**Cross Tabulation Report**

Dataset D:\Consult\CPUT\2022\Lara le Roux\Results CTGFWS HWFF V2.NCSS

Row Variable Attendedwith Attended with

Column Variable Type

**Tests for Row-Column Independence (Attendedwith Attended with by Type) ─**

H0: "Attendedwith Attended with" and "Type" are independent.

H1: "Attendedwith Attended with" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 4.761 5 0.4457 No

Likelihood Ratio 2-Sided 4.789 5 0.4422 No

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Other Other/ Specify by Type)**

Tests cannot be computed for 1×2 tables.

**Tests for Row-Column Independence (Groupsize Group size by Type) ─**

H0: "Groupsize Group size" and "Type" are independent.

H1: "Groupsize Group size" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 11.362 3 0.0099 Yes

Likelihood Ratio 2-Sided 11.707 3 0.0085 Yes

**Tests for Row-Column Independence (Morethan5 Specify by Type) ─**

H0: "Morethan5 Specify" and "Type" are independent.

H1: "Morethan5 Specify" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 15.683 10 0.1091 No

Likelihood Ratio 2-Sided 20.094 10 0.0284 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Province Province by Type) ─**

H0: "Province Province" and "Type" are independent.

H1: "Province Province" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 22.055 9 0.0087 Yes

Likelihood Ratio 2-Sided 31.027 9 0.0003 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Town Western Cape Town by Type)**

H0: "Town Western Cape Town" and "Type" are independent.

H1: "Town Western Cape Town" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 249.358 69 0.0000 Yes

Likelihood Ratio 2-Sided 315.253 69 0.0000 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Other\_Country Foreign country by Type)**

H0: "Other\_Country Foreign country" and "Type" are independent.

H1: "Other\_Country Foreign country" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 23.236 15 0.0793 No

Likelihood Ratio 2-Sided 31.651 15 0.0072 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Regularlyattend Regularly attend by Type) ─**

H0: "Regularlyattend Regularly attend" and "Type" are independent.

H1: "Regularlyattend Regularly attend" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 1.159 3 0.7628 No

Likelihood Ratio 2-Sided 1.533 3 0.6746 No

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Ifyes How many by Type) ─**

H0: "Ifyes How many" and "Type" are independent.

H1: "Ifyes How many" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 177.369 12 0.0000 Yes

Likelihood Ratio 2-Sided 220.294 12 0.0000 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Decisionmade Decision made by Type) ─**

H0: "Decisionmade Decision made" and "Type" are independent.

H1: "Decisionmade Decision made" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 7.592 3 0.0552 No

Likelihood Ratio 2-Sided 7.605 3 0.0549 No

**Tests for Row-Column Independence (Other\_Date Specify by Type)**

H0: "Other\_Date Specify" and "Type" are independent.

H1: "Other\_Date Specify" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 24.995 21 0.2474 No

Likelihood Ratio 2-Sided 34.623 21 0.0310 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Timesattended Times attended by Type) ─**

H0: "Timesattended Times attended" and "Type" are independent.

H1: "Timesattended Times attended" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 5.452 3 0.1415 No

Likelihood Ratio 2-Sided 6.548 3 0.0878 No

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Morethan10 Specify by Type)**

H0: "Morethan10 Specify" and "Type" are independent.

H1: "Morethan10 Specify" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 0

Likelihood Ratio 2-Sided 0

**Tests for Row-Column Independence (Wine Wine tasting by Type) ─**

H0: "Wine Wine tasting" and "Type" are independent.

H1: "Wine Wine tasting" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 174.250 11 0.0000 Yes

Likelihood Ratio 2-Sided 233.565 11 0.0000 Yes

† WARNING: At least one cell had a value less than 5.

**Tests for Row-Column Independence (Food Food tasting by Type) ─**

H0: "Food Food tasting" and "Type" are independent.

H1: "Food Food tasting" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 321.000 11 0.0000 Yes

Likelihood Ratio 2-Sided 155.126 11 0.0000 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Consumer Consumer products by Type) ─**

H0: "Consumer Consumer products" and "Type" are independent.

H1: "Consumer Consumer products" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 536.836 26 0.0000 Yes

Likelihood Ratio 2-Sided 688.207 26 0.0000 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (otherstands Specify by Type)**

H0: "otherstands Specify" and "Type" are independent.

H1: "otherstands Specify" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 28.000 24 0.2600 No

Likelihood Ratio 2-Sided 38.673 24 0.0295 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Marketing1 Event marketing by Type) ─**

H0: "Marketing1 Event marketing" and "Type" are independent.

H1: "Marketing1 Event marketing" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 473.146 8 0.0000 Yes

Likelihood Ratio 2-Sided 600.039 8 0.0000 Yes

† WARNING: At least one cell had a value less than 5.

**Tests for Row-Column Independence (Marketing2 Event marketing by Type) ─**

H0: "Marketing2 Event marketing" and "Type" are independent.

H1: "Marketing2 Event marketing" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 123.000 9 0.0000 Yes

Likelihood Ratio 2-Sided 146.912 9 0.0000 Yes

† WARNING: At least one cell had a value less than 5.

**Tests for Row-Column Independence (Marketing3 Event marketing by Type) ─**

H0: "Marketing3 Event marketing" and "Type" are independent.

H1: "Marketing3 Event marketing" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 50.000 5 0.0000 Yes

Likelihood Ratio 2-Sided 68.029 5 0.0000 Yes

† WARNING: At least one cell had a value less than 5.

**Tests for Row-Column Independence (Marketing4 Event marketing by Type) ─**

H0: "Marketing4 Event marketing" and "Type" are independent.

H1: "Marketing4 Event marketing" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 16.000 7 0.0251 Yes

Likelihood Ratio 2-Sided 19.875 7 0.0058 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Marketing5 Event marketing by Type) ─**

H0: "Marketing5 Event marketing" and "Type" are independent.

H1: "Marketing5 Event marketing" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 0

Likelihood Ratio 2-Sided 0

**Tests for Row-Column Independence (Marketing6 Event marketing by Type) ─**

H0: "Marketing6 Event marketing" and "Type" are independent.

H1: "Marketing6 Event marketing" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 0

Likelihood Ratio 2-Sided 0

**Tests for Row-Column Independence (Marketing7 Event marketing by Type) ─**

H0: "Marketing7 Event marketing" and "Type" are independent.

H1: "Marketing7 Event marketing" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 0

Likelihood Ratio 2-Sided 0

**Tests for Row-Column Independence (Other\_Marketeting Specify by Type)**

H0: "Other\_Marketeting Specify" and "Type" are independent.

H1: "Other\_Marketeting Specify" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 0

Likelihood Ratio 2-Sided 0

**Tests for Row-Column Independence (Socialmedia Social media by Type)**

H0: "Socialmedia Social media" and "Type" are independent.

H1: "Socialmedia Social media" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 0

Likelihood Ratio 2-Sided 0

**Tests for Row-Column Independence (Facebook Facebook by Type)**

H0: "Facebook Facebook" and "Type" are independent.

H1: "Facebook Facebook" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 0

Likelihood Ratio 2-Sided 0

**Tests for Row-Column Independence (Twitter Twitter by Type)**

H0: "Twitter Twitter" and "Type" are independent.

H1: "Twitter Twitter" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 0

Likelihood Ratio 2-Sided 0

**Tests for Row-Column Independence (Other\_Media Specify by Type) ─**

H0: "Other\_Media Specify" and "Type" are independent.

H1: "Other\_Media Specify" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 0

Likelihood Ratio 2-Sided 0

**Tests for Row-Column Independence (Organising Well organised event by Type) ─**

H0: "Organising Well organised event" and "Type" are independent.

H1: "Organising Well organised event" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 17.487 4 0.0016 Yes

Likelihood Ratio 2-Sided 17.894 4 0.0013 Yes

**Tests for Row-Column Independence (Improvement Improves annually by Type)**

H0: "Improvement Improves annually" and "Type" are independent.

H1: "Improvement Improves annually" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 36.663 4 0.0000 Yes

Likelihood Ratio 2-Sided 37.206 4 0.0000 Yes

**Tests for Row-Column Independence (Accessiblility Info not readily available by Type)**

H0: "Accessiblility Info not readily available" and "Type" are independent.

H1: "Accessiblility Info not readily available" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 52.396 4 0.0000 Yes

Likelihood Ratio 2-Sided 52.912 4 0.0000 Yes

**Tests for Row-Column Independence (Prices Reasonable prices by Type)**

H0: "Prices Reasonable prices" and "Type" are independent.

H1: "Prices Reasonable prices" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 23.886 4 0.0001 Yes

Likelihood Ratio 2-Sided 23.923 4 0.0001 Yes

**Tests for Row-Column Independence (Impact Positive economic impact by Type) ─**

H0: "Impact Positive economic impact" and "Type" are independent.

H1: "Impact Positive economic impact" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 7.126 5 0.2115 No

Likelihood Ratio 2-Sided 7.520 5 0.1847 No

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Different Unique,not other like in Cape Town by Type)**

H0: "Different Unique,not other like in Cape Town" and "Type" are independent.

H1: "Different Unique,not other like in Cape Town" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 4.514 4 0.3408 No

Likelihood Ratio 2-Sided 4.499 4 0.3427 No

**Tests for Row-Column Independence (Liveshows Live shows met my expectations by Type)**

H0: "Liveshows Live shows met my expectations" and "Type" are independent.

H1: "Liveshows Live shows met my expectations" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 6.375 4 0.1728 No

Likelihood Ratio 2-Sided 6.346 4 0.1747 No

**Tests for Row-Column Independence (Exhibitors Exhibitors were of high standards by Type) ─**

H0: "Exhibitors Exhibitors were of high standards" and "Type" are independent.

H1: "Exhibitors Exhibitors were of high standards" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 17.449 4 0.0016 Yes

Likelihood Ratio 2-Sided 17.623 4 0.0015 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Venue Ideal venue by Type) ─**

H0: "Venue Ideal venue" and "Type" are independent.

H1: "Venue Ideal venue" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 33.859 4 0.0000 Yes

Likelihood Ratio 2-Sided 35.135 4 0.0000 Yes

**Tests for Row-Column Independence (Expectations All expectations met by Type) ─**

H0: "Expectations All expectations met" and "Type" are independent.

H1: "Expectations All expectations met" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 24.803 4 0.0001 Yes

Likelihood Ratio 2-Sided 25.075 4 0.0000 Yes

**Tests for Row-Column Independence (Staff Friendly and professional staff by Type) ─**

H0: "Staff Friendly and professional staff" and "Type" are independent.

H1: "Staff Friendly and professional staff" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 28.605 4 0.0000 Yes

Likelihood Ratio 2-Sided 29.466 4 0.0000 Yes

**Tests for Row-Column Independence (Parking Adequate parking by Type)**

H0: "Parking Adequate parking" and "Type" are independent.

H1: "Parking Adequate parking" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 5.977 4 0.2009 No

Likelihood Ratio 2-Sided 5.944 4 0.2034 No

**Tests for Row-Column Independence (Signange Not sufficient signage by Type)**

H0: "Signange Not sufficient signage" and "Type" are independent.

H1: "Signange Not sufficient signage" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 34.674 4 0.0000 Yes

Likelihood Ratio 2-Sided 34.988 4 0.0000 Yes

**Tests for Row-Column Independence (Chefs To see live shows by celebrity chefs by Type) ─**

H0: "Chefs To see live shows by celebrity chefs" and "Type" are independent.

H1: "Chefs To see live shows by celebrity chefs" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 46.618 13 0.0000 Yes

Likelihood Ratio 2-Sided 48.515 13 0.0000 Yes

† WARNING: At least one cell had a value less than 5.

**Tests for Row-Column Independence (Relaxation To relax and enjoy different environment by Type) ─**

H0: "Relaxation To relax and enjoy different environment" and "Type" are independent.

H1: "Relaxation To relax and enjoy different environment" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 27.324 13 0.0112 Yes

Likelihood Ratio 2-Sided 27.523 13 0.0105 Yes

† WARNING: At least one cell had a value less than 5.

**Tests for Row-Column Independence (Togetherness Spend time with family and friends by Type)**

H0: "Togetherness Spend time with family and friends" and "Type" are independent.

H1: "Togetherness Spend time with family and friends" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 14.845 13 0.3171 No

Likelihood Ratio 2-Sided 14.942 13 0.3110 No

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Tastewine Wine tasting by Type)**

H0: "Tastewine Wine tasting" and "Type" are independent.

H1: "Tastewine Wine tasting" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 57.465 14 0.0000 Yes

Likelihood Ratio 2-Sided 60.856 14 0.0000 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Enjoyfood Enjoy food by Type) ─**

H0: "Enjoyfood Enjoy food" and "Type" are independent.

H1: "Enjoyfood Enjoy food" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 47.749 13 0.0000 Yes

Likelihood Ratio 2-Sided 50.083 13 0.0000 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Socialisation Meet people with similar interests by Type)**

H0: "Socialisation Meet people with similar interests" and "Type" are independent.

H1: "Socialisation Meet people with similar interests" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 39.676 13 0.0002 Yes

Likelihood Ratio 2-Sided 41.354 13 0.0001 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Promotions Buy promotional items by Type)**

H0: "Promotions Buy promotional items" and "Type" are independent.

H1: "Promotions Buy promotional items" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 49.614 13 0.0000 Yes

Likelihood Ratio 2-Sided 50.667 13 0.0000 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Unique Unique event in Cape Town by Type)**

H0: "Unique Unique event in Cape Town" and "Type" are independent.

H1: "Unique Unique event in Cape Town" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 28.879 13 0.0068 Yes

Likelihood Ratio 2-Sided 29.916 13 0.0048 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Boredom Boredom by Type) ─**

H0: "Boredom Boredom" and "Type" are independent.

H1: "Boredom Boredom" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 84.380 13 0.0000 Yes

Likelihood Ratio 2-Sided 92.918 13 0.0000 Yes

† WARNING: At least one cell had a value less than 5.

**Tests for Row-Column Independence (Visitation Reason to visit Cape Town by Type) ─**

H0: "Visitation Reason to visit Cape Town" and "Type" are independent.

H1: "Visitation Reason to visit Cape Town" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 99.342 13 0.0000 Yes

Likelihood Ratio 2-Sided 102.789 13 0.0000 Yes

† WARNING: At least one cell had a value less than 5.

**Tests for Row-Column Independence (Knowledge Increase food and wine knowledge by Type)**

H0: "Knowledge Increase food and wine knowledge" and "Type" are independent.

H1: "Knowledge Increase food and wine knowledge" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 53.506 13 0.0000 Yes

Likelihood Ratio 2-Sided 55.837 13 0.0000 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Meetingexperts Exchange ideas with food/wine experts by Type)**

H0: "Meetingexperts Exchange ideas with food/wine experts" and "Type" are independent.

H1: "Meetingexperts Exchange ideas with food/wine experts" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 40.517 12 0.0001 Yes

Likelihood Ratio 2-Sided 41.647 12 0.0000 Yes

† WARNING: At least one cell had a value less than 5.

**Tests for Row-Column Independence (Giveaways Free giveaways by Type) ─**

H0: "Giveaways Free giveaways" and "Type" are independent.

H1: "Giveaways Free giveaways" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 59.036 13 0.0000 Yes

Likelihood Ratio 2-Sided 62.405 13 0.0000 Yes

† WARNING: At least one cell had a value less than 5.

**Tests for Row-Column Independence (Other7 Specify by Type) ─**

H0: "Other7 Specify" and "Type" are independent.

H1: "Other7 Specify" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 70.772 14 0.0000 Yes

Likelihood Ratio 2-Sided 42.367 14 0.0001 Yes

† WARNING: At least one cell had a value less than 5.

**Tests for Row-Column Independence (Gender Gender by Type) ─**

H0: "Gender Gender" and "Type" are independent.

H1: "Gender Gender" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 32.862 1 0.0000 Yes

Likelihood Ratio 2-Sided 33.404 1 0.0000 Yes

**Tests for Row-Column Independence (Age Age by Type)**

H0: "Age Age" and "Type" are independent.

H1: "Age Age" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 18.967 5 0.0019 Yes

Likelihood Ratio 2-Sided 19.054 5 0.0019 Yes

**Tests for Row-Column Independence (Above61 Specify by Type)**

H0: "Above61 Specify" and "Type" are independent.

H1: "Above61 Specify" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 14.000 9 0.1223 No

Likelihood Ratio 2-Sided 18.249 9 0.0324 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Education Education level by Type)**

H0: "Education Education level" and "Type" are independent.

H1: "Education Education level" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 9.477 6 0.1485 No

Likelihood Ratio 2-Sided 9.556 6 0.1446 No

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Other\_Education Specify by Type) ─**

H0: "Other\_Education Specify" and "Type" are independent.

H1: "Other\_Education Specify" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 5.000 2 0.0821 No

Likelihood Ratio 2-Sided 6.730 2 0.0346 Yes

† WARNING: At least one cell had an expected value less than 5.

**Tests for Row-Column Independence (Maritalstatus Marital Status by Type) ─**

H0: "Maritalstatus Marital Status" and "Type" are independent.

H1: "Maritalstatus Marital Status" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 13.849 4 0.0078 Yes

Likelihood Ratio 2-Sided 13.983 4 0.0074 Yes

**Tests for Row-Column Independence (Occupation Occupation by Type)**

H0: "Occupation Occupation" and "Type" are independent.

H1: "Occupation Occupation" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 24.986 10 0.0054 Yes

Likelihood Ratio 2-Sided 25.229 10 0.0049 Yes

**Tests for Row-Column Independence (Other\_Occupation Specify by Type)**

H0: "Other\_Occupation Specify" and "Type" are independent.

H1: "Other\_Occupation Specify" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square 2-Sided 0

Likelihood Ratio 2-Sided 0

**Tests for Row-Column Independence (Race Race by Type)**

H0: "Race Race" and "Type" are independent.

H1: "Race Race" and "Type" are associated (not independent).

 **Chi-Square Prob Reject H0**

**Test Type Value DF Level at α = 0.05?**

Pearson's Chi-Square† 2-Sided 19.613 8 0.0119 Yes

Likelihood Ratio 2-Sided 21.439 8 0.0061 Yes

† WARNING: At least one cell had an expected value less than 5.