

*RAILS
Institution #4 Data Analysis*
Bei Yu & Megan Oakleaf

Table: librarian: 1; faculty: 2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| institute | A | B | C | D | E | F | G | H | J | K | L | A2 |
| 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 |

1. **Kripendorff’s Alpha measure:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| criterion | 4A and 4A2 | 4A and all others | 4A2 and all others | 4A and other librarians | 4A2 and other librarians |
| 125093 | .4510 | .3119 | .2953 | .3114 | .2900 |
| 125094 | .1114 | .2787 | .2783 | .2699 | .2778 |
| 125095 | .4517 | .2984 | .3128 | .2646 | .2801 |
| 125096 | .4723 | .1729 | .1814 | .1784 | .1828 |
| Total score | .7360 | .4123 | .4139 | .4183 | .4227 |

1. **Cohen’s Kappa**

**pairwise Kappa agreement on criterion code 125093:**

Mean Kappa for 4A and all other judges=.212

Mean Kappa for 4A2 and all other judges=.198

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4H | 4J | 4K | 4L | 4A2 |
| 4A | .278 | .068 | .070 | .190 | .198 | .179 | .216 | .222 | .211 | .050 | .374 |
| 4B |  | .128 | .078 | .200 | .228 | .125 | .301 | .268 | .118 | .239 | .185 |
| 4C |  |  | .385 | .446 | .278 | .249 | .223 | .274 | .330 | .109 | .071 |
| 4D |  |  |  | .288 | .175 | .127 | .325 | .327 | .234 | .291 | .117 |
| 4E |  |  |  |  | .255 | .213 | .205 | .248 | .296 | .134 | .127 |
| 4F |  |  |  |  |  | .273 | .140 | .121 | .167 | .188 | .101 |
| 4G |  |  |  |  |  |  | .123 | .266 | .226 | .275 | -.038 |
| 4H |  |  |  |  |  |  |  | .333 | .087 | .114 | .090 |
| 4J |  |  |  |  |  |  |  |  | .189 | .201 | .060 |
| 4K |  |  |  |  |  |  |  |  |  | .157 | .202 |
| 4L |  |  |  |  |  |  |  |  |  |  | .037 |

Mean Kappa for 4A and all other librarians=.204

Mean Kappa for 4A2 and all other librarians =.189

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4L | 4A2 |
| 4A | .278 | .068 | .070 | .190 | .198 | .179 | .050 | .374 |
| 4B |  | .128 | .078 | .200 | .228 | .125 | .239 | .185 |
| 4C |  |  | .385 | .446 | .278 | .249 | .109 | .071 |
| 4D |  |  |  | .288 | .175 | .127 | .291 | .117 |
| 4E |  |  |  |  | .255 | .213 | .134 | .127 |
| 4F |  |  |  |  |  | .273 | .188 | .101 |
| 4G |  |  |  |  |  |  | .275 | -.038 |
| 4L |  |  |  |  |  |  |  | .037 |

Mean Kappa for faculty=.203

|  |  |  |
| --- | --- | --- |
|  | 4J | 4K |
| 4H | .333 | .087 |
| 4J |  | .189 |

**pairwise Kappa agreement on criterion code 125094:**

Mean Kappa for 4A and all other judges=.232

Mean Kappa for 4A2 and all other judges=.238

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4H | 4J | 4K | 4L | 4A2 |
| 4A | .171 | .142 | .234 | .005 | .294 | .067 | .329 | .324 | .225 | .208 | .127 |
| 4B |  | .201 | .245 | .337 | .157 | .154 | .422 | .297 | .094 | .221 | .102 |
| 4C |  |  | .305 | .169 | .253 | .159 | .108 | .160 | .158 | .269 | .484 |
| 4D |  |  |  | .227 | .189 | .254 | .335 | .325 | .213 | .489 | .222 |
| 4E |  |  |  |  | .210 | .201 | .197 | .167 | .029 | .292 | .163 |
| 4F |  |  |  |  |  | .265 | .352 | .150 | .154 | .281 | .261 |
| 4G |  |  |  |  |  |  | .185 | .129 | .214 | .276 | .113 |
| 4H |  |  |  |  |  |  |  | .438 | .182 | .478 | .149 |
| 4J |  |  |  |  |  |  |  |  | .223 | .433 | .183 |
| 4K |  |  |  |  |  |  |  |  |  | .188 | .390 |
| 4L |  |  |  |  |  |  |  |  |  |  | .225 |

Mean Kappa for 4A and all other librarians=.224

Mean Kappa for 4A2 and all other librarians =.240

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4L | 4A2 |
| 4A | .171 | .142 | .234 | .005 | .294 | .067 | .208 | .127 |
| 4B |  | .201 | .245 | .337 | .157 | .154 | .221 | .102 |
| 4C |  |  | .305 | .169 | .253 | .159 | .269 | .484 |
| 4D |  |  |  | .227 | .189 | .254 | .489 | .222 |
| 4E |  |  |  |  | .210 | .201 | .292 | .163 |
| 4F |  |  |  |  |  | .265 | .281 | .261 |
| 4G |  |  |  |  |  |  | .276 | .113 |
| 4L |  |  |  |  |  |  |  | .225 |

Mean Kappa for faculty=.281

|  |  |  |
| --- | --- | --- |
|  | 4J | 4K |
| 4H | .438 | .182 |
| 4J |  | .223 |

**pairwise Kappa agreement on criterion code 125095:**

Mean Kappa for 4A and all other judges=.219

Mean Kappa for 4A2 and all other judges=.218

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4H | 4J | 4K | 4L | 4A2 |
| 4A | .178 | .358 | .203 | .206 | .423 | .137 | .074 | .196 | .167 | \* | .322 |
| 4B |  | .261 | .110 | .301 | .197 | .315 | .329 | .374 | .351 | .087 | .286 |
| 4C |  |  | .148 | .232 | .257 | .230 | .147 | .170 | .175 | \* | .134 |
| 4D |  |  |  | .148 | .196 | .237 | .261 | .182 | .103 | .207 | .161 |
| 4E |  |  |  |  | .226 | .378 | .322 | .277 | .214 | .055 | .234 |
| 4F |  |  |  |  |  | .171 | .144 | .217 | .211 | .105 | .305 |
| 4G |  |  |  |  |  |  | .354 | .255 | .213 | .065 | .136 |
| 4H |  |  |  |  |  |  |  | .484 | .149 | .210 | .277 |
| 4J |  |  |  |  |  |  |  |  | .311 | .191 | .286 |
| 4K |  |  |  |  |  |  |  |  |  | .082 | .167 |
| 4L |  |  |  |  |  |  |  |  |  |  | .107 |

\*. Neither SPSS nor the Vassar Web App can compute the Kappa value because it is smaller than mean-change concordance

Mean Kappa for 4A and all other librarians=.209

Mean Kappa for 4A2 and all other librarians =.196

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4L | 4A2 |
| 4A | .178 | .358 | .203 | .206 | .423 | .137 | \* | .322 |
| 4B |  | .261 | .110 | .301 | .197 | .315 | .087 | .286 |
| 4C |  |  | .148 | .232 | .257 | .230 | \* | .134 |
| 4D |  |  |  | .148 | .196 | .237 | .207 | .161 |
| 4E |  |  |  |  | .226 | .378 | .055 | .234 |
| 4F |  |  |  |  |  | .171 | .105 | .305 |
| 4G |  |  |  |  |  |  | .065 | .136 |
| 4L |  |  |  |  |  |  |  | .107 |

\*. Neither SPSS nor the Vassar Web App can compute the Kappa value because it is smaller than mean-change concordance

Mean Kappa for faculty=.315

|  |  |  |
| --- | --- | --- |
|  | 4J | 4K |
| 4H | .484 | .149 |
| 4J |  | .311 |

**pairwise Kappa agreement on criterion code 125096:**

Mean Kappa for 4A and all other judges=.173

Mean Kappa for 4A2 and all other judges=.180

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4H | 4J | 4K | 4L | 4A2 |
| 4A | .268 | .221 | .105 | .147 | .351 | .206 | .196 | .069 | .155 | \* | .483 |
| 4B |  | .284 | .210 | .200 | .135 | .302 | .238 | .116 | .328 | -.033 | .215 |
| 4C |  |  | .108 | .168 | .256 | .164 | .095 | .041 | .142 | \* | .033 |
| 4D |  |  |  | .136 | .159 | .253 | .199 | .117 | .178 | .032 | .191 |
| 4E |  |  |  |  | .262 | .353 | .227 | .122 | .200 | .106 | .247 |
| 4F |  |  |  |  |  | .184 | .164 | .171 | .211 | .021 | .324 |
| 4G |  |  |  |  |  |  | .160 | .116 | .246 | .098 | .237 |
| 4H |  |  |  |  |  |  |  | .387 | .124 | .056 | .240 |
| 4J |  |  |  |  |  |  |  |  | .205 | .060 | .259 |
| 4K |  |  |  |  |  |  |  |  |  | \* | .318 |
| 4L |  |  |  |  |  |  |  |  |  |  | \* |

\*. Neither SPSS nor the Vassar Web App can compute the Kappa value because it is smaller than mean-change concordance

Mean Kappa for 4A and all other librarians=.181

Mean Kappa for 4A2 and all other librarians =.179

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4L | 4A2 |
| 4A | .268 | .221 | .105 | .147 | .351 | .206 | \* | .483 |
| 4B |  | .284 | .210 | .200 | .135 | .302 | -.033 | .215 |
| 4C |  |  | .108 | .168 | .256 | .164 | \* | .033 |
| 4D |  |  |  | .136 | .159 | .253 | .032 | .191 |
| 4E |  |  |  |  | .262 | .353 | .106 | .247 |
| 4F |  |  |  |  |  | .184 | .021 | .324 |
| 4G |  |  |  |  |  |  | .098 | .237 |
| 4L |  |  |  |  |  |  |  | \* |

\*. Neither SPSS nor the Vassar Web App can compute the Kappa value because it is smaller than mean-change concordance

Mean Kappa for faculty=.239

|  |  |  |
| --- | --- | --- |
|  | 4J | 4K |
| 4H | .387 | .124 |
| 4J |  | .205 |

**Summary of Cohen’s Kappa**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| criterion | 4A and 4A2 | 4A and all others (avg.) | 4A2 and all others (avg.) | 4A and other librarians (avg.) | 4A2 and other librarians (avg.) | All faculty(avg.) |
| 125093 | .374 | .212 | .198 | .204 | .189 | .203 |
| 125094 | .127 | .232 | .238 | .224 | .240 | .281 |
| 125095 | .322 | .219 | .218 | .209 | .196 | .315 |
| 125096 | .483 | .173 | .180 | .181 | .179 | .239 |
| Total score | n/a | n/a | n/a | n/a | n/a | n/a |

1. **Pearson’s correlation**

**Pairwise correlation regarding criterion code “125093”**

Mean Correlation for 4A and all other judges=.353

Mean Correlation for 4A2 and all other judges=.345

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4H | 4J | 4K | 4L | 4A2 |
| 4A | .389\*\* | .301\*\* | .285\*\* | .363\*\* | .425\*\* | .425\*\* | .287\*\* | .274\*\* | .463\*\* | .320\*\* | .496\*\* |
| 4B |  | .277\*\* | .262\*\* | .305\*\* | .348\*\* | .278\*\* | .398\*\* | .287\*\* | .374\*\* | .414\*\* | .377\*\* |
| 4C |  |  | .450\*\* | .461\*\* | .464\*\* | .236\* | .377\*\* | .347\*\* | .453\*\* | .207\* | .230\* |
| 4D |  |  |  | .430\*\* | .408\*\* | .272\*\* | .455\*\* | .375\*\* | .369\*\* | .354\*\* | .328\*\* |
| 4E |  |  |  |  | .471\*\* | .389\*\* | .377\*\* | .332\*\* | .424\*\* | .264\*\* | .316\*\* |
| 4F |  |  |  |  |  | .362\*\* | .340\*\* | .393\*\* | .406\*\* | .389\*\* | .307\*\* |
| 4G |  |  |  |  |  |  | .287\*\* | .333\*\* | .339\*\* | .347\*\* | .320\*\* |
| 4H |  |  |  |  |  |  |  | .437\*\* | .292\*\* | .202\* | .195 |
| 4J |  |  |  |  |  |  |  |  | .321\*\* | .265\*\* | .226\* |
| 4K |  |  |  |  |  |  |  |  |  | .316\*\* | .411\*\* |
| 4L |  |  |  |  |  |  |  |  |  |  | .352\*\* |

\*\*. Correlation is significant at the 0.01level

\*. Correlation is significant at the 0.05 level

Mean Correlation for 4A and all other librarians=.353

Mean Correlation for 4A2 and all other librarians =.344

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4L | 4A2 |
| 4A | .389\*\* | .301\*\* | .285\*\* | .363\*\* | .425\*\* | .425\*\* | .320\*\* | .496\*\* |
| 4B |  | .277\*\* | .262\*\* | .305\*\* | .348\*\* | .278\*\* | .414\*\* | .377\*\* |
| 4C |  |  | .450\*\* | .461\*\* | .464\*\* | .236\* | .207\* | .230\* |
| 4D |  |  |  | .430\*\* | .408\*\* | .272\*\* | .354\*\* | .328\*\* |
| 4E |  |  |  |  | .471\*\* | .389\*\* | .264\*\* | .316\*\* |
| 4F |  |  |  |  |  | .362\*\* | .389\*\* | .307\*\* |
| 4G |  |  |  |  |  |  | .347\*\* | .320\*\* |
| 4L |  |  |  |  |  |  |  | .352\*\* |

\*\*. Correlation is significant at the 0.01level

\*. Correlation is significant at the 0.05 level

Mean correlation for faculty=.350

|  |  |  |
| --- | --- | --- |
|  | 4J | 4K |
| 4H | .437\*\* | .292\*\* |
| 4J |  | .321\*\* |

\*\*. Correlation is significant at the 0.01level

**Pairwise correlation regarding criterion code “125094”**

Mean Correlation for 4A and all other judges=.365

Mean Correlation for 4A2 and all other judges=.377

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4H | 4J | 4K | 4L | 4A2 |
| 4A | .310\*\* | .555\*\* | .392\*\* | .177 | .461\*\* | .135 | .385\*\* | .463\*\* | .476\*\* | .319\*\* | .599\*\* |
| 4B |  | .446\*\* | .278\*\* | .366\*\* | .355\*\* | .184 | .549\*\* | .436\*\* | .349\*\* | .305\*\* | .413\*\* |
| 4C |  |  | .509\*\* | .254\* | .486\*\* | .213\* | .441\*\* | .410\*\* | .408\*\* | .465\*\* | .628\*\* |
| 4D |  |  |  | .336\*\* | .317\*\* | .256\* | .430\*\* | .406\*\* | .394\*\* | .598\*\* | .421\*\* |
| 4E |  |  |  |  | .312\*\* | .272\*\* | .259\*\* | .252\* | .108 | .394\*\* | .228\* |
| 4F |  |  |  |  |  | .315\*\* | .503\*\* | .365\*\* | .437\*\* | .364\*\* | .548\*\* |
| 4G |  |  |  |  |  |  | .232\* | .152 | .227\* | .305\*\* | .153 |
| 4H |  |  |  |  |  |  |  | .555\*\* | .463\*\* | .504\*\* | .524\*\* |
| 4J |  |  |  |  |  |  |  |  | .418\*\* | .448\*\* | .415\*\* |
| 4K |  |  |  |  |  |  |  |  |  | .353\*\* | .590\*\* |
| 4L |  |  |  |  |  |  |  |  |  |  | .391\*\* |

\*\*. Correlation is significant at the 0.01level

\*. Correlation is significant at the 0.05 level

Mean Correlation for 4A and all other librarians=.346

Mean Correlation for 4A2 and all other librarians =.361

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4L | 4A2 |
| 4A | .310\*\* | .555\*\* | .392\*\* | .177 | .461\*\* | .135 | .319\*\* | .599\*\* |
| 4B |  | .446\*\* | .278\*\* | .366\*\* | .355\*\* | .184 | .305\*\* | .413\*\* |
| 4C |  |  | .509\*\* | .254\* | .486\*\* | .213\* | .465\*\* | .628\*\* |
| 4D |  |  |  | .336\*\* | .317\*\* | .256\* | .598\*\* | .421\*\* |
| 4E |  |  |  |  | .312\*\* | .272\*\* | .394\*\* | .228\* |
| 4F |  |  |  |  |  | .315\*\* | .364\*\* | .548\*\* |
| 4G |  |  |  |  |  |  | .305\*\* | .153 |
| 4L |  |  |  |  |  |  |  | .391\*\* |

\*\*. Correlation is significant at the 0.01level

\*. Correlation is significant at the 0.05 level

Mean correlation for faculty=.479

|  |  |  |
| --- | --- | --- |
|  | 4J | 4K |
| 4H | .555\*\* | .463\*\* |
| 4J |  | .418\*\* |

\*\*. Correlation is significant at the 0.01level

**Pairwise correlation regarding criterion code “125095”**

Mean Correlation for 4A and all other judges=.367

Mean Correlation for 4A2 and all other judges=.366

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4H | 4J | 4K | 4L | 4A2 |
| 4A | .254\* | .360\*\* | .453\*\* | .291\*\* | .479\*\* | .194 | .444\*\* | .473\*\* | .224\* | .364\*\* | .574\*\* |
| 4B |  | .263\*\* | .220\* | .354\*\* | .299\*\* | .471\*\* | .482\*\* | .414\*\* | .362\*\* | .130 | .376\*\* |
| 4C |  |  | .404\*\* | .302\*\* | .320\*\* | .290\*\* | .368\*\* | .444\*\* | .208\* | .405\*\* | .223\* |
| 4D |  |  |  | .334\*\* | .359\*\* | .356\*\* | .388\*\* | .415\*\* | .213\* | .459\*\* | .296\*\* |
| 4E |  |  |  |  | .339\*\* | .467\*\* | .474\*\* | .478\*\* | .285\*\* | .399\*\* | .361\*\* |
| 4F |  |  |  |  |  | .352\*\* | .456\*\* | .466\*\* | .398\*\* | .313\*\* | .525\*\* |
| 4G |  |  |  |  |  |  | .538\*\* | .455\*\* | .370\*\* | .270\*\* | .315\*\* |
| 4H |  |  |  |  |  |  |  | .609\*\* | .278\*\* | .365\*\* | .482\*\* |
| 4J |  |  |  |  |  |  |  |  | .408\*\* | .398\*\* | .409\*\* |
| 4K |  |  |  |  |  |  |  |  |  | .293\*\* | .203\* |
| 4L |  |  |  |  |  |  |  |  |  |  | .248\* |

\*\*. Correlation is significant at the 0.01level

\*. Correlation is significant at the 0.05 level

Mean Correlation for 4A and all other librarians=.339

Mean Correlation for 4A2 and all other librarians =.338

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4L | 4A2 |
| 4A | .254\* | .360\*\* | .453\*\* | .291\*\* | .479\*\* | .194 | .364\*\* | .574\*\* |
| 4B |  | .263\*\* | .220\* | .354\*\* | .299\*\* | .471\*\* | .130 | .376\*\* |
| 4C |  |  | .404\*\* | .302\*\* | .320\*\* | .290\*\* | .405\*\* | .223\* |
| 4D |  |  |  | .334\*\* | .359\*\* | .356\*\* | .459\*\* | .296\*\* |
| 4E |  |  |  |  | .339\*\* | .467\*\* | .399\*\* | .361\*\* |
| 4F |  |  |  |  |  | .352\*\* | .313\*\* | .525\*\* |
| 4G |  |  |  |  |  |  | .270\*\* | .315\*\* |
| 4L |  |  |  |  |  |  |  | .248\* |

\*\*. Correlation is significant at the 0.01level

\*. Correlation is significant at the 0.05 level

Mean correlation for faculty=.432

|  |  |  |
| --- | --- | --- |
|  | 4J | 4K |
| 4H | .609\*\* | .278\*\* |
| 4J |  | .408\*\* |

\*\*. Correlation is significant at the 0.01level

**Pairwise correlation regarding criterion code “125096”**

Mean Correlation for 4A and all other judges=.233

Mean Correlation for 4A2 and all other judges=.235

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4H | 4J | 4K | 4L | 4A2 |
| 4A | .290\*\* | .252\* | .152 | .193 | .430\*\* | .216\* | .321\*\* | .148 | .172 | .145 | .510\*\* |
| 4B |  | .359\*\* | .261\*\* | .260\*\* | .152 | .218\* | .312\*\* | .185 | .305\*\* | .283\*\* | .203\* |
| 4C |  |  | .239\* | .222\* | .311\*\* | .233\* | .282\*\* | .077 | .214\* | .209\* | .046 |
| 4D |  |  |  | .168 | .244\* | .267\*\* | .214\* | .134 | .197\* | .221\* | .225\* |
| 4E |  |  |  |  | .347\*\* | .347\*\* | .225\* | .182 | .221\* | .417\*\* | .269\*\* |
| 4F |  |  |  |  |  | .269\*\* | .217\* | .231\* | .222\* | .298\*\* | .384\*\* |
| 4G |  |  |  |  |  |  | .192 | .147 | .283\*\* | .264\*\* | .238\* |
| 4H |  |  |  |  |  |  |  | .409\*\* | .163 | .031 | .239\* |
| 4J |  |  |  |  |  |  |  |  | .257\*\* | -.051 | .339\*\* |
| 4K |  |  |  |  |  |  |  |  |  | .270\*\* | .320\*\* |
| 4L |  |  |  |  |  |  |  |  |  |  | .167 |

\*\*. Correlation is significant at the 0.01level

\*. Correlation is significant at the 0.05 level

Mean Correlation for 4A and all other librarians=.260

Mean Correlation for 4A2 and all other librarians =.254

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4L | 4A2 |
| 4A | .290\*\* | .252\* | .152 | .193 | .430\*\* | .216\* | .145 | .510\*\* |
| 4B |  | .359\*\* | .261\*\* | .260\*\* | .152 | .218\* | .283\*\* | .203\* |
| 4C |  |  | .239\* | .222\* | .311\*\* | .233\* | .209\* | .046 |
| 4D |  |  |  | .168 | .244\* | .267\*\* | .221\* | .225\* |
| 4E |  |  |  |  | .347\*\* | .347\*\* | .417\*\* | .269\*\* |
| 4F |  |  |  |  |  | .269\*\* | .298\*\* | .384\*\* |
| 4G |  |  |  |  |  |  | .264\*\* | .238\* |
| 4L |  |  |  |  |  |  |  | .167 |

\*\*. Correlation is significant at the 0.01level

\*. Correlation is significant at the 0.05 level

Mean correlation for faculty=.276

|  |  |  |
| --- | --- | --- |
|  | 4J | 4K |
| 4H | .409\*\* | .163 |
| 4J |  | .257\*\* |

\*\*. Correlation is significant at the 0.01level

**Pairwise correlation regarding total scores**

Mean Correlation for 4A and all other judges=.515

Mean Correlation for 4A2 and all other judges=.519

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4H | 4J | 4K | 4L | 4A2 |
| 4A | .504\*\* | .621\*\* | .530\*\* | .491\*\* | .620\*\* | .379\*\* | .560\*\* | .558\*\* | .571\*\* | .454\*\* | .755\*\* |
| 4B |  | .635\*\* | .418\*\* | .497\*\* | .494\*\* | .450\*\* | .644\*\* | .538\*\* | .506\*\* | .450\*\* | .540\*\* |
| 4C |  |  | .617\*\* | .421\*\* | .618\*\* | .388\*\* | .524\*\* | .607\*\* | .602\*\* | .457\*\* | .566\*\* |
| 4D |  |  |  | .451\*\* | .495\*\* | .466\*\* | .485\*\* | .522\*\* | .505\*\* | .597\*\* | .583\*\* |
| 4E |  |  |  |  | .553\*\* | .589\*\* | .505\*\* | .447\*\* | .441\*\* | .552\*\* | .547\*\* |
| 4F |  |  |  |  |  | .410\*\* | .566\*\* | .552\*\* | .606\*\* | .502\*\* | .653\*\* |
| 4G |  |  |  |  |  |  | .410\*\* | .424\*\* | .391\*\* | .528\*\* | .404\*\* |
| 4H |  |  |  |  |  |  |  | .754\*\* | .491\*\* | .431\*\* | .589\*\* |
| 4J |  |  |  |  |  |  |  |  | .560\*\* | .427\*\* | .573\*\* |
| 4K |  |  |  |  |  |  |  |  |  | .488\*\* | .600\*\* |
| 4L |  |  |  |  |  |  |  |  |  |  | .499\*\* |

\*\*. Correlation is significant at the 0.01level

Mean Correlation for 4A and all other librarians=.507

Mean Correlation for 4A2 and all other librarians =.514

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 4B | 4C | 4D | 4E | 4F | 4G | 4L | 4A2 |
| 4A | .504\*\* | .621\*\* | .530\*\* | .491\*\* | .620\*\* | .379\*\* | .454\*\* | .755\*\* |
| 4B |  | .635\*\* | .418\*\* | .497\*\* | .494\*\* | .450\*\* | .450\*\* | .540\*\* |
| 4C |  |  | .617\*\* | .421\*\* | .618\*\* | .388\*\* | .457\*\* | .566\*\* |
| 4D |  |  |  | .451\*\* | .495\*\* | .466\*\* | .597\*\* | .583\*\* |
| 4E |  |  |  |  | .553\*\* | .589\*\* | .552\*\* | .547\*\* |
| 4F |  |  |  |  |  | .410\*\* | .502\*\* | .653\*\* |
| 4G |  |  |  |  |  |  | .528\*\* | .404\*\* |
| 4L |  |  |  |  |  |  |  | .499\*\* |

\*\*. Correlation is significant at the 0.01level

Mean correlation for faculty=.602

|  |  |  |
| --- | --- | --- |
|  | 4J | 4K |
| 4H | .754\*\* | .491\*\* |
| 4J |  | .560\*\* |

\*\*. Correlation is significant at the 0.01level

**Summary of Mean Pearson’s Correlation**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| criterion | 4A and 4A2 | 4A and all others (avg.) | 4A2 and all others (avg.) | 4A and other librarians (avg.) | 4A2 and other librarians (avg.) | All faculty(avg.) |
| 125093 | .496 | .353 | .345 | .353 | .344 | .350 |
| 125094 | .599 | .365 | .377 | .346 | .361 | .479 |
| 125095 | .574 | .367 | .366 | .339 | .338 | .432 |
| 125096 | .510 | .233 | .235 | .260 | .254 | .276 |
| Total score | .755 | .515 | .519 | .507 | .514 | .602 |