0.010		
94	1	1	2	
	1.544	0.456		
	0.191	0.648		
	0.500	0.500	0.010	
	0.006	0.021		
	0.005	0.005		
96	1	1	2	
	1.544	0.456		
	0.191	0.648		
	0.500	0.500	0.010	
	0.006	0.021		
	0.005	0.005		
99	1	0	1	
	0.772	0.228		
	0.067	0.228		
	1.000	0.000	0.005	
	0.006	0.000		
	0.005	0.000		
Column Total	159	47	206	
	0.772	0.228		

Statistics for All Table Factors

Pearson's Chi-squared test

Chi^2 = 28.87209      d.f. = 27      p = 0.367129

	y	
x	1	2
36	1	0
37	2	0
39	1	0
40	3	0
45	3	2
49	7	2
52	9	1
55	6	0
58	7	1
62	9	6

65 11 1  
68 12 2  
71 7 4  
73 13 2  
74 6 3  
75 11 3  
76 9 4  
78 4 6  
80 11 2  
82 4 1  
85 10 2  
87 4 1  
91 4 0  
92 1 0  
93 1 2  
94 1 1  
96 1 1  
99 1 0

Chi-square test between PAQ and Panas...1 :

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
1	93	35	128
	98.796	29.204	
	0.340	1.150	
	0.727	0.273	0.621
	0.585	0.745	
	0.451	0.170	
2	38	7	45
	34.733	10.267	
	0.307	1.040	
	0.844	0.156	0.218
	0.239	0.149	
	0.184	0.034	
3	28	5	33
	25.471	7.529	
	0.251	0.850	
	0.848	0.152	0.160
	0.176	0.106	
	0.136	0.024	

----- ----- ----- -----
Column Total   159   47   206
0.772   0.228
----- ----- ----- -----

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 3.937957      d.f. = 2      p = 0.1395994

	y	
x	1	2
1	93	35
2	38	7
3	28	5

Chi-square test between EI..Self.M. and CBCL :

Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"

Cell Contents	
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
36	0	1	0	1
	0.136	0.272	0.592	
	0.136	1.950	0.592	
	0.000	1.000	0.000	0.005
	0.000	0.018	0.000	
	0.000	0.005	0.000	
37	1	0	1	2
	0.272	0.544	1.184	
	1.950	0.544	0.029	
	0.500	0.000	0.500	0.010
	0.036	0.000	0.008	
	0.005	0.000	0.005	
39	0	0	1	1
	0.136	0.272	0.592	
	0.136	0.272	0.281	
	0.000	0.000	1.000	0.005
	0.000	0.000	0.008	
	0.000	0.000	0.005	
40	0	2	1	3
	0.408	0.816	1.777	
	0.408	1.720	0.340	
	0.000	0.667	0.333	0.015
	0.000	0.036	0.008	
	0.000	0.010	0.005	
45	0	3	2	5
	0.680	1.359	2.961	
	0.680	1.981	0.312	
	0.000	0.600	0.400	0.024
	0.000	0.054	0.016	
	0.000	0.015	0.010	
49	1	6	2	9
	1.223	2.447	5.330	
	0.041	5.161	2.081	
	0.111	0.667	0.222	0.044
	0.036	0.107	0.016	
	0.005	0.029	0.010	

52	2	3	5	10
	1.359	2.718	5.922	
	0.302	0.029	0.144	
	0.200	0.300	0.500	0.049
	0.071	0.054	0.041	
	0.010	0.015	0.024	
55	3	0	3	6
	0.816	1.631	3.553	
	5.851	1.631	0.086	
	0.500	0.000	0.500	0.029
	0.107	0.000	0.025	
	0.015	0.000	0.015	
58	2	0	6	8
	1.087	2.175	4.738	
	0.766	2.175	0.336	
	0.250	0.000	0.750	0.039
	0.071	0.000	0.049	
	0.010	0.000	0.029	
62	0	8	7	15
	2.039	4.078	8.883	
	2.039	3.773	0.399	
	0.000	0.533	0.467	0.073
	0.000	0.143	0.057	
	0.000	0.039	0.034	
65	2	4	6	12
	1.631	3.262	7.107	
	0.083	0.167	0.172	
	0.167	0.333	0.500	0.058
	0.071	0.071	0.049	
	0.010	0.019	0.029	
68	1	4	9	14
	1.903	3.806	8.291	
	0.428	0.010	0.061	
	0.071	0.286	0.643	0.068
	0.036	0.071	0.074	
	0.005	0.019	0.044	
71	2	1	8	11
	1.495	2.990	6.515	
	0.170	1.325	0.339	
	0.182	0.091	0.727	0.053
	0.071	0.018	0.066	
	0.010	0.005	0.039	
73	5	4	6	15
	2.039	4.078	8.883	
	4.301	0.001	0.936	
	0.333	0.267	0.400	0.073
	0.179	0.071	0.049	
	0.024	0.019	0.029	
74	1	2	6	9
	1.223	2.447	5.330	
	0.041	0.082	0.084	
	0.111	0.222	0.667	0.044

	0.036	0.036	0.049	
	0.005	0.010	0.029	
75	3	1	10	14
	1.903	3.806	8.291	
	0.633	2.069	0.352	
	0.214	0.071	0.714	0.068
	0.107	0.018	0.082	
	0.015	0.005	0.049	
76	0	1	12	13
	1.767	3.534	7.699	
	1.767	1.817	2.403	
	0.000	0.077	0.923	0.063
	0.000	0.018	0.098	
	0.000	0.005	0.058	
78	1	3	6	10
	1.359	2.718	5.922	
	0.095	0.029	0.001	
	0.100	0.300	0.600	0.049
	0.036	0.054	0.049	
	0.005	0.015	0.029	
80	2	5	6	13
	1.767	3.534	7.699	
	0.031	0.608	0.375	
	0.154	0.385	0.462	0.063
	0.071	0.089	0.049	
	0.010	0.024	0.029	
82	0	0	5	5
	0.680	1.359	2.961	
	0.680	1.359	1.404	
	0.000	0.000	1.000	0.024
	0.000	0.000	0.041	
	0.000	0.000	0.024	
85	0	6	6	12
	1.631	3.262	7.107	
	1.631	2.298	0.172	
	0.000	0.500	0.500	0.058
	0.000	0.107	0.049	
	0.000	0.029	0.029	
87	0	0	5	5
	0.680	1.359	2.961	
	0.680	1.359	1.404	
	0.000	0.000	1.000	0.024
	0.000	0.000	0.041	
	0.000	0.000	0.024	
91	1	0	3	4
	0.544	1.087	2.369	
	0.383	1.087	0.168	
	0.250	0.000	0.750	0.019
	0.036	0.000	0.025	
	0.005	0.000	0.015	
92	0	0	1	1

		0.136	0.272	0.592	
		0.136	0.272	0.281	
		0.000	0.000	1.000	0.005
		0.000	0.000	0.008	
		0.000	0.000	0.005	
93	1	1	1	3	
	0.408	0.816	1.777		
	0.860	0.042	0.340		
	0.333	0.333	0.333	0.015	
	0.036	0.018	0.008		
	0.005	0.005	0.005		
94	0	0	2	2	
	0.272	0.544	1.184		
	0.272	0.544	0.562		
	0.000	0.000	1.000	0.010	
	0.000	0.000	0.016		
	0.000	0.000	0.010		
96	0	1	1	2	
	0.272	0.544	1.184		
	0.272	0.383	0.029		
	0.000	0.500	0.500	0.010	
	0.000	0.018	0.008		
	0.000	0.005	0.005		
99	0	0	1	1	
	0.136	0.272	0.592		
	0.136	0.272	0.281		
	0.000	0.000	1.000	0.005	
	0.000	0.000	0.008		
	0.000	0.000	0.005		
Column Total	28	56	122	206	
	0.136	0.272	0.592		

Statistics for All Table Factors

Pearson's Chi-squared test

Chi^2 = 71.82641      d.f. = 54      p = 0.05273869

```

      y
x     1  2  3
36    0  1  0
37    1  0  1
39    0  0  1
40    0  2  1
45    0  3  2
49    1  6  2
52    2  3  5
55    3  0  3
58    2  0  6
62    0  8  7

```



65	2	4	6
68	1	4	9
71	2	1	8
73	5	4	6
74	1	2	6
75	3	1	10
76	0	1	12
78	1	3	6
80	2	5	6
82	0	0	5
85	0	6	6
87	0	0	5
91	1	0	3
92	0	0	1
93	1	1	1
94	0	0	2
96	0	1	1
99	0	0	1

Chi-square test between PAQ and CBCL :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	16	28	84	128
	17.398	34.796	75.806	
	0.112	1.327	0.886	
	0.125	0.219	0.656	0.621
	0.571	0.500	0.689	
	0.078	0.136	0.408	
2	9	21	15	45
	6.117	12.233	26.650	
	1.359	6.283	5.093	
	0.200	0.467	0.333	0.218
	0.321	0.375	0.123	
	0.044	0.102	0.073	
3	3	7	23	33
	4.485	8.971	19.544	
	0.492	0.433	0.611	
	0.091	0.212	0.697	0.160
	0.107	0.125	0.189	
	0.015	0.034	0.112	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 16.59711      d.f. = 4      p = 0.00231419

y	
x	1 2 3
1	16 28 84
2	9 21 15
3	3 7 23

Chi-square test between EI..Self.M. and PAQ :

```
Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"
```

Cell Contents	
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
36	0	1	0	1
	0.621	0.218	0.160	
	0.621	2.796	0.160	
	0.000	1.000	0.000	0.005
	0.000	0.022	0.000	
	0.000	0.005	0.000	
37	0	1	1	2
	1.243	0.437	0.320	
	1.243	0.726	1.442	
	0.000	0.500	0.500	0.010
	0.000	0.022	0.030	
	0.000	0.005	0.005	
39	0	0	1	1
	0.621	0.218	0.160	
	0.621	0.218	4.403	
	0.000	0.000	1.000	0.005
	0.000	0.000	0.030	
	0.000	0.000	0.005	
40	2	1	0	3
	1.864	0.655	0.481	
	0.010	0.181	0.481	
	0.667	0.333	0.000	0.015
	0.016	0.022	0.000	
	0.010	0.005	0.000	
45	1	3	1	5
	3.107	1.092	0.801	
	1.429	3.332	0.049	
	0.200	0.600	0.200	0.024
	0.008	0.067	0.030	
	0.005	0.015	0.005	
49	4	3	2	9
	5.592	1.966	1.442	
	0.453	0.544	0.216	
	0.444	0.333	0.222	0.044
	0.031	0.067	0.061	
	0.019	0.015	0.010	

52	5	4	1	10
	6.214	2.184	1.602	
	0.237	1.509	0.226	
	0.500	0.400	0.100	0.049
	0.039	0.089	0.030	
	0.024	0.019	0.005	
55	3	3	0	6
	3.728	1.311	0.961	
	0.142	2.177	0.961	
	0.500	0.500	0.000	0.029
	0.023	0.067	0.000	
	0.015	0.015	0.000	
58	4	1	3	8
	4.971	1.748	1.282	
	0.190	0.320	2.304	
	0.500	0.125	0.375	0.039
	0.031	0.022	0.091	
	0.019	0.005	0.015	
62	12	3	0	15
	9.320	3.277	2.403	
	0.770	0.023	2.403	
	0.800	0.200	0.000	0.073
	0.094	0.067	0.000	
	0.058	0.015	0.000	
65	7	3	2	12
	7.456	2.621	1.922	
	0.028	0.055	0.003	
	0.583	0.250	0.167	0.058
	0.055	0.067	0.061	
	0.034	0.015	0.010	
68	8	2	4	14
	8.699	3.058	2.243	
	0.056	0.366	1.377	
	0.571	0.143	0.286	0.068
	0.062	0.044	0.121	
	0.039	0.010	0.019	
71	7	4	0	11
	6.835	2.403	1.762	
	0.004	1.061	1.762	
	0.636	0.364	0.000	0.053
	0.055	0.089	0.000	
	0.034	0.019	0.000	
73	9	5	1	15
	9.320	3.277	2.403	
	0.011	0.906	0.819	
	0.600	0.333	0.067	0.073
	0.070	0.111	0.030	
	0.044	0.024	0.005	
74	8	0	1	9
	5.592	1.966	1.442	
	1.037	1.966	0.135	
	0.889	0.000	0.111	0.044

	0.062	0.000	0.030	
	0.039	0.000	0.005	
75	9	2	3	14
	8.699	3.058	2.243	
	0.010	0.366	0.256	
	0.643	0.143	0.214	0.068
	0.070	0.044	0.091	
	0.044	0.010	0.015	
76	8	2	3	13
	8.078	2.840	2.083	
	0.001	0.248	0.404	
	0.615	0.154	0.231	0.063
	0.062	0.044	0.091	
	0.039	0.010	0.015	
78	8	2	0	10
	6.214	2.184	1.602	
	0.514	0.016	1.602	
	0.800	0.200	0.000	0.049
	0.062	0.044	0.000	
	0.039	0.010	0.000	
80	8	0	5	13
	8.078	2.840	2.083	
	0.001	2.840	4.087	
	0.615	0.000	0.385	0.063
	0.062	0.000	0.152	
	0.039	0.000	0.024	
82	5	0	0	5
	3.107	1.092	0.801	
	1.154	1.092	0.801	
	1.000	0.000	0.000	0.024
	0.039	0.000	0.000	
	0.024	0.000	0.000	
85	9	1	2	12
	7.456	2.621	1.922	
	0.320	1.003	0.003	
	0.750	0.083	0.167	0.058
	0.070	0.022	0.061	
	0.044	0.005	0.010	
87	4	0	1	5
	3.107	1.092	0.801	
	0.257	1.092	0.049	
	0.800	0.000	0.200	0.024
	0.031	0.000	0.030	
	0.019	0.000	0.005	
91	3	1	0	4
	2.485	0.874	0.641	
	0.107	0.018	0.641	
	0.750	0.250	0.000	0.019
	0.023	0.022	0.000	
	0.015	0.005	0.000	
92	1	0	0	1

		0.621	0.218	0.160	
		0.231	0.218	0.160	
		1.000	0.000	0.000	0.005
		0.008	0.000	0.000	
		0.005	0.000	0.000	
93	1	1	1	3	
	1.864	0.655	0.481		
	0.401	0.181	0.561		
	0.333	0.333	0.333	0.015	
	0.008	0.022	0.030		
	0.005	0.005	0.005		
94	0	1	1	2	
	1.243	0.437	0.320		
	1.243	0.726	1.442		
	0.000	0.500	0.500	0.010	
	0.000	0.022	0.030		
	0.000	0.005	0.005		
96	1	1	0	2	
	1.243	0.437	0.320		
	0.047	0.726	0.320		
	0.500	0.500	0.000	0.010	
	0.008	0.022	0.000		
	0.005	0.005	0.000		
99	1	0	0	1	
	0.621	0.218	0.160		
	0.231	0.218	0.160		
	1.000	0.000	0.000	0.005	
	0.008	0.000	0.000		
	0.005	0.000	0.000		
Column Total	128	45	33	206	
	0.621	0.218	0.160		

Statistics for All Table Factors

Pearson's Chi-squared test

Chi^2 = 63.52261      d.f. = 54      p = 0.1760025

```

      y
x     1  2  3
36    0  1  0
37    0  1  1
39    0  0  1
40    2  1  0
45    1  3  1
49    4  3  2
52    5  4  1
55    3  3  0
58    4  1  3
62   12  3  0

```

65	7	3	2
68	8	2	4
71	7	4	0
73	9	5	1
74	8	0	1
75	9	2	3
76	8	2	3
78	8	2	0
80	8	0	5
82	5	0	0
85	9	1	2
87	4	0	1
91	3	1	0
92	1	0	0
93	1	1	1
94	0	1	1
96	1	1	0
99	1	0	0

Chi-square test between EI..Social.A. and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
“Chi-squared approximation may be incorrect”



Cell Contents	
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
32	1	0	0	1
	0.442	0.505	0.053	
	0.705	0.505	0.053	
	1.000	0.000	0.000	0.005
	0.011	0.000	0.000	
	0.005	0.000	0.000	
40	1	0	0	1
	0.442	0.505	0.053	
	0.705	0.505	0.053	
	1.000	0.000	0.000	0.005
	0.011	0.000	0.000	
	0.005	0.000	0.000	
47	0	1	0	1
	0.442	0.505	0.053	
	0.442	0.486	0.053	
	0.000	1.000	0.000	0.005
	0.000	0.010	0.000	
	0.000	0.005	0.000	
58	0	1	0	1
	0.442	0.505	0.053	
	0.442	0.486	0.053	
	0.000	1.000	0.000	0.005
	0.000	0.010	0.000	
	0.000	0.005	0.000	
62	2	3	0	5
	2.209	2.524	0.267	
	0.020	0.090	0.267	
	0.400	0.600	0.000	0.024
	0.022	0.029	0.000	
	0.010	0.015	0.000	
64	2	3	1	6
	2.650	3.029	0.320	
	0.160	0.000	1.442	
	0.333	0.500	0.167	0.029
	0.022	0.029	0.091	
	0.010	0.015	0.005	

65	4	4	1	9
	3.976	4.544	0.481	
	0.000	0.065	0.561	
	0.444	0.444	0.111	0.044
	0.044	0.038	0.091	
	0.019	0.019	0.005	
68	2	11	2	15
	6.626	7.573	0.801	
	3.230	1.551	1.795	
	0.133	0.733	0.133	0.073
	0.022	0.106	0.182	
	0.010	0.053	0.010	
70	8	7	0	15
	6.626	7.573	0.801	
	0.285	0.043	0.801	
	0.533	0.467	0.000	0.073
	0.088	0.067	0.000	
	0.039	0.034	0.000	
72	5	8	2	15
	6.626	7.573	0.801	
	0.399	0.024	1.795	
	0.333	0.533	0.133	0.073
	0.055	0.077	0.182	
	0.024	0.039	0.010	
74	5	10	0	15
	6.626	7.573	0.801	
	0.399	0.778	0.801	
	0.333	0.667	0.000	0.073
	0.055	0.096	0.000	
	0.024	0.049	0.000	
76	15	7	0	22
	9.718	11.107	1.175	
	2.870	1.519	1.175	
	0.682	0.318	0.000	0.107
	0.165	0.067	0.000	
	0.073	0.034	0.000	
77	11	10	3	24
	10.602	12.117	1.282	
	0.015	0.370	2.304	
	0.458	0.417	0.125	0.117
	0.121	0.096	0.273	
	0.053	0.049	0.015	
79	7	7	2	16
	7.068	8.078	0.854	
	0.001	0.144	1.536	
	0.438	0.438	0.125	0.078
	0.077	0.067	0.182	
	0.034	0.034	0.010	
81	3	13	0	16
	7.068	8.078	0.854	
	2.341	3.000	0.854	
	0.188	0.812	0.000	0.078

		0.033	0.125	0.000	
		0.015	0.063	0.000	
-----		-----	-----	-----	-----
88	13	12	0	25	
	11.044	12.621	1.335		
	0.347	0.031	1.335		
	0.520	0.480	0.000	0.121	
	0.143	0.115	0.000		
	0.063	0.058	0.000		
-----		-----	-----	-----	-----
90	4	3	0	7	
	3.092	3.534	0.374		
	0.266	0.081	0.374		
	0.571	0.429	0.000	0.034	
	0.044	0.029	0.000		
	0.019	0.015	0.000		
-----		-----	-----	-----	-----
92	4	0	0	4	
	1.767	2.019	0.214		
	2.822	2.019	0.214		
	1.000	0.000	0.000	0.019	
	0.044	0.000	0.000		
	0.019	0.000	0.000		
-----		-----	-----	-----	-----
93	3	3	0	6	
	2.650	3.029	0.320		
	0.046	0.000	0.320		
	0.500	0.500	0.000	0.029	
	0.033	0.029	0.000		
	0.015	0.015	0.000		
-----		-----	-----	-----	-----
96	1	1	0	2	
	0.883	1.010	0.107		
	0.015	0.000	0.107		
	0.500	0.500	0.000	0.010	
	0.011	0.010	0.000		
	0.005	0.005	0.000		
-----		-----	-----	-----	-----
Column Total	91	104	11	206	
	0.442	0.505	0.053		
-----		-----	-----	-----	-----

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 43.09991      d.f. = 38      p = 0.2622403

	y			
x	1	2	3	
32	1	0	0	
40	1	0	0	
47	0	1	0	
58	0	1	0	
62	2	3	0	
64	2	3	1	

65	4	4	1
68	2	11	2
70	8	7	0
72	5	8	2
74	5	10	0
76	15	7	0
77	11	10	3
79	7	7	2
81	3	13	0
88	13	12	0
90	4	3	0
92	4	0	0
93	3	3	0
96	1	1	0

Chi-square test between PAQ and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	56	64	8	128
	56.544	64.621	6.835	
	0.005	0.006	0.199	
	0.438	0.500	0.062	0.621
	0.615	0.615	0.727	
	0.272	0.311	0.039	
2	14	28	3	45
	19.879	22.718	2.403	
	1.738	1.228	0.148	
	0.311	0.622	0.067	0.218
	0.154	0.269	0.273	
	0.068	0.136	0.015	
3	21	12	0	33
	14.578	16.660	1.762	
	2.829	1.304	1.762	
	0.636	0.364	0.000	0.160
	0.231	0.115	0.000	
	0.102	0.058	0.000	
Column Total	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 9.21958      d.f. = 4      p = 0.05583933

y	
x	1 2 3
1	56 64 8
2	14 28 3
3	21 12 0

Chi-square test between EI..Social.A. and Panas...1 :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
-----	
N	
Expected N	
Chi-square contribution	
N / Row Total	
N / Col Total	
N / Table Total	
-----	

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
-----	-----	-----	-----
32	1	0	1
	0.772	0.228	
	0.067	0.228	
	1.000	0.000	0.005
	0.006	0.000	
	0.005	0.000	
-----	-----	-----	-----
40	1	0	1
	0.772	0.228	
	0.067	0.228	
	1.000	0.000	0.005
	0.006	0.000	
	0.005	0.000	
-----	-----	-----	-----
47	1	0	1
	0.772	0.228	
	0.067	0.228	
	1.000	0.000	0.005
	0.006	0.000	
	0.005	0.000	
-----	-----	-----	-----
58	1	0	1
	0.772	0.228	
	0.067	0.228	
	1.000	0.000	0.005
	0.006	0.000	
	0.005	0.000	
-----	-----	-----	-----
62	4	1	5
	3.859	1.141	
	0.005	0.017	
	0.800	0.200	0.024
	0.025	0.021	
	0.019	0.005	
-----	-----	-----	-----
64	4	2	6
	4.631	1.369	
	0.086	0.291	
	0.667	0.333	0.029
	0.025	0.043	
	0.019	0.010	
-----	-----	-----	-----

65	8	1	9
	6.947	2.053	
	0.160	0.540	
	0.889	0.111	0.044
	0.050	0.021	
	0.039	0.005	
68	12	3	15
	11.578	3.422	
	0.015	0.052	
	0.800	0.200	0.073
	0.075	0.064	
	0.058	0.015	
70	13	2	15
	11.578	3.422	
	0.175	0.591	
	0.867	0.133	0.073
	0.082	0.043	
	0.063	0.010	
72	12	3	15
	11.578	3.422	
	0.015	0.052	
	0.800	0.200	0.073
	0.075	0.064	
	0.058	0.015	
74	13	2	15
	11.578	3.422	
	0.175	0.591	
	0.867	0.133	0.073
	0.082	0.043	
	0.063	0.010	
76	18	4	22
	16.981	5.019	
	0.061	0.207	
	0.818	0.182	0.107
	0.113	0.085	
	0.087	0.019	
77	21	3	24
	18.524	5.476	
	0.331	1.119	
	0.875	0.125	0.117
	0.132	0.064	
	0.102	0.015	
79	11	5	16
	12.350	3.650	
	0.147	0.499	
	0.688	0.312	0.078
	0.069	0.106	
	0.053	0.024	
81	11	5	16
	12.350	3.650	
	0.147	0.499	
	0.688	0.312	0.078



		0.069	0.106	
		0.053	0.024	
-----		-----	-----	-----
88	16	9	25	
	19.296	5.704		
	0.563	1.905		
	0.640	0.360	0.121	
	0.101	0.191		
	0.078	0.044		
-----		-----	-----	-----
90	5	2	7	
	5.403	1.597		
	0.030	0.102		
	0.714	0.286	0.034	
	0.031	0.043		
	0.024	0.010		
-----		-----	-----	-----
92	3	1	4	
	3.087	0.913		
	0.002	0.008		
	0.750	0.250	0.019	
	0.019	0.021		
	0.015	0.005		
-----		-----	-----	-----
93	3	3	6	
	4.631	1.369		
	0.574	1.943		
	0.500	0.500	0.029	
	0.019	0.064		
	0.015	0.015		
-----		-----	-----	-----
96	1	1	2	
	1.544	0.456		
	0.191	0.648		
	0.500	0.500	0.010	
	0.006	0.021		
	0.005	0.005		
-----		-----	-----	-----
Column Total	159	47	206	
	0.772	0.228		
-----		-----	-----	-----

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 12.92734      d.f. = 19      p = 0.8422696

	y	
x	1	2
32	1	0
40	1	0
47	1	0
58	1	0
62	4	1
64	4	2

65	8	1
68	12	3
70	13	2
72	12	3
74	13	2
76	18	4
77	21	3
79	11	5
81	11	5
88	16	9
90	5	2
92	3	1
93	3	3
96	1	1

Chi-square test between PAQ and Panas...1 :

Cell Contents	
	-----
N	
Expected N	
Chi-square contribution	
N / Row Total	
N / Col Total	
N / Table Total	
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
1	93	35	128
	98.796	29.204	
	0.340	1.150	
	0.727	0.273	0.621
	0.585	0.745	
	0.451	0.170	
2	38	7	45
	34.733	10.267	
	0.307	1.040	
	0.844	0.156	0.218
	0.239	0.149	
	0.184	0.034	
3	28	5	33
	25.471	7.529	
	0.251	0.850	
	0.848	0.152	0.160
	0.176	0.106	
	0.136	0.024	
Column Total	159	47	206
	0.772	0.228	
	-----	-----	-----

## Statistics for All Table Factors

## Pearson's Chi-squared test

-----  
Chi^2 = 3.937957      d.f. = 2      p = 0.1395994

	y	
x	1	2
1	93	35
2	38	7
3	28	5

Chi-square test between EI..Social.A. and CBCL :

Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
32	0	1	0	1
	0.136	0.272	0.592	
	0.136	1.950	0.592	
	0.000	1.000	0.000	0.005
	0.000	0.018	0.000	
	0.000	0.005	0.000	
40	0	1	0	1
	0.136	0.272	0.592	
	0.136	1.950	0.592	
	0.000	1.000	0.000	0.005
	0.000	0.018	0.000	
	0.000	0.005	0.000	
47	0	0	1	1
	0.136	0.272	0.592	
	0.136	0.272	0.281	
	0.000	0.000	1.000	0.005
	0.000	0.000	0.008	
	0.000	0.000	0.005	
58	1	0	0	1
	0.136	0.272	0.592	
	5.493	0.272	0.592	
	1.000	0.000	0.000	0.005
	0.036	0.000	0.000	
	0.005	0.000	0.000	
62	0	2	3	5
	0.680	1.359	2.961	
	0.680	0.302	0.001	
	0.000	0.400	0.600	0.024
	0.000	0.036	0.025	
	0.000	0.010	0.015	
64	0	1	5	6
	0.816	1.631	3.553	
	0.816	0.244	0.589	
	0.000	0.167	0.833	0.029
	0.000	0.018	0.041	
	0.000	0.005	0.024	

65	0	2	7	9
	1.223	2.447	5.330	
	1.223	0.082	0.523	
	0.000	0.222	0.778	0.044
	0.000	0.036	0.057	
	0.000	0.010	0.034	
68	3	7	5	15
	2.039	4.078	8.883	
	0.453	2.094	1.698	
	0.200	0.467	0.333	0.073
	0.107	0.125	0.041	
	0.015	0.034	0.024	
70	3	2	10	15
	2.039	4.078	8.883	
	0.453	1.059	0.140	
	0.200	0.133	0.667	0.073
	0.107	0.036	0.082	
	0.015	0.010	0.049	
72	2	7	6	15
	2.039	4.078	8.883	
	0.001	2.094	0.936	
	0.133	0.467	0.400	0.073
	0.071	0.125	0.049	
	0.010	0.034	0.029	
74	1	5	9	15
	2.039	4.078	8.883	
	0.529	0.209	0.002	
	0.067	0.333	0.600	0.073
	0.036	0.089	0.074	
	0.005	0.024	0.044	
76	4	2	16	22
	2.990	5.981	13.029	
	0.341	2.649	0.677	
	0.182	0.091	0.727	0.107
	0.143	0.036	0.131	
	0.019	0.010	0.078	
77	6	6	12	24
	3.262	6.524	14.214	
	2.298	0.042	0.345	
	0.250	0.250	0.500	0.117
	0.214	0.107	0.098	
	0.029	0.029	0.058	
79	2	3	11	16
	2.175	4.350	9.476	
	0.014	0.419	0.245	
	0.125	0.188	0.688	0.078
	0.071	0.054	0.090	
	0.010	0.015	0.053	
81	4	6	6	16
	2.175	4.350	9.476	
	1.532	0.626	1.275	
	0.250	0.375	0.375	0.078

		0.143	0.107	0.049	
		0.019	0.029	0.029	
-----		-----	-----	-----	-----
88	0	5	20	25	
	3.398	6.796	14.806		
	3.398	0.475	1.822		
	0.000	0.200	0.800	0.121	
	0.000	0.089	0.164		
	0.000	0.024	0.097		
-----		-----	-----	-----	-----
90	1	3	3	7	
	0.951	1.903	4.146		
	0.002	0.633	0.317		
	0.143	0.429	0.429	0.034	
	0.036	0.054	0.025		
	0.005	0.015	0.015		
-----		-----	-----	-----	-----
92	1	0	3	4	
	0.544	1.087	2.369		
	0.383	1.087	0.168		
	0.250	0.000	0.750	0.019	
	0.036	0.000	0.025		
	0.005	0.000	0.015		
-----		-----	-----	-----	-----
93	0	3	3	6	
	0.816	1.631	3.553		
	0.816	1.149	0.086		
	0.000	0.500	0.500	0.029	
	0.000	0.054	0.025		
	0.000	0.015	0.015		
-----		-----	-----	-----	-----
96	0	0	2	2	
	0.272	0.544	1.184		
	0.272	0.544	0.562		
	0.000	0.000	1.000	0.010	
	0.000	0.000	0.016		
	0.000	0.000	0.010		
-----		-----	-----	-----	-----
Column Total	28	56	122	206	
	0.136	0.272	0.592		
-----		-----	-----	-----	-----

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 48.70559      d.f. = 38      p = 0.114391

	y			
x	1	2	3	
32	0	1	0	
40	0	1	0	
47	0	0	1	
58	1	0	0	
62	0	2	3	
64	0	1	5	

65	0	2	7
68	3	7	5
70	3	2	10
72	2	7	6
74	1	5	9
76	4	2	16
77	6	6	12
79	2	3	11
81	4	6	6
88	0	5	20
90	1	3	3
92	1	0	3
93	0	3	3
96	0	0	2

Chi-square test between PAQ and CBCL :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	16	28	84	128
	17.398	34.796	75.806	
	0.112	1.327	0.886	
	0.125	0.219	0.656	0.621
	0.571	0.500	0.689	
	0.078	0.136	0.408	
2	9	21	15	45
	6.117	12.233	26.650	
	1.359	6.283	5.093	
	0.200	0.467	0.333	0.218
	0.321	0.375	0.123	
	0.044	0.102	0.073	
3	3	7	23	33
	4.485	8.971	19.544	
	0.492	0.433	0.611	
	0.091	0.212	0.697	0.160
	0.107	0.125	0.189	
	0.015	0.034	0.112	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 16.59711      d.f. = 4      p = 0.00231419

y	
x	1 2 3
1	16 28 84
2	9 21 15
3	3 7 23



Chi-square test between EI..Social.A. and PAQ :

```
Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"
```

Cell Contents	
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
32	1	0	0	1
	0.621	0.218	0.160	
	0.231	0.218	0.160	
	1.000	0.000	0.000	0.005
	0.008	0.000	0.000	
	0.005	0.000	0.000	
40	0	0	1	1
	0.621	0.218	0.160	
	0.621	0.218	4.403	
	0.000	0.000	1.000	0.005
	0.000	0.000	0.030	
	0.000	0.000	0.005	
47	0	0	1	1
	0.621	0.218	0.160	
	0.621	0.218	4.403	
	0.000	0.000	1.000	0.005
	0.000	0.000	0.030	
	0.000	0.000	0.005	
58	1	0	0	1
	0.621	0.218	0.160	
	0.231	0.218	0.160	
	1.000	0.000	0.000	0.005
	0.008	0.000	0.000	
	0.005	0.000	0.000	
62	3	1	1	5
	3.107	1.092	0.801	
	0.004	0.008	0.049	
	0.600	0.200	0.200	0.024
	0.023	0.022	0.030	
	0.015	0.005	0.005	
64	3	2	1	6
	3.728	1.311	0.961	
	0.142	0.363	0.002	
	0.500	0.333	0.167	0.029
	0.023	0.044	0.030	
	0.015	0.010	0.005	

65	6	3	0	9
	5.592	1.966	1.442	
	0.030	0.544	1.442	
	0.667	0.333	0.000	0.044
	0.047	0.067	0.000	
	0.029	0.015	0.000	
68	5	7	3	15
	9.320	3.277	2.403	
	2.003	4.231	0.148	
	0.333	0.467	0.200	0.073
	0.039	0.156	0.091	
	0.024	0.034	0.015	
70	4	8	3	15
	9.320	3.277	2.403	
	3.037	6.809	0.148	
	0.267	0.533	0.200	0.073
	0.031	0.178	0.091	
	0.019	0.039	0.015	
72	9	4	2	15
	9.320	3.277	2.403	
	0.011	0.160	0.068	
	0.600	0.267	0.133	0.073
	0.070	0.089	0.061	
	0.044	0.019	0.010	
74	10	3	2	15
	9.320	3.277	2.403	
	0.050	0.023	0.068	
	0.667	0.200	0.133	0.073
	0.078	0.067	0.061	
	0.049	0.015	0.010	
76	12	5	5	22
	13.670	4.806	3.524	
	0.204	0.008	0.618	
	0.545	0.227	0.227	0.107
	0.094	0.111	0.152	
	0.058	0.024	0.024	
77	15	4	5	24
	14.913	5.243	3.845	
	0.001	0.295	0.347	
	0.625	0.167	0.208	0.117
	0.117	0.089	0.152	
	0.073	0.019	0.024	
79	12	2	2	16
	9.942	3.495	2.563	
	0.426	0.640	0.124	
	0.750	0.125	0.125	0.078
	0.094	0.044	0.061	
	0.058	0.010	0.010	
81	13	1	2	16
	9.942	3.495	2.563	
	0.941	1.781	0.124	
	0.812	0.062	0.125	0.078

		0.102	0.022	0.061	
		0.063	0.005	0.010	
-----		-----	-----	-----	-----
88	20	3	2	25	
	15.534	5.461	4.005		
	1.284	1.109	1.004		
	0.800	0.120	0.080	0.121	
	0.156	0.067	0.061		
	0.097	0.015	0.010		
-----		-----	-----	-----	-----
90	6	0	1	7	
	4.350	1.529	1.121		
	0.626	1.529	0.013		
	0.857	0.000	0.143	0.034	
	0.047	0.000	0.030		
	0.029	0.000	0.005		
-----		-----	-----	-----	-----
92	4	0	0	4	
	2.485	0.874	0.641		
	0.923	0.874	0.641		
	1.000	0.000	0.000	0.019	
	0.031	0.000	0.000		
	0.019	0.000	0.000		
-----		-----	-----	-----	-----
93	3	2	1	6	
	3.728	1.311	0.961		
	0.142	0.363	0.002		
	0.500	0.333	0.167	0.029	
	0.023	0.044	0.030		
	0.015	0.010	0.005		
-----		-----	-----	-----	-----
96	1	0	1	2	
	1.243	0.437	0.320		
	0.047	0.437	1.442		
	0.500	0.000	0.500	0.010	
	0.008	0.000	0.030		
	0.005	0.000	0.005		
-----		-----	-----	-----	-----
Column Total	128	45	33	206	
	0.621	0.218	0.160		
-----		-----	-----	-----	-----

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 46.98289      d.f. = 38      p = 0.1505641

	y			
x	1	2	3	
32	1	0	0	
40	0	0	1	
47	0	0	1	
58	1	0	0	
62	3	1	1	
64	3	2	1	

65	6	3	0
68	5	7	3
70	4	8	3
72	9	4	2
74	10	3	2
76	12	5	5
77	15	4	5
79	12	2	2
81	13	1	2
88	20	3	2
90	6	0	1
92	4	0	0
93	3	2	1
96	1	0	1

Chi-square test between EI..RM. and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
30	0	1	0	1
	0.442	0.505	0.053	
	0.442	0.486	0.053	
	0.000	1.000	0.000	0.005
	0.000	0.010	0.000	
	0.000	0.005	0.000	
43	0	1	0	1
	0.442	0.505	0.053	
	0.442	0.486	0.053	
	0.000	1.000	0.000	0.005
	0.000	0.010	0.000	
	0.000	0.005	0.000	
48	1	3	0	4
	1.767	2.019	0.214	
	0.333	0.476	0.214	
	0.250	0.750	0.000	0.019
	0.011	0.029	0.000	
	0.005	0.015	0.000	
50	1	4	0	5
	2.209	2.524	0.267	
	0.661	0.863	0.267	
	0.200	0.800	0.000	0.024
	0.011	0.038	0.000	
	0.005	0.019	0.000	
53	1	5	0	6
	2.650	3.029	0.320	
	1.028	1.282	0.320	
	0.167	0.833	0.000	0.029
	0.011	0.048	0.000	
	0.005	0.024	0.000	
56	2	4	0	6
	2.650	3.029	0.320	
	0.160	0.311	0.320	
	0.333	0.667	0.000	0.029
	0.022	0.038	0.000	
	0.010	0.019	0.000	

57	4	2	0	6
	2.650	3.029	0.320	
	0.687	0.350	0.320	
	0.667	0.333	0.000	0.029
	0.044	0.019	0.000	
	0.019	0.010	0.000	
59	7	6	0	13
	5.743	6.563	0.694	
	0.275	0.048	0.694	
	0.538	0.462	0.000	0.063
	0.077	0.058	0.000	
	0.034	0.029	0.000	
61	6	4	4	14
	6.184	7.068	0.748	
	0.006	1.332	14.150	
	0.429	0.286	0.286	0.068
	0.066	0.038	0.364	
	0.029	0.019	0.019	
65	0	8	1	9
	3.976	4.544	0.481	
	3.976	2.629	0.561	
	0.000	0.889	0.111	0.044
	0.000	0.077	0.091	
	0.000	0.039	0.005	
67	1	5	1	7
	3.092	3.534	0.374	
	1.416	0.608	1.049	
	0.143	0.714	0.143	0.034
	0.011	0.048	0.091	
	0.005	0.024	0.005	
70	7	6	3	16
	7.068	8.078	0.854	
	0.001	0.534	5.388	
	0.438	0.375	0.188	0.078
	0.077	0.058	0.273	
	0.034	0.029	0.015	
71	12	5	0	17
	7.510	8.583	0.908	
	2.685	1.495	0.908	
	0.706	0.294	0.000	0.083
	0.132	0.048	0.000	
	0.058	0.024	0.000	
73	3	4	2	9
	3.976	4.544	0.481	
	0.239	0.065	4.804	
	0.333	0.444	0.222	0.044
	0.033	0.038	0.182	
	0.015	0.019	0.010	
75	10	7	0	17
	7.510	8.583	0.908	
	0.826	0.292	0.908	
	0.588	0.412	0.000	0.083

	0.110	0.067	0.000	
	0.049	0.034	0.000	
77	10	10	0	20
	8.835	10.097	1.068	
	0.154	0.001	1.068	
	0.500	0.500	0.000	0.097
	0.110	0.096	0.000	
	0.049	0.049	0.000	
78	4	7	0	11
	4.859	5.553	0.587	
	0.152	0.377	0.587	
	0.364	0.636	0.000	0.053
	0.044	0.067	0.000	
	0.019	0.034	0.000	
80	5	6	0	11
	4.859	5.553	0.587	
	0.004	0.036	0.587	
	0.455	0.545	0.000	0.053
	0.055	0.058	0.000	
	0.024	0.029	0.000	
83	4	2	0	6
	2.650	3.029	0.320	
	0.687	0.350	0.320	
	0.667	0.333	0.000	0.029
	0.044	0.019	0.000	
	0.019	0.010	0.000	
84	3	2	0	5
	2.209	2.524	0.267	
	0.283	0.109	0.267	
	0.600	0.400	0.000	0.024
	0.033	0.019	0.000	
	0.015	0.010	0.000	
86	1	4	0	5
	2.209	2.524	0.267	
	0.661	0.863	0.267	
	0.200	0.800	0.000	0.024
	0.011	0.038	0.000	
	0.005	0.019	0.000	
87	4	1	0	5
	2.209	2.524	0.267	
	1.453	0.920	0.267	
	0.800	0.200	0.000	0.024
	0.044	0.010	0.000	
	0.019	0.005	0.000	
89	3	3	0	6
	2.650	3.029	0.320	
	0.046	0.000	0.320	
	0.500	0.500	0.000	0.029
	0.033	0.029	0.000	
	0.015	0.015	0.000	
91	1	1	0	2



		0.883	1.010	0.107	
		0.015	0.000	0.107	
		0.500	0.500	0.000	0.010
		0.011	0.010	0.000	
		0.005	0.005	0.000	
93	1	0	0	1	
	0.442	0.505	0.053		
	0.705	0.505	0.053		
	1.000	0.000	0.000	0.005	
	0.011	0.000	0.000		
	0.005	0.000	0.000		
95	0	1	0	1	
	0.442	0.505	0.053		
	0.442	0.486	0.053		
	0.000	1.000	0.000	0.005	
	0.000	0.010	0.000		
	0.000	0.005	0.000		
96	0	1	0	1	
	0.442	0.505	0.053		
	0.442	0.486	0.053		
	0.000	1.000	0.000	0.005	
	0.000	0.010	0.000		
	0.000	0.005	0.000		
100	0	1	0	1	
	0.442	0.505	0.053		
	0.442	0.486	0.053		
	0.000	1.000	0.000	0.005	
	0.000	0.010	0.000		
	0.000	0.005	0.000		
Column Total	91	104	11	206	
	0.442	0.505	0.053		

Statistics for All Table Factors

Pearson's Chi-squared test

Chi^2 = 68.55274      d.f. = 54      p = 0.08784965

	y		
x	1	2	3
30	0	1	0
43	0	1	0
48	1	3	0
50	1	4	0
53	1	5	0
56	2	4	0
57	4	2	0
59	7	6	0
61	6	4	4
65	0	8	1

67	1	5	1
70	7	6	3
71	12	5	0
73	3	4	2
75	10	7	0
77	10	10	0
78	4	7	0
80	5	6	0
83	4	2	0
84	3	2	0
86	1	4	0
87	4	1	0
89	3	3	0
91	1	1	0
93	1	0	0
95	0	1	0
96	0	1	0
100	0	1	0

Chi-square test between PAQ and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	56	64	8	128
	56.544	64.621	6.835	
	0.005	0.006	0.199	
	0.438	0.500	0.062	0.621
	0.615	0.615	0.727	
	0.272	0.311	0.039	
2	14	28	3	45
	19.879	22.718	2.403	
	1.738	1.228	0.148	
	0.311	0.622	0.067	0.218
	0.154	0.269	0.273	
	0.068	0.136	0.015	
3	21	12	0	33
	14.578	16.660	1.762	
	2.829	1.304	1.762	
	0.636	0.364	0.000	0.160
	0.231	0.115	0.000	
	0.102	0.058	0.000	
Column Total	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 9.21958      d.f. = 4      p = 0.05583933

		y	
x	1	2	3
1	56	64	8
2	14	28	3
3	21	12	0

Chi-square test between EI..RM. and Panas...1 :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
-----	
N	
Expected N	
Chi-square contribution	
N / Row Total	
N / Col Total	
N / Table Total	
-----	

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
-----	-----	-----	-----
30	0	1	1
	0.772	0.228	
	0.772	2.611	
	0.000	1.000	0.005
	0.000	0.021	
	0.000	0.005	
-----	-----	-----	-----
43	0	1	1
	0.772	0.228	
	0.772	2.611	
	0.000	1.000	0.005
	0.000	0.021	
	0.000	0.005	
-----	-----	-----	-----
48	3	1	4
	3.087	0.913	
	0.002	0.008	
	0.750	0.250	0.019
	0.019	0.021	
	0.015	0.005	
-----	-----	-----	-----
50	5	0	5
	3.859	1.141	
	0.337	1.141	
	1.000	0.000	0.024
	0.031	0.000	
	0.024	0.000	
-----	-----	-----	-----
53	2	4	6
	4.631	1.369	
	1.495	5.057	
	0.333	0.667	0.029
	0.013	0.085	
	0.010	0.019	
-----	-----	-----	-----
56	4	2	6
	4.631	1.369	
	0.086	0.291	
	0.667	0.333	0.029
	0.025	0.043	
	0.019	0.010	
-----	-----	-----	-----

57	5	1	6
	4.631	1.369	
	0.029	0.099	
	0.833	0.167	0.029
	0.031	0.021	
	0.024	0.005	
59	11	2	13
	10.034	2.966	
	0.093	0.315	
	0.846	0.154	0.063
	0.069	0.043	
	0.053	0.010	
61	11	3	14
	10.806	3.194	
	0.003	0.012	
	0.786	0.214	0.068
	0.069	0.064	
	0.053	0.015	
65	8	1	9
	6.947	2.053	
	0.160	0.540	
	0.889	0.111	0.044
	0.050	0.021	
	0.039	0.005	
67	6	1	7
	5.403	1.597	
	0.066	0.223	
	0.857	0.143	0.034
	0.038	0.021	
	0.029	0.005	
70	15	1	16
	12.350	3.650	
	0.569	1.924	
	0.938	0.062	0.078
	0.094	0.021	
	0.073	0.005	
71	12	5	17
	13.121	3.879	
	0.096	0.324	
	0.706	0.294	0.083
	0.075	0.106	
	0.058	0.024	
73	7	2	9
	6.947	2.053	
	0.000	0.001	
	0.778	0.222	0.044
	0.044	0.043	
	0.034	0.010	
75	16	1	17
	13.121	3.879	
	0.632	2.136	
	0.941	0.059	0.083

	0.101	0.021	
	0.078	0.005	
77	18	2	20
	15.437	4.563	
	0.426	1.440	
	0.900	0.100	0.097
	0.113	0.043	
	0.087	0.010	
78	4	7	11
	8.490	2.510	
	2.375	8.034	
	0.364	0.636	0.053
	0.025	0.149	
	0.019	0.034	
80	10	1	11
	8.490	2.510	
	0.268	0.908	
	0.909	0.091	0.053
	0.063	0.021	
	0.049	0.005	
83	2	4	6
	4.631	1.369	
	1.495	5.057	
	0.333	0.667	0.029
	0.013	0.085	
	0.010	0.019	
84	3	2	5
	3.859	1.141	
	0.191	0.647	
	0.600	0.400	0.024
	0.019	0.043	
	0.015	0.010	
86	3	2	5
	3.859	1.141	
	0.191	0.647	
	0.600	0.400	0.024
	0.019	0.043	
	0.015	0.010	
87	5	0	5
	3.859	1.141	
	0.337	1.141	
	1.000	0.000	0.024
	0.031	0.000	
	0.024	0.000	
89	4	2	6
	4.631	1.369	
	0.086	0.291	
	0.667	0.333	0.029
	0.025	0.043	
	0.019	0.010	
91	2	0	2

		1.544	0.456	
		0.135	0.456	
		1.000	0.000	0.010
		0.013	0.000	
		0.010	0.000	
93	1	0	1	
	0.772	0.228		
	0.067	0.228		
	1.000	0.000	0.005	
	0.006	0.000		
	0.005	0.000		
95	1	0	1	
	0.772	0.228		
	0.067	0.228		
	1.000	0.000	0.005	
	0.006	0.000		
	0.005	0.000		
96	0	1	1	
	0.772	0.228		
	0.772	2.611		
	0.000	1.000	0.005	
	0.000	0.021		
	0.000	0.005		
100	1	0	1	
	0.772	0.228		
	0.067	0.228		
	1.000	0.000	0.005	
	0.006	0.000		
	0.005	0.000		
Column Total	159	47	206	
	0.772	0.228		

Statistics for All Table Factors

Pearson's Chi-squared test

Chi^2 = 50.80259      d.f. = 27      p = 0.003671471

	y	
x	1	2
30	0	1
43	0	1
48	3	1
50	5	0
53	2	4
56	4	2
57	5	1
59	11	2
61	11	3
65	8	1



67	6	1
70	15	1
71	12	5
73	7	2
75	16	1
77	18	2
78	4	7
80	10	1
83	2	4
84	3	2
86	3	2
87	5	0
89	4	2
91	2	0
93	1	0
95	1	0
96	0	1
100	1	0

Chi-square test between PAQ and Panas...1 :

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
1	93	35	128
	98.796	29.204	
	0.340	1.150	
	0.727	0.273	0.621
	0.585	0.745	
	0.451	0.170	
2	38	7	45
	34.733	10.267	
	0.307	1.040	
	0.844	0.156	0.218
	0.239	0.149	
	0.184	0.034	
3	28	5	33
	25.471	7.529	
	0.251	0.850	
	0.848	0.152	0.160
	0.176	0.106	
	0.136	0.024	

----- ----- ----- -----
Column Total   159   47   206
0.772   0.228
----- ----- ----- -----

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 3.937957      d.f. = 2      p = 0.1395994

	y	
x	1	2
1	93	35
2	38	7
3	28	5

Chi-square test between EI..RM. and CBCL :

Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
30	0	0	1	1
	0.136	0.272	0.592	
	0.136	0.272	0.281	
	0.000	0.000	1.000	0.005
	0.000	0.000	0.008	
	0.000	0.000	0.005	
43	0	1	0	1
	0.136	0.272	0.592	
	0.136	1.950	0.592	
	0.000	1.000	0.000	0.005
	0.000	0.018	0.000	
	0.000	0.005	0.000	
48	0	0	4	4
	0.544	1.087	2.369	
	0.544	1.087	1.123	
	0.000	0.000	1.000	0.019
	0.000	0.000	0.033	
	0.000	0.000	0.019	
50	1	2	2	5
	0.680	1.359	2.961	
	0.151	0.302	0.312	
	0.200	0.400	0.400	0.024
	0.036	0.036	0.016	
	0.005	0.010	0.010	
53	0	3	3	6
	0.816	1.631	3.553	
	0.816	1.149	0.086	
	0.000	0.500	0.500	0.029
	0.000	0.054	0.025	
	0.000	0.015	0.015	
56	0	2	4	6
	0.816	1.631	3.553	
	0.816	0.083	0.056	
	0.000	0.333	0.667	0.029
	0.000	0.036	0.033	
	0.000	0.010	0.019	

57	0	1	5	6
	0.816	1.631	3.553	
	0.816	0.244	0.589	
	0.000	0.167	0.833	0.029
	0.000	0.018	0.041	
	0.000	0.005	0.024	
59	3	5	5	13
	1.767	3.534	7.699	
	0.860	0.608	0.946	
	0.231	0.385	0.385	0.063
	0.107	0.089	0.041	
	0.015	0.024	0.024	
61	4	4	6	14
	1.903	3.806	8.291	
	2.311	0.010	0.633	
	0.286	0.286	0.429	0.068
	0.143	0.071	0.049	
	0.019	0.019	0.029	
65	0	5	4	9
	1.223	2.447	5.330	
	1.223	2.665	0.332	
	0.000	0.556	0.444	0.044
	0.000	0.089	0.033	
	0.000	0.024	0.019	
67	0	4	3	7
	0.951	1.903	4.146	
	0.951	2.311	0.317	
	0.000	0.571	0.429	0.034
	0.000	0.071	0.025	
	0.000	0.019	0.015	
70	5	4	7	16
	2.175	4.350	9.476	
	3.670	0.028	0.647	
	0.312	0.250	0.438	0.078
	0.179	0.071	0.057	
	0.024	0.019	0.034	
71	1	0	16	17
	2.311	4.621	10.068	
	0.743	4.621	3.495	
	0.059	0.000	0.941	0.083
	0.036	0.000	0.131	
	0.005	0.000	0.078	
73	4	2	3	9
	1.223	2.447	5.330	
	6.303	0.082	1.019	
	0.444	0.222	0.333	0.044
	0.143	0.036	0.025	
	0.019	0.010	0.015	
75	2	5	10	17
	2.311	4.621	10.068	
	0.042	0.031	0.000	
	0.118	0.294	0.588	0.083

	0.071	0.089	0.082	
	0.010	0.024	0.049	
77	3	7	10	20
	2.718	5.437	11.845	
	0.029	0.449	0.287	
	0.150	0.350	0.500	0.097
	0.107	0.125	0.082	
	0.015	0.034	0.049	
78	0	3	8	11
	1.495	2.990	6.515	
	1.495	0.000	0.339	
	0.000	0.273	0.727	0.053
	0.000	0.054	0.066	
	0.000	0.015	0.039	
80	2	3	6	11
	1.495	2.990	6.515	
	0.170	0.000	0.041	
	0.182	0.273	0.545	0.053
	0.071	0.054	0.049	
	0.010	0.015	0.029	
83	1	0	5	6
	0.816	1.631	3.553	
	0.042	1.631	0.589	
	0.167	0.000	0.833	0.029
	0.036	0.000	0.041	
	0.005	0.000	0.024	
84	0	1	4	5
	0.680	1.359	2.961	
	0.680	0.095	0.364	
	0.000	0.200	0.800	0.024
	0.000	0.018	0.033	
	0.000	0.005	0.019	
86	2	2	1	5
	0.680	1.359	2.961	
	2.565	0.302	1.299	
	0.400	0.400	0.200	0.024
	0.071	0.036	0.008	
	0.010	0.010	0.005	
87	0	0	5	5
	0.680	1.359	2.961	
	0.680	1.359	1.404	
	0.000	0.000	1.000	0.024
	0.000	0.000	0.041	
	0.000	0.000	0.024	
89	0	2	4	6
	0.816	1.631	3.553	
	0.816	0.083	0.056	
	0.000	0.333	0.667	0.029
	0.000	0.036	0.033	
	0.000	0.010	0.019	
91	0	0	2	2

		0.272	0.544	1.184	
		0.272	0.544	0.562	
		0.000	0.000	1.000	0.010
		0.000	0.000	0.016	
		0.000	0.000	0.010	
93	0	0	1	1	
	0.136	0.272	0.592		
	0.136	0.272	0.281		
	0.000	0.000	1.000	0.005	
	0.000	0.000	0.008		
	0.000	0.000	0.005		
95	0	0	1	1	
	0.136	0.272	0.592		
	0.136	0.272	0.281		
	0.000	0.000	1.000	0.005	
	0.000	0.000	0.008		
	0.000	0.000	0.005		
96	0	0	1	1	
	0.136	0.272	0.592		
	0.136	0.272	0.281		
	0.000	0.000	1.000	0.005	
	0.000	0.000	0.008		
	0.000	0.000	0.005		
100	0	0	1	1	
	0.136	0.272	0.592		
	0.136	0.272	0.281		
	0.000	0.000	1.000	0.005	
	0.000	0.000	0.008		
	0.000	0.000	0.005		
Column Total	28	56	122	206	
	0.136	0.272	0.592		

Statistics for All Table Factors

Pearson's Chi-squared test

Chi^2 = 64.29675      d.f. = 54      p = 0.159317

	y		
x	1	2	3
30	0	0	1
43	0	1	0
48	0	0	4
50	1	2	2
53	0	3	3
56	0	2	4
57	0	1	5
59	3	5	5
61	4	4	6
65	0	5	4

67	0	4	3
70	5	4	7
71	1	0	16
73	4	2	3
75	2	5	10
77	3	7	10
78	0	3	8
80	2	3	6
83	1	0	5
84	0	1	4
86	2	2	1
87	0	0	5
89	0	2	4
91	0	0	2
93	0	0	1
95	0	0	1
96	0	0	1
100	0	0	1

Chi-square test between PAQ and CBCL :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	16	28	84	128
	17.398	34.796	75.806	
	0.112	1.327	0.886	
	0.125	0.219	0.656	0.621
	0.571	0.500	0.689	
	0.078	0.136	0.408	
2	9	21	15	45
	6.117	12.233	26.650	
	1.359	6.283	5.093	
	0.200	0.467	0.333	0.218
	0.321	0.375	0.123	
	0.044	0.102	0.073	
3	3	7	23	33
	4.485	8.971	19.544	
	0.492	0.433	0.611	
	0.091	0.212	0.697	0.160
	0.107	0.125	0.189	
	0.015	0.034	0.112	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 16.59711      d.f. = 4      p = 0.00231419

y	
x	1 2 3
1	16 28 84
2	9 21 15
3	3 7 23



Chi-square test between EI..RM. and PAQ :

```
Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"
```

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			
	1	2	3	Row Total
-----				
30	1	0	0	1
	0.621	0.218	0.160	
	0.231	0.218	0.160	
	1.000	0.000	0.000	0.005
	0.008	0.000	0.000	
	0.005	0.000	0.000	
-----				
43	0	1	0	1
	0.621	0.218	0.160	
	0.621	2.796	0.160	
	0.000	1.000	0.000	0.005
	0.000	0.022	0.000	
	0.000	0.005	0.000	
-----				
48	2	1	1	4
	2.485	0.874	0.641	
	0.095	0.018	0.201	
	0.500	0.250	0.250	0.019
	0.016	0.022	0.030	
	0.010	0.005	0.005	
-----				
50	1	3	1	5
	3.107	1.092	0.801	
	1.429	3.332	0.049	
	0.200	0.600	0.200	0.024
	0.008	0.067	0.030	
	0.005	0.015	0.005	
-----				
53	3	2	1	6
	3.728	1.311	0.961	
	0.142	0.363	0.002	
	0.500	0.333	0.167	0.029
	0.023	0.044	0.030	
	0.015	0.010	0.005	
-----				
56	3	1	2	6
	3.728	1.311	0.961	
	0.142	0.074	1.123	
	0.500	0.167	0.333	0.029
	0.023	0.022	0.061	
	0.015	0.005	0.010	
-----				

57	4	2	0	6
	3.728	1.311	0.961	
	0.020	0.363	0.961	
	0.667	0.333	0.000	0.029
	0.031	0.044	0.000	
	0.019	0.010	0.000	
59	7	3	3	13
	8.078	2.840	2.083	
	0.144	0.009	0.404	
	0.538	0.231	0.231	0.063
	0.055	0.067	0.091	
	0.034	0.015	0.015	
61	6	7	1	14
	8.699	3.058	2.243	
	0.837	5.080	0.689	
	0.429	0.500	0.071	0.068
	0.047	0.156	0.030	
	0.029	0.034	0.005	
65	5	2	2	9
	5.592	1.966	1.442	
	0.063	0.001	0.216	
	0.556	0.222	0.222	0.044
	0.039	0.044	0.061	
	0.024	0.010	0.010	
67	5	2	0	7
	4.350	1.529	1.121	
	0.097	0.145	1.121	
	0.714	0.286	0.000	0.034
	0.039	0.044	0.000	
	0.024	0.010	0.000	
70	9	4	3	16
	9.942	3.495	2.563	
	0.089	0.073	0.074	
	0.562	0.250	0.188	0.078
	0.070	0.089	0.091	
	0.044	0.019	0.015	
71	13	1	3	17
	10.563	3.714	2.723	
	0.562	1.983	0.028	
	0.765	0.059	0.176	0.083
	0.102	0.022	0.091	
	0.063	0.005	0.015	
73	8	1	0	9
	5.592	1.966	1.442	
	1.037	0.475	1.442	
	0.889	0.111	0.000	0.044
	0.062	0.022	0.000	
	0.039	0.005	0.000	
75	10	2	5	17
	10.563	3.714	2.723	
	0.030	0.791	1.903	
	0.588	0.118	0.294	0.083

	0.078	0.044	0.152	
	0.049	0.010	0.024	
77	13	3	4	20
	12.427	4.369	3.204	
	0.026	0.429	0.198	
	0.650	0.150	0.200	0.097
	0.102	0.067	0.121	
	0.063	0.015	0.019	
78	8	2	1	11
	6.835	2.403	1.762	
	0.199	0.068	0.330	
	0.727	0.182	0.091	0.053
	0.062	0.044	0.030	
	0.039	0.010	0.005	
80	6	5	0	11
	6.835	2.403	1.762	
	0.102	2.807	1.762	
	0.545	0.455	0.000	0.053
	0.047	0.111	0.000	
	0.029	0.024	0.000	
83	6	0	0	6
	3.728	1.311	0.961	
	1.384	1.311	0.961	
	1.000	0.000	0.000	0.029
	0.047	0.000	0.000	
	0.029	0.000	0.000	
84	4	0	1	5
	3.107	1.092	0.801	
	0.257	1.092	0.049	
	0.800	0.000	0.200	0.024
	0.031	0.000	0.030	
	0.019	0.000	0.005	
86	4	0	1	5
	3.107	1.092	0.801	
	0.257	1.092	0.049	
	0.800	0.000	0.200	0.024
	0.031	0.000	0.030	
	0.019	0.000	0.005	
87	3	0	2	5
	3.107	1.092	0.801	
	0.004	1.092	1.795	
	0.600	0.000	0.400	0.024
	0.023	0.000	0.061	
	0.015	0.000	0.010	
89	3	2	1	6
	3.728	1.311	0.961	
	0.142	0.363	0.002	
	0.500	0.333	0.167	0.029
	0.023	0.044	0.030	
	0.015	0.010	0.005	
91	2	0	0	2

		1.243	0.437	0.320	
		0.461	0.437	0.320	
		1.000	0.000	0.000	0.010
		0.016	0.000	0.000	
		0.010	0.000	0.000	
93	1	0	0	1	
	0.621	0.218	0.160		
	0.231	0.218	0.160		
	1.000	0.000	0.000	0.005	
	0.008	0.000	0.000		
	0.005	0.000	0.000		
95	0	1	0	1	
	0.621	0.218	0.160		
	0.621	2.796	0.160		
	0.000	1.000	0.000	0.005	
	0.000	0.022	0.000		
	0.000	0.005	0.000		
96	0	0	1	1	
	0.621	0.218	0.160		
	0.621	0.218	4.403		
	0.000	0.000	1.000	0.005	
	0.000	0.000	0.030		
	0.000	0.000	0.005		
100	1	0	0	1	
	0.621	0.218	0.160		
	0.231	0.218	0.160		
	1.000	0.000	0.000	0.005	
	0.008	0.000	0.000		
	0.005	0.000	0.000		
Column Total	128	45	33	206	
	0.621	0.218	0.160		

Statistics for All Table Factors

Pearson's Chi-squared test

Chi^2 = 56.82205      d.f. = 54      p = 0.3703627

	y			
x	1	2	3	
30	1	0	0	
43	0	1	0	
48	2	1	1	
50	1	3	1	
53	3	2	1	
56	3	1	2	
57	4	2	0	
59	7	3	3	
61	6	7	1	
65	5	2	2	

67	5	2	0
70	9	4	3
71	13	1	3
73	8	1	0
75	10	2	5
77	13	3	4
78	8	2	1
80	6	5	0
83	6	0	0
84	4	0	1
86	4	0	1
87	3	0	2
89	3	2	1
91	2	0	0
93	1	0	0
95	0	1	0
96	0	0	1
100	1	0	0

Chi-square test between Total and Panas.. :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

	data[[variable2]]			
data[[variable1]]	1	2	3	Row Total
-----				
1	4	6	0	10
	4.417	5.049	0.534	
	0.039	0.179	0.534	
	0.400	0.600	0.000	0.049
	0.044	0.058	0.000	
	0.019	0.029	0.000	
-----				
2	21	28	4	53
	23.413	26.757	2.830	
	0.249	0.058	0.484	
	0.396	0.528	0.075	0.257
	0.231	0.269	0.364	
	0.102	0.136	0.019	
-----				
3	27	34	5	66
	29.155	33.320	3.524	
	0.159	0.014	0.618	
	0.409	0.515	0.076	0.320
	0.297	0.327	0.455	
	0.131	0.165	0.024	
-----				
4	36	34	2	72
	31.806	36.350	3.845	
	0.553	0.152	0.885	
	0.500	0.472	0.028	0.350
	0.396	0.327	0.182	
	0.175	0.165	0.010	
-----				
5	3	2	0	5
	2.209	2.524	0.267	
	0.283	0.109	0.267	
	0.600	0.400	0.000	0.024
	0.033	0.019	0.000	
	0.015	0.010	0.000	
-----				
Column Total	91	104	11	206
	0.442	0.505	0.053	
-----				

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 4.583174      d.f. = 8      p = 0.8010553

	y			
x	1	2	3	
1	4	6	0	
2	21	28	4	
3	27	34	5	
4	36	34	2	
5	3	2	0	

Chi-square test between PAQ and Panas.. :

Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"



Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	56	64	8	128
	56.544	64.621	6.835	
	0.005	0.006	0.199	
	0.438	0.500	0.062	0.621
	0.615	0.615	0.727	
	0.272	0.311	0.039	
2	14	28	3	45
	19.879	22.718	2.403	
	1.738	1.228	0.148	
	0.311	0.622	0.067	0.218
	0.154	0.269	0.273	
	0.068	0.136	0.015	
3	21	12	0	33
	14.578	16.660	1.762	
	2.829	1.304	1.762	
	0.636	0.364	0.000	0.160
	0.231	0.115	0.000	
	0.102	0.058	0.000	
Column Total	91	104	11	206
	0.442	0.505	0.053	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 9.21958      d.f. = 4      p = 0.05583933

y			
x	1	2	3
1	56	64	8
2	14	28	3
3	21	12	0

Chi-square test between Total and Panas...1 :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
-----	
N	
Expected N	
Chi-square contribution	
N / Row Total	
N / Col Total	
N / Table Total	
-----	

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
-----	-----	-----	-----
1	8	2	10
	7.718	2.282	
	0.010	0.035	
	0.800	0.200	0.049
	0.050	0.043	
	0.039	0.010	
-----	-----	-----	-----
2	45	8	53
	40.908	12.092	
	0.409	1.385	
	0.849	0.151	0.257
	0.283	0.170	
	0.218	0.039	
-----	-----	-----	-----
3	48	18	66
	50.942	15.058	
	0.170	0.575	
	0.727	0.273	0.320
	0.302	0.383	
	0.233	0.087	
-----	-----	-----	-----
4	55	17	72
	55.573	16.427	
	0.006	0.020	
	0.764	0.236	0.350
	0.346	0.362	
	0.267	0.083	
-----	-----	-----	-----
5	3	2	5
	3.859	1.141	
	0.191	0.647	
	0.600	0.400	0.024
	0.019	0.043	
	0.015	0.010	
-----	-----	-----	-----
Column Total	159	47	206
	0.772	0.228	
-----	-----	-----	-----

Statistics for All Table Factors

Pearson's Chi-squared test

Chi^2 = 3.448179      d.f. = 4      p = 0.4858014

		y
x	1	2
1	8	2
2	45	8
3	48	18
4	55	17
5	3	2

Chi-square test between PAQ and Panas...1 :

Cell Contents	
-----	
N	
Expected N	
Chi-square contribution	
N / Row Total	
N / Col Total	
N / Table Total	
-----	

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]		Row Total
	1	2	
1	93	35	128
	98.796	29.204	
	0.340	1.150	
	0.727	0.273	0.621
	0.585	0.745	
	0.451	0.170	
2	38	7	45
	34.733	10.267	
	0.307	1.040	
	0.844	0.156	0.218
	0.239	0.149	
	0.184	0.034	
3	28	5	33
	25.471	7.529	
	0.251	0.850	
	0.848	0.152	0.160
	0.176	0.106	
	0.136	0.024	
Column Total	159	47	206
	0.772	0.228	
-----			

## Statistics for All Table Factors

## Pearson's Chi-squared test

-----  
Chi^2 = 3.937957      d.f. = 2      p = 0.1395994

	y	
x	1	2
1	93	35
2	38	7
3	28	5

Chi-square test between Total and CBCL :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
N	
Expected N	
Chi-square contribution	
N / Row Total	
N / Col Total	
N / Table Total	
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	1	3	6	10
	1.359	2.718	5.922	
	0.095	0.029	0.001	
	0.100	0.300	0.600	0.049
	0.036	0.054	0.049	
	0.005	0.015	0.029	
2	10	18	25	53
	7.204	14.408	31.388	
	1.085	0.896	1.300	
	0.189	0.340	0.472	0.257
	0.357	0.321	0.205	
	0.049	0.087	0.121	
3	8	20	38	66
	8.971	17.942	39.087	
	0.105	0.236	0.030	
	0.121	0.303	0.576	0.320
	0.286	0.357	0.311	
	0.039	0.097	0.184	
4	9	15	48	72
	9.786	19.573	42.641	
	0.063	1.068	0.674	
	0.125	0.208	0.667	0.350
	0.321	0.268	0.393	
	0.044	0.073	0.233	
5	0	0	5	5
	0.680	1.359	2.961	
	0.680	1.359	1.404	
	0.000	0.000	1.000	0.024
	0.000	0.000	0.041	
	0.000	0.000	0.024	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 9.02541      d.f. = 8      p = 0.3401569

	y			
x	1	2	3	
1	1	3	6	
2	10	18	25	
3	8	20	38	
4	9	15	48	
5	0	0	5	

Chi-square test between PAQ and CBCL :

Warning message in `chisq.test(t, correct = FALSE, ...)`:  
"Chi-squared approximation may be incorrect"

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
1	16	28	84	128
	17.398	34.796	75.806	
	0.112	1.327	0.886	
	0.125	0.219	0.656	0.621
	0.571	0.500	0.689	
	0.078	0.136	0.408	
2	9	21	15	45
	6.117	12.233	26.650	
	1.359	6.283	5.093	
	0.200	0.467	0.333	0.218
	0.321	0.375	0.123	
	0.044	0.102	0.073	
3	3	7	23	33
	4.485	8.971	19.544	
	0.492	0.433	0.611	
	0.091	0.212	0.697	0.160
	0.107	0.125	0.189	
	0.015	0.034	0.112	
Column Total	28	56	122	206
	0.136	0.272	0.592	

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 16.59711      d.f. = 4      p = 0.00231419

y	
x	1 2 3
1	16 28 84
2	9 21 15
3	3 7 23



Chi-square test between Total and PAQ :

```
Warning message in chisq.test(t, correct = FALSE, ...):  
"Chi-squared approximation may be incorrect"
```

Cell Contents	
	-----
	N
	Expected N
	Chi-square contribution
	N / Row Total
	N / Col Total
	N / Table Total
	-----

Total Observations in Table: 206

data[[variable1]]	data[[variable2]]			Row Total
	1	2	3	
-----	-----	-----	-----	-----
1	3	3	4	10
	6.214	2.184	1.602	
	1.662	0.304	3.590	
	0.300	0.300	0.400	0.049
	0.023	0.067	0.121	
	0.015	0.015	0.019	
-----	-----	-----	-----	-----
2	25	20	8	53
	32.932	11.578	8.490	
	1.911	6.127	0.028	
	0.472	0.377	0.151	0.257
	0.195	0.444	0.242	
	0.121	0.097	0.039	
-----	-----	-----	-----	-----
3	47	13	6	66
	41.010	14.417	10.573	
	0.875	0.139	1.978	
	0.712	0.197	0.091	0.320
	0.367	0.289	0.182	
	0.228	0.063	0.029	
-----	-----	-----	-----	-----
4	50	8	14	72
	44.738	15.728	11.534	
	0.619	3.797	0.527	
	0.694	0.111	0.194	0.350
	0.391	0.178	0.424	
	0.243	0.039	0.068	
-----	-----	-----	-----	-----
5	3	1	1	5
	3.107	1.092	0.801	
	0.004	0.008	0.049	
	0.600	0.200	0.200	0.024
	0.023	0.022	0.030	
	0.015	0.005	0.005	
-----	-----	-----	-----	-----
Column Total	128	45	33	206
	0.621	0.218	0.160	
-----	-----	-----	-----	-----

Statistics for All Table Factors

Pearson's Chi-squared test

-----  
Chi^2 = 21.61861      d.f. = 8      p = 0.005673601

	y		
x	1	2	3
1	3	3	4
2	25	20	8
3	47	13	6
4	50	8	14
5	3	1	1

```
In [4]: tab = table(data$PAQ, data$CBCL)
tab

tab2 = tab[1:3, 1:2]
tab2

#
chisq.test(tab2)
# chi-squared = 0.44389, df = 2, p-value = 0.801

attach(data)
table(PAQ, BFI..E.)
chisq.test(table(PAQ, BFI..E.))
# chi-squared = 3.7016, df = 4, p-value = 0.4479

table(PAQ, BFI..A.)
chisq.test(table(PAQ, BFI..A.))
# chi-squared = 10.057, df = 4, p-value = 0.03947

table(PAQ, BFI..C.)
chisq.test(table(PAQ, BFI..C.))
# chi-squared = 2.6256, df = 4, p-value = 0.6223

table(PAQ, BFI..N.)
chisq.test(table(PAQ, BFI..N.))
# chi-squared = 4.3096, df = 4, p-value = 0.3657

table(PAQ, BFI..O.)
chisq.test(table(PAQ, BFI..O.))
# chi-squared = 4.2772, df = 2, p-value = 0.1178

# Perform chi-square test
chi_square_result <- chisq.test(data)

# Print the chi-square test result
cat("Chi-square Test Result:\n")
print(chi_square_result)

install.packages("coin")
library(coin)
```

```
table(PAQ, BFI..O.)
chisq.test(table(PAQ, BFI..O.))
```

```
table(PAQ, BFI..O.)
chisq_test(table(PAQ, BFI..O.))
```

```
      1  2  3
1 16 28 84
2  9 21 15
3  3  7 23
```

```
      1  2
1 16 28
2  9 21
3  3  7
```

```
Warning message in chisq.test(tab2):
"Chi-squared approximation may be incorrect"
Pearson's Chi-squared test
```

```
data: tab2
X-squared = 0.38182, df = 2, p-value = 0.8262
BFI..E.
PAQ  1  2  3
  1 24 96  8
  2  3 39  3
  3  5 27  1
```

```
Warning message in chisq.test(table(PAQ, BFI..E.)):
"Chi-squared approximation may be incorrect"
Pearson's Chi-squared test
```

```
data: table(PAQ, BFI..E.)
X-squared = 4.2967, df = 4, p-value = 0.3673
BFI..A.
PAQ  1  2  3
  1 59 68  1
  2  6 35  4
  3 11 20  2
```

```
Warning message in chisq.test(table(PAQ, BFI..A.)):
"Chi-squared approximation may be incorrect"
Pearson's Chi-squared test
```

```
data: table(PAQ, BFI..A.)
X-squared = 20.475, df = 4, p-value = 0.0004023
BFI..C.
PAQ  1  2  3
  1 50 76  2
  2 11 34  0
  3 12 21  0
```

```
Warning message in chisq.test(table(PAQ, BFI..C.)):
"Chi-squared approximation may be incorrect"
Pearson's Chi-squared test
```

```
data: table(PAQ, BFI..C.)
X-squared = 4.6067, df = 4, p-value = 0.3301
```

```

      BFI..N.
PAQ   1   2   3
     1   8  85  35
     2   3  36   6
     3   0  18  15

```

```

Warning message in chisq.test(table(PAQ, BFI..N.)):
"Chi-squared approximation may be incorrect"
      Pearson's Chi-squared test

```

```

data:  table(PAQ, BFI..N.)
X-squared = 11.224, df = 4, p-value = 0.02416
      BFI..O.
PAQ   1   2   3
     1  13 109   6
     2   2  36   7
     3   2  31   0

```

```

Warning message in chisq.test(table(PAQ, BFI..O.)):
"Chi-squared approximation may be incorrect"
      Pearson's Chi-squared test

```

```

data:  table(PAQ, BFI..O.)
X-squared = 10.693, df = 4, p-value = 0.03025

```

```

Warning message in chisq.test(data):
"Chi-squared approximation may be incorrect"
Chi-square Test Result:

```

```

      Pearson's Chi-squared test

```

```

data:  data
X-squared = 992.98, df = 2665, p-value = 1

```

```

also installing the dependencies 'TH.data', 'sandwich', 'libcoin', 'matrixStats',
's', 'modeltools', 'mvtnorm', 'multcomp'

```

```

Updating HTML index of packages in '.Library'

```

```

Making 'packages.html' ...
done

```

```

Loading required package: survival

```

```

      BFI..O.
PAQ   1   2   3
     1  13 109   6
     2   2  36   7
     3   2  31   0

```

```

Warning message in chisq.test(table(PAQ, BFI..O.)):
"Chi-squared approximation may be incorrect"
      Pearson's Chi-squared test

```

```

data:  table(PAQ, BFI..O.)
X-squared = 10.693, df = 4, p-value = 0.03025

```

```

      BFI..O.
PAQ   1   2   3
     1  13 109   6
     2   2  36   7
     3   2  31   0

```

## Asymptotic Pearson Chi-Squared Test

data: BFI..O. by PAQ (1, 2, 3)  
 chi-squared = 10.693, df = 4, p-value = 0.03025

```
In [1]: #Chi-sq test Code3

# Load the required packages
install.packages("psych")
install.packages("igraph")
install.packages("corrplot")
install.packages("ggplot2")

library(ggplot2)
library(psych)
library(igraph)
library(corrplot)

# Read the CSV file
data <- read.csv("Complete_Data_Modified.csv")

# Calculate the correlation matrix
cor_matrix <- cor(data)

# Convert the correlation matrix to a data frame
cor_df <- as.data.frame(cor_matrix)

# Print and save the correlation data frame
cat("The Correlation Matrix is as follows\n\n")
print(cor_df)
write.csv(cor_df , "Correlation_matrix_Type_1.csv")

#Chi-Square tests

View(data)
names(data)

tab = table(data$PAQ, data$CBCL)
tab

tab2 = tab[1:3, 1:2]
tab2

chisq.test(tab2)

attach(data)
table(PAQ, BFI..E.)
chisq.test(table(PAQ, BFI..E.))

table(PAQ, BFI..A.)
chisq.test(table(PAQ, BFI..A.))
```

```
table(PAQ, BFI..C.)
chisq.test(table(PAQ, BFI..C.))

table(PAQ, BFI..N.)
chisq.test(table(PAQ, BFI..N.))

table(PAQ, BFI..O.)
chisq.test(table(PAQ, BFI..O.))

attach(data)
table(PAQ, EI..Self.A.)
chisq.test(table(PAQ, EI..Self.A.))

attach(data)
table(PAQ, EI..Self.M.)
chisq.test(table(PAQ, EI..Self.M.))

attach(data)
table(PAQ, EI..Social.A.)
chisq.test(table(PAQ, EI..Social.A.))

attach(data)
table(PAQ, EI..RM.)
chisq.test(table(PAQ, EI..RM.))

attach(data)
table(PAQ, Total)
chisq.test(table(PAQ, Total))

attach(data)
table(PAQ, CBCL)
chisq.test(table(PAQ, CBCL))

attach(data)
table(PAQ, Panas...1)
chisq.test(table(PAQ, Panas...1))

attach(data)
table(PAQ, Panas..)
chisq.test(table(PAQ, Panas..))
```

```
also installing the dependency 'mnormt'
```

```
Updating HTML index of packages in '.Library'
```

```
Making 'packages.html' ...  
done
```

```
also installing the dependency 'cpp11'
```

```
Updating HTML index of packages in '.Library'
```

```
Making 'packages.html' ...  
done
```

```
Updating HTML index of packages in '.Library'
```

```
Making 'packages.html' ...  
done
```

```
Updating HTML index of packages in '.Library'
```

```
Making 'packages.html' ...  
done
```

```
Attaching package: 'psych'
```

```
The following objects are masked from 'package:ggplot2':
```

```
  %+%, alpha
```

```
Attaching package: 'igraph'
```

```
The following objects are masked from 'package:stats':
```

```
  decompose, spectrum
```

```
The following object is masked from 'package:base':
```

```
  union
```

```
corrplot 0.92 loaded
```



The Correlation Matrix is as follows

	Panas..	Panas...1	BFI..E.	BFI..A.	BFI..C.
Panas..	1.000000000	0.004976237	0.02257458	0.15655722	0.007135482
Panas...1	0.004976237	1.000000000	-0.11358984	0.01593453	0.074719407
BFI..E.	0.022574579	-0.113589839	1.000000000	0.12554826	0.175854200
BFI..A.	0.156557219	0.015934526	0.12554826	1.000000000	0.458433415
BFI..C.	0.007135482	0.074719407	0.17585420	0.45843341	1.000000000
BFI..N.	-0.039639774	0.016095783	-0.15562379	-0.25510737	-0.344024309
BFI..O.	0.183342480	-0.033004200	0.12999692	0.32269185	0.144568189
EI..Self.A.	-0.049266814	0.048606188	-0.01528600	-0.18742956	-0.108389046
EI..Self.M.	-0.027850760	0.097551389	-0.19433882	-0.36660106	-0.357940924
EI..Social.A.	-0.112531521	0.178402202	-0.08398124	-0.18924660	-0.170716978
EI..RM.	-0.141209616	-0.025788158	-0.14117802	-0.25067721	-0.215520281
Total	-0.100539347	0.084885730	-0.12626935	-0.31370918	-0.278500637
PAQ	-0.108510489	-0.127684743	0.03955116	0.20506812	0.042329232
CBCL	-0.246609985	0.073048823	-0.02791811	-0.21868532	-0.198486605
	BFI..N.	BFI..O.	EI..Self.A.	EI..Self.M.	EI..Social.A.
Panas..	-0.03963977	0.18334248	-0.04926681	-0.02785076	-0.11253152
Panas...1	0.01609578	-0.03300420	0.04860619	0.09755139	0.17840220
BFI..E.	-0.15562379	0.12999692	-0.01528600	-0.19433882	-0.08398124
BFI..A.	-0.25510737	0.32269185	-0.18742956	-0.36660106	-0.18924660
BFI..C.	-0.34402431	0.14456819	-0.10838905	-0.35794092	-0.17071698
BFI..N.	1.00000000	-0.07558528	0.08363872	0.27343369	0.01056771
BFI..O.	-0.07558528	1.00000000	-0.16001812	-0.38758480	-0.15898155
EI..Self.A.	0.08363872	-0.16001812	1.00000000	0.39977917	0.38463318
EI..Self.M.	0.27343369	-0.38758480	0.39977917	1.00000000	0.46361830
EI..Social.A.	0.01056771	-0.15898155	0.38463318	0.46361830	1.00000000
EI..RM.	0.10043806	-0.21364264	0.42235422	0.47879346	0.62833727
Total	0.19501126	-0.32056477	0.55337264	0.77688249	0.74824117
PAQ	0.10693029	0.05328493	-0.06686602	-0.12754727	-0.17630831
CBCL	0.15930726	-0.14440048	0.06279721	0.15516860	0.08156107
	EI..RM.	Total	PAQ	CBCL	
Panas..	-0.14120962	-0.10053935	-0.10851049	-0.24660998	
Panas...1	-0.02578816	0.08488573	-0.12768474	0.07304882	
BFI..E.	-0.14117802	-0.12626935	0.03955116	-0.02791811	
BFI..A.	-0.25067721	-0.31370918	0.20506812	-0.21868532	
BFI..C.	-0.21552028	-0.27850064	0.04232923	-0.19848660	
BFI..N.	0.10043806	0.19501126	0.10693029	0.15930726	
BFI..O.	-0.21364264	-0.32056477	0.05328493	-0.14440048	
EI..Self.A.	0.42235422	0.55337264	-0.06686602	0.06279721	
EI..Self.M.	0.47879346	0.77688249	-0.12754727	0.15516860	
EI..Social.A.	0.62833727	0.74824117	-0.17630831	0.08156107	
EI..RM.	1.00000000	0.75675593	-0.09206791	0.07677617	
Total	0.75675593	1.00000000	-0.14175164	0.14147261	
PAQ	-0.09206791	-0.14175164	1.00000000	-0.04150933	
CBCL	0.07677617	0.14147261	-0.04150933	1.00000000	

A data.frame: 206 × 14

Panas..	Panas...1	BFI..E.	BFI..A.	BFI..C.	BFI..N.	BFI..O.	El..Self.A.	El..Self.M.	El..Social.A.	El.
<int>	<int>	<int>	<int>	<int>	<int>	<int>	<int>	<int>	<int>	<
1	1	2	1	1	2	2	82	85	90	
1	2	2	2	2	2	1	76	71	76	
2	2	2	2	2	2	2	82	73	74	
2	1	2	2	2	2	2	85	78	70	
3	1	2	2	2	2	2	73	73	77	
1	2	1	1	2	3	1	89	87	93	
1	2	3	1	2	3	2	76	82	88	
2	1	3	2	2	2	2	90	52	68	
1	1	2	2	2	1	2	77	74	79	
2	1	2	2	2	2	2	86	65	81	
1	1	2	2	2	2	2	82	62	76	
1	1	2	2	2	2	2	74	65	68	
2	1	1	2	1	3	2	73	80	72	
1	1	2	1	2	2	2	85	58	76	
2	2	1	1	1	2	2	85	76	88	
1	1	2	1	1	2	2	77	68	65	
2	1	2	1	2	2	2	83	73	68	
1	1	2	1	1	2	1	83	87	96	
2	1	2	2	1	1	2	73	49	65	
2	1	1	1	2	2	1	86	80	81	
2	1	2	2	2	2	2	82	85	88	
1	1	2	1	2	3	2	76	80	88	
2	1	1	1	1	3	1	86	94	88	
2	1	3	2	2	2	2	79	65	72	
1	1	2	2	1	2	2	86	65	93	
1	1	3	2	2	3	2	96	37	74	
2	1	2	1	1	2	2	74	71	79	
3	1	2	1	1	3	2	89	75	79	
1	1	2	2	2	2	2	77	80	88	
2	2	1	1	1	3	2	85	94	96	
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	
2	1	2	3	2	3	2	89	62	88	
2	2	2	2	2	2	2	90	75	68	

Panas..	Panas...1	BFI..E.	BFI..A.	BFI..C.	BFI..N.	BFI..O.	El..Self.A.	El..Self.M.	El..Social.A.	El..
<int>	<int>	<int>	<int>	<int>	<int>	<int>	<int>	<int>	<int>	<
2	1	2	2	2	2	3	74	36	81	
2	1	2	2	2	1	2	72	49	76	
2	2	2	2	1	3	2	79	62	62	
2	2	2	2	2	2	2	85	93	93	
2	2	2	3	2	2	2	46	49	88	
2	2	2	2	2	2	3	67	45	64	
2	2	2	2	2	2	2	77	74	72	
2	1	2	2	2	2	3	83	78	70	
2	2	2	3	2	2	2	76	68	68	
2	1	2	2	2	1	3	76	40	74	
2	1	2	2	2	1	2	67	49	74	
2	2	2	3	2	2	2	77	71	70	
3	1	2	3	2	3	3	77	37	77	
2	2	2	2	2	2	2	85	62	90	
2	1	2	3	2	2	3	67	68	74	
2	2	2	2	2	2	2	79	73	88	
2	1	2	2	3	2	3	79	62	77	
2	2	2	2	2	1	2	76	74	88	
2	2	2	2	2	3	2	79	78	79	
2	2	1	1	2	2	2	85	85	81	
2	2	2	1	2	3	2	79	78	81	
2	2	3	2	3	2	2	77	62	79	
2	1	2	1	1	3	2	67	62	70	
2	2	1	2	2	2	2	70	76	79	
2	1	2	2	2	1	2	83	91	81	
2	2	2	2	2	2	2	85	80	81	
2	1	2	2	2	3	2	79	96	77	
2	1	2	1	2	2	2	76	73	90	

'Panas..' · 'Panas...1' · 'BFI..E.' · 'BFI..A.' · 'BFI..C.' · 'BFI..N.' · 'BFI..O.' · 'El..Self.A.' · 'El..Self.M.' · 'El..Social.A.' · 'El..RM.' · 'Total' · 'PAQ' · 'CBCL'

1 2 3  
1 16 28 84  
2 9 21 15  
3 3 7 23

```

1 2
1 16 28
2 9 21
3 3 7

```

```

Warning message in chisq.test(tab2):
"Chi-squared approximation may be incorrect"
Pearson's Chi-squared test

```

```

data: tab2
X-squared = 0.38182, df = 2, p-value = 0.8262
BFI..E.
PAQ 1 2 3
1 24 96 8
2 3 39 3
3 5 27 1

```

```

Warning message in chisq.test(table(PAQ, BFI..E.)):
"Chi-squared approximation may be incorrect"
Pearson's Chi-squared test

```

```

data: table(PAQ, BFI..E.)
X-squared = 4.2967, df = 4, p-value = 0.3673
BFI..A.
PAQ 1 2 3
1 59 68 1
2 6 35 4
3 11 20 2

```

```

Warning message in chisq.test(table(PAQ, BFI..A.)):
"Chi-squared approximation may be incorrect"
Pearson's Chi-squared test

```

```

data: table(PAQ, BFI..A.)
X-squared = 20.475, df = 4, p-value = 0.0004023
BFI..C.
PAQ 1 2 3
1 50 76 2
2 11 34 0
3 12 21 0

```

```

Warning message in chisq.test(table(PAQ, BFI..C.)):
"Chi-squared approximation may be incorrect"
Pearson's Chi-squared test

```

```

data: table(PAQ, BFI..C.)
X-squared = 4.6067, df = 4, p-value = 0.3301
BFI..N.
PAQ 1 2 3
1 8 85 35
2 3 36 6
3 0 18 15

```

```

Warning message in chisq.test(table(PAQ, BFI..N.)):
"Chi-squared approximation may be incorrect"
Pearson's Chi-squared test

```

```

data: table(PAQ, BFI..N.)
X-squared = 11.224, df = 4, p-value = 0.02416

```

```

BFI..O.
PAQ  1  2  3
1  13 109  6
2   2  36  7
3   2  31  0

```

```

Warning message in chisq.test(table(PAQ, BFI..O.)):
"Chi-squared approximation may be incorrect"
Pearson's Chi-squared test

```

```

data: table(PAQ, BFI..O.)
X-squared = 10.693, df = 4, p-value = 0.03025

```

The following objects are masked from data (pos = 3):

```

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,
Total

```

```

EI..Self.A.
PAQ 46 58 61 64 67 70 72 73 74 76 77 79 82 83 85 86 89 90 92 94 96 98
1  0  1  0  2  4  5  6 12 13 12 13 14 12  5  9  8  7  1  4  0  0  0
2  0  0  1  1  3  2  3  4  3  2  5  4  4  3  5  2  0  3  0  0  0  0
3  1  3  1  0  0  0  1  4  3  3  2  1  5  2  2  0  1  1  0  1  1  1

```

```

Warning message in chisq.test(table(PAQ, EI..Self.A.)):
"Chi-squared approximation may be incorrect"
Pearson's Chi-squared test

```

```

data: table(PAQ, EI..Self.A.)
X-squared = 58.492, df = 42, p-value = 0.04676

```

The following objects are masked from data (pos = 3):

```

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,
Total

```

The following objects are masked from data (pos = 4):

```

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,
Total

```

```

EI..Self.M.
PAQ 36 37 39 40 45 49 52 55 58 62 65 68 71 73 74 75 76 78 80 82 85 87 91 92 93
1  0  0  0  2  1  4  5  3  4 12  7  8  7  9  8  9  8  8  8  5  9  4  3  1  1
2  1  1  0  1  3  3  4  3  1  3  3  2  4  5  0  2  2  2  0  0  1  0  1  0  1
3  0  1  1  0  1  2  1  0  3  0  2  4  0  1  1  3  3  0  5  0  2  1  0  0  1
EI..Self.M.
PAQ 94 96 99
1  0  1  1
2  1  1  0
3  1  0  0

```

```

Warning message in chisq.test(table(PAQ, EI..Self.M.)):
"Chi-squared approximation may be incorrect"

```

## Pearson's Chi-squared test

```
data: table(PAQ, EI..Self.M.)
```

```
X-squared = 63.523, df = 54, p-value = 0.176
```

The following objects are masked from data (pos = 3):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,
Total
```

The following objects are masked from data (pos = 4):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,
Total
```

The following objects are masked from data (pos = 5):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,
Total
```

```
EI..Social.A.
```

```
PAQ 32 40 47 58 62 64 65 68 70 72 74 76 77 79 81 88 90 92 93 96
  1  1  0  0  1  3  3  6  5  4  9 10 12 15 12 13 20  6  4  3  1
  2  0  0  0  0  1  2  3  7  8  4  3  5  4  2  1  3  0  0  2  0
  3  0  1  1  0  1  1  0  3  3  2  2  5  5  2  2  2  1  0  1  1
```

```
Warning message in chisq.test(table(PAQ, EI..Social.A.)):
"Chi-squared approximation may be incorrect"
```

```
Pearson's Chi-squared test
```

```
data: table(PAQ, EI..Social.A.)
```

```
X-squared = 46.983, df = 38, p-value = 0.1506
```

The following objects are masked from data (pos = 3):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

The following objects are masked from data (pos = 4):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

The following objects are masked from data (pos = 5):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

The following objects are masked from data (pos = 6):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

```

EI..RM.
PAQ 30 43 48 50 53 56 57 59 61 65 67 70 71 73 75 77 78 80 83 84 86 87 89 91 93
  1  1  0  2  1  3  3  4  7  6  5  5  9 13  8 10 13  8  6  6  4  4  3  3  2  1
  2  0  1  1  3  2  1  2  3  7  2  2  4  1  1  2  3  2  5  0  0  0  0  2  0  0
  3  0  0  1  1  1  2  0  3  1  2  0  3  3  0  5  4  1  0  0  1  1  2  1  0  0
EI..RM.
PAQ 95 96 100
  1  0  0  1
  2  1  0  0
  3  0  1  0

```

Warning message in `chisq.test(table(PAQ, EI..RM.))`:

"Chi-squared approximation may be incorrect"

Pearson's Chi-squared test

data: `table(PAQ, EI..RM.)`

X-squared = 56.822, df = 54, p-value = 0.3704

The following objects are masked from data (pos = 3):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

The following objects are masked from data (pos = 4):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

The following objects are masked from data (pos = 5):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

The following objects are masked from data (pos = 6):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

The following objects are masked from data (pos = 7):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

```
Total
PAQ  1  2  3  4  5
  1  3 25 47 50  3
  2  3 20 13  8  1
  3  4  8  6 14  1
```

Warning message in `chisq.test(table(PAQ, Total))`:

“Chi-squared approximation may be incorrect”

Pearson's Chi-squared test

data: `table(PAQ, Total)`

X-squared = 21.619, df = 8, p-value = 0.005674



The following objects are masked from data (pos = 3):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,
Total
```

The following objects are masked from data (pos = 4):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,
Total
```

The following objects are masked from data (pos = 5):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,
Total
```

The following objects are masked from data (pos = 6):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,
Total
```

The following objects are masked from data (pos = 7):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,
Total
```

The following objects are masked from data (pos = 8):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,
Total
```

CBCL

```
PAQ  1  2  3
     1 16 28 84
     2  9 21 15
     3  3  7 23
```

Warning message in `chisq.test(table(PAQ, CBCL))`:

“Chi-squared approximation may be incorrect”

Pearson's Chi-squared test

data: `table(PAQ, CBCL)`

X-squared = 16.597, df = 4, p-value = 0.002314

The following objects are masked from data (pos = 3):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas.., Panas...1, PAQ,
Total
```

The following objects are masked from data (pos = 4):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas.., Panas...1, PAQ,
Total
```

The following objects are masked from data (pos = 5):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas.., Panas...1, PAQ,
Total
```

The following objects are masked from data (pos = 6):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas.., Panas...1, PAQ,
Total
```

The following objects are masked from data (pos = 7):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas.., Panas...1, PAQ,
Total
```

The following objects are masked from data (pos = 8):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas.., Panas...1, PAQ,
Total
```

The following objects are masked from data (pos = 9):

```
BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,
EI..Self.A., EI..Self.M., EI..Social.A., Panas.., Panas...1, PAQ,
Total
```

Panas...1

```
PAQ  1  2
      1 93 35
      2 38  7
      3 28  5
```

Pearson's Chi-squared test

```
data: table(PAQ, Panas...1)
```

```
X-squared = 3.938, df = 2, p-value = 0.1396
```

The following objects are masked from data (pos = 3):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

The following objects are masked from data (pos = 4):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

The following objects are masked from data (pos = 5):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

The following objects are masked from data (pos = 6):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

The following objects are masked from data (pos = 7):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

The following objects are masked from data (pos = 8):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

The following objects are masked from data (pos = 9):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

The following objects are masked from data (pos = 10):

BFI..A., BFI..C., BFI..E., BFI..N., BFI..O., CBCL, EI..RM.,  
EI..Self.A., EI..Self.M., EI..Social.A., Panas., Panas...1, PAQ,  
Total

```
      Panas..  
PAQ   1   2   3  
  1  56  64   8  
  2  14  28   3  
  3  21  12   0
```

```
Warning message in chisq.test(table(PAQ, Panas..)):  
"Chi-squared approximation may be incorrect"  
      Pearson's Chi-squared test
```

```
data:  table(PAQ, Panas..)
```

In [ ]: