

■■■■2024■12■10■



- 1. ■■■■
- 2. ■■■■■■
- 3. ■■■■
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1. ■■■■

■1■■■: 20■■■■

2.

| | Q.1 | Q.2 | Q.5 | Q.7 | Q.10 | Q.11 | Q.13 | Q.14 | Q.17 | Q.19 |
|-------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| count | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| mean | 2.5 | 3.5 | 2.85 | 3.25 | 2.9 | 3.2 | 3 | 2.35 | 2.85 | 3.1 |
| std | 1.5728 | 1.4327 | 1.26803 | 1.40955 | 1.29371 | 1.32188 | 1.48678 | 1.42441 | 1.26803 | 1.48324 |
| min | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25% | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 |
| 50% | 2.5 | 4 | 3 | 3 | 3 | 3.5 | 3 | 2 | 2.5 | 3 |
| 75% | 4 | 5 | 4 | 4.25 | 4 | 4 | 4.25 | 3.25 | 4 | 4.25 |
| max | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

3.

| | | | | | | | | | | | | n |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Q.1 - | 1.00 | 0.05 | 0.30 | 0.08 | 0.52 | 0.05 | -0.11 | 0.04 | -0.04 | 0.11 | | • |
| Q.2 - | 0.05 | 1.00 | 0.07 | -0.14 | -0.06 | -0.28 | 0.12 | 0.17 | 0.13 | 0.42 | - 0.8 | 8 |
| Q.5 - | 0.30 | 0.07 | 1.00 | 0.23 | -0.11 | 0.21 | 0.03 | -0.52 | 0.21 | 0.06 | - 0.0 | 6 |
| Q.7 - | 0.08 | -0.14 | 0.23 | 1.00 | 0.22 | 0.23 | -0.25 | 0.06 | 0.35 | -0.06 | 0. | 4 |
| Q.10 - | 0.52 | -0.06 | -0.11 | 0.22 | 1.00 | 0.14 | 0.14 | 0.36 | 0.15 | -0.27 | - 0.4 | |
| Q.11 - | 0.05 | -0.28 | 0.21 | 0.23 | 0.14 | 1.00 | 0.35 | -0.29 | 0.21 | -0.14 | - 0.2 | 2 |
| Q.13 - | -0.11 | 0.12 | 0.03 | -0.25 | 0.14 | 0.35 | 1.00 | -0.17 | -0.22 | -0.33 | - 0.0 | 0 |
| Q.14 - | 0.04 | 0.17 | -0.52 | 0.06 | 0.36 | -0.29 | -0.17 | 1.00 | -0.09 | -0.09 | (| 1 2 |
| Q.17 - | -0.04 | 0.13 | 0.21 | 0.35 | 0.15 | 0.21 | -0.22 | -0.09 | 1.00 | 0.15 | | J. Z |
| Q.19 - | 0.11 | 0.42 | 0.06 | -0.06 | -0.27 | -0.14 | -0.33 | -0.09 | 0.15 | 1.00 | (|).4 |
| | 0,5 | 0,2 | منی | ۵,1 | 0.70 | 0.12 | 0.13 | 0.74 | 0.17 | 0.29 | | |

| | Q.1 | Q.2 | Q.5 | Q.7 | Q.10 | Q.11 | Q.13 | Q.14 | Q.17 | Q.19 |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Q.1 | 1.00 | 0.05 | 0.30 | 0.08 | 0.52 | 0.05 | -0.11 | 0.04 | -0.04 | 0.11 |
| Q.2 | 0.05 | 1.00 | 0.07 | -0.14 | -0.06 | -0.28 | 0.12 | 0.17 | 0.13 | 0.42 |
| Q.5 | 0.30 | 0.07 | 1.00 | 0.23 | -0.11 | 0.21 | 0.03 | -0.52 | 0.21 | 0.06 |
| Q.7 | 0.08 | -0.14 | 0.23 | 1.00 | 0.22 | 0.23 | -0.25 | 0.06 | 0.35 | -0.06 |
| Q.10 | 0.52 | -0.06 | -0.11 | 0.22 | 1.00 | 0.14 | 0.14 | 0.36 | 0.15 | -0.27 |
| Q.11 | 0.05 | -0.28 | 0.21 | 0.23 | 0.14 | 1.00 | 0.35 | -0.29 | 0.21 | -0.14 |
| Q.13 | -0.11 | 0.12 | 0.03 | -0.25 | 0.14 | 0.35 | 1.00 | -0.17 | -0.22 | -0.33 |
| Q.14 | 0.04 | 0.17 | -0.52 | 0.06 | 0.36 | -0.29 | -0.17 | 1.00 | -0.09 | -0.09 |
| Q.17 | -0.04 | 0.13 | 0.21 | 0.35 | 0.15 | 0.21 | -0.22 | -0.09 | 1.00 | 0.15 |
| Q.19 | 0.11 | 0.42 | 0.06 | -0.06 | -0.27 | -0.14 | -0.33 | -0.09 | 0.15 | 1.00 |

4.

