

Assessment Results

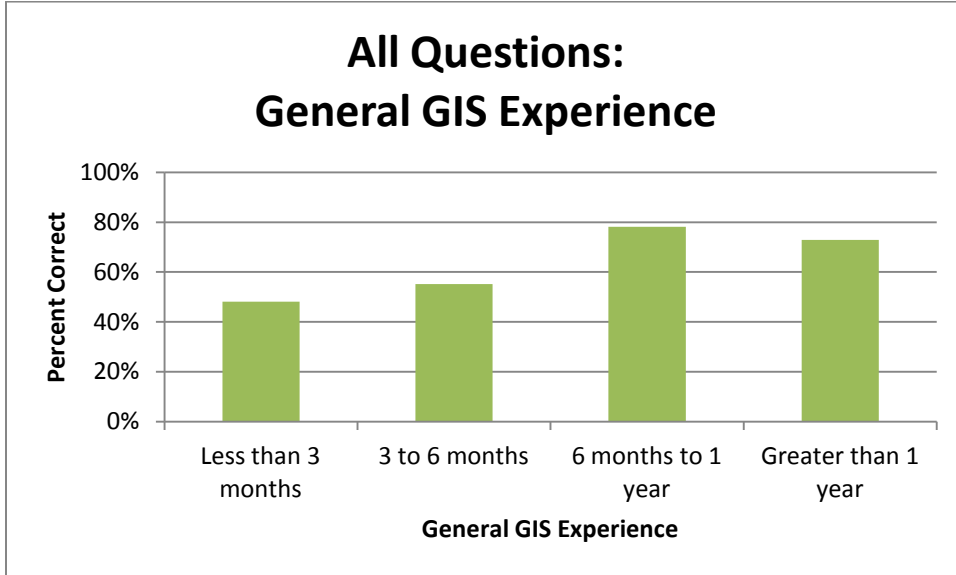
| Student | General GIS Experience | Completed PCC GIS Courses | AAG and Esri Entry (out of 11) | Esri Intermediate and Advanced (out of 5) | Total |
|---------|------------------------|---------------------------|--------------------------------|---|-------|
| 1 | 3 to 6 months | 1 | 11 | 1 | 12 |
| 2a | 3 to 6 months | 2 | 7 | 3 | 10 |
| 2b | Greater than 1 year | 4 or more | 10 | 3 | 13 |
| 3 | Less than 3 months | 1 | 3 | 2 | 5 |
| 4 | Less than 3 months | 0 | 9 | 3 | 12 |
| 5 | Less than 3 months | 0 | 6 | 3 | 9 |
| 6 | Greater than 1 year | 4 or more | 9 | 1 | 10 |
| 7 | 3 to 6 months | 1 | 6 | 1 | 7 |
| 8 | Less than 3 months | 0 | 5 | 3 | 8 |
| 9 | 3 to 6 months | 1 | 7 | 2 | 9 |
| 10 | Less than 3 months | 1 | 8 | 0 | 8 |
| 11 | Greater than 1 year | 0 | 6 | 1 | 7 |
| 12 | Less than 3 months | 1 | 6 | 1 | 7 |
| 13 | Less than 3 months | 0 | 6 | 2 | 8 |
| 14 | Less than 3 months | 0 | 8 | 2 | 10 |
| 15 | 6 months to 1 year | 2 | 8 | 2 | 10 |
| 16 | Less than 3 months | 0 | 7 | 1 | 8 |
| 17 | Less than 3 months | 0 | 9 | 1 | 10 |
| 18 | 3 to 6 months | 2 | 9 | 2 | 11 |
| 19 | Less than 3 months | 0 | 7 | 2 | 9 |
| 20 | Less than 3 months | 0 | 6 | 2 | 8 |
| 21 | 3 to 6 months | 4 or more | 5 | 1 | 6 |
| 22 | Less than 3 months | 0 | 6 | 1 | 7 |
| 23 | 3 to 6 months | 4 or more | 7 | 2 | 9 |
| 24 | Less than 3 months | 0 | 5 | 0 | 5 |
| 25 | Less than 3 months | 0 | 6 | 2 | 8 |
| 26 | Greater than 1 year | 4 or more | 9 | 3 | 12 |
| 27 | 6 months to 1 year | 4 or more | 11 | 3 | 14 |
| 28 | 3 to 6 months | 1 | 6 | 3 | 9 |
| 29 | Less than 3 months | 0 | 6 | 2 | 8 |
| 30 | Less than 3 months | 0 | 8 | 1 | 9 |
| 31 | Less than 3 months | 1 | 7 | 2 | 9 |
| 32 | Less than 3 months | 0 | 6 | 2 | 8 |
| 33 | 6 months to 1 year | 4 or more | 10 | 3 | 13 |
| 34a | 3 to 6 months | 2 | 8 | 1 | 9 |
| 34b | 6 months to 1 year | 4 or more | 10 | 3 | 13 |
| 35 | 3 to 6 months | 3 | 8 | 1 | 9 |
| 36 | Less than 3 months | 0 | 4 | 2 | 6 |
| 37 | 6 months to 1 year | 2 | 9 | 2 | 11 |
| 38 | Less than 3 months | 0 | 6 | 1 | 7 |
| 39 | 6 months to 1 year | 4 or more | 9 | 4 | 13 |
| 40 | Less than 3 months | 0 | 0 | 0 | 0 |
| 41 | Less than 3 months | 0 | 8 | 1 | 9 |
| 42 | 6 months to 1 year | 4 or more | 7 | 5 | 12 |
| 43 | 6 months to 1 year | 4 or more | 10 | 3 | 13 |
| 44 | Less than 3 months | 0 | 3 | 2 | 5 |
| 45a | 6 months to 1 year | 4 or more | 11 | 3 | 14 |

| Student | General GIS Experience | Completed PCC GIS Courses | AAG and Esri Entry (out of 11) | Esri Intermediate and Advanced (out of 5) | Total |
|----------------|-------------------------------|----------------------------------|---------------------------------------|--|--------------|
| 45b | Greater than 1 year | 4 or more | 11 | 1 | 12 |
| 46 | 3 to 6 months | 0 | 4 | 1 | 5 |
| 47 | Less than 3 months | 0 | 10 | 2 | 12 |
| 48 | Less than 3 months | 1 | 7 | 1 | 8 |
| 49 | Less than 3 months | 0 | 9 | 4 | 13 |
| 50 | Less than 3 months | 0 | 5 | 0 | 5 |
| 51 | Greater than 1 year | 4 or more | 10 | 3 | 13 |
| 52 | Less than 3 months | 0 | 6 | 2 | 8 |
| 53 | Less than 3 months | 0 | 5 | 3 | 8 |
| 54 | Less than 3 months | 1 | 9 | 1 | 10 |
| 55 | Greater than 1 year | 4 or more | 9 | 4 | 13 |
| 56 | Less than 3 months | 0 | 4 | 1 | 5 |
| 57 | Less than 3 months | 0 | 6 | 2 | 8 |
| 58 | Less than 3 months | 0 | 6 | 2 | 8 |
| 59 | Greater than 1 year | 4 or more | 10 | 4 | 14 |
| 60 | Less than 3 months | 0 | 8 | 1 | 9 |
| 61 | Less than 3 months | 1 | 4 | 0 | 4 |
| 62 | Less than 3 months | 1 | 6 | 1 | 7 |
| 63 | Greater than 1 year | 4 or more | 10 | 1 | 11 |
| 64 | Less than 3 months | 0 | 7 | 2 | 9 |
| 65 | 3 to 6 months | 2 | 8 | 2 | 10 |
| 66 | Greater than 1 year | 4 or more | 9 | 3 | 12 |
| 67 | 6 months to 1 year | 3 | 11 | 2 | 13 |
| 68 | Less than 3 months | 0 | 3 | 1 | 4 |
| 69 | 6 months to 1 year | 4 or more | 9 | 3 | 12 |
| 70 | Greater than 1 year | 4 or more | 10 | 2 | 12 |
| 71 | Less than 3 months | 0 | 10 | 4 | 14 |
| 72 | Less than 3 months | 0 | 5 | 0 | 5 |
| 73 | Greater than 1 year | 4 or more | 8 | 3 | 11 |
| 74 | Less than 3 months | 1 | 5 | 1 | 6 |
| 75 | Less than 3 months | 0 | 5 | 2 | 7 |
| 76 | 6 months to 1 year | 2 | 8 | 4 | 12 |
| 77 | Less than 3 months | 0 | 5 | 2 | 7 |
| 78 | Less than 3 months | 0 | 3 | 3 | 6 |

All Questions: Comparison of General GIS Experience and PCC GIS Experience

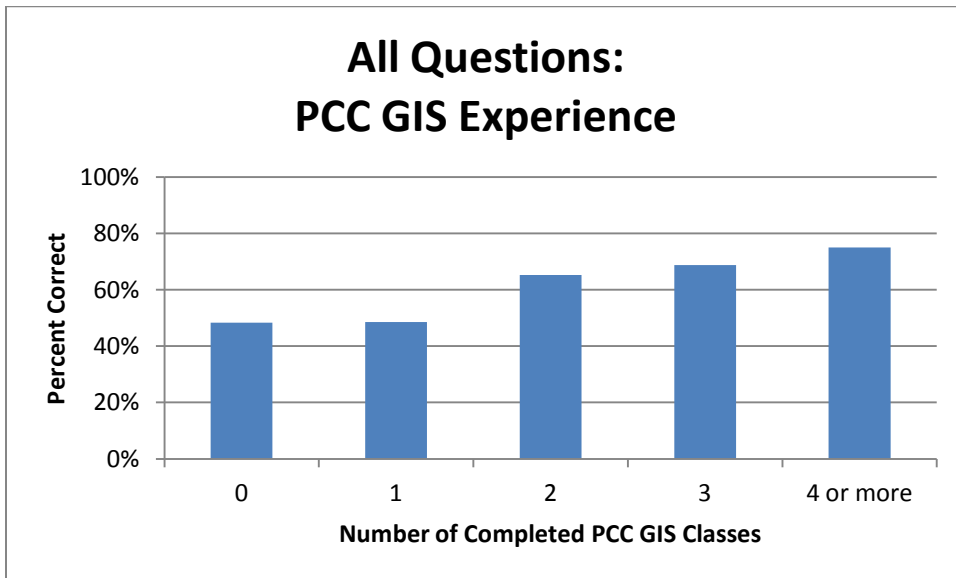
General GIS Experience:

Spearman ranked correlation: 0.8



PCC GIS Experience:

Spearman ranked correlation: 1.0

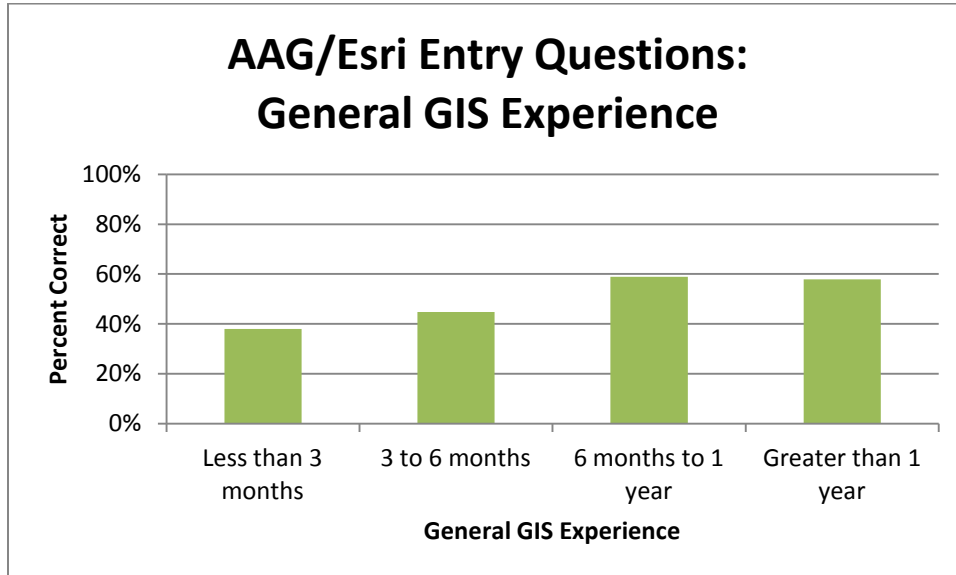


Note: Results are not statistically significant due to small sample size and large within-group variation

AAG and Esri Entry Questions: Comparison of General GIS Experience and PCC GIS Experience

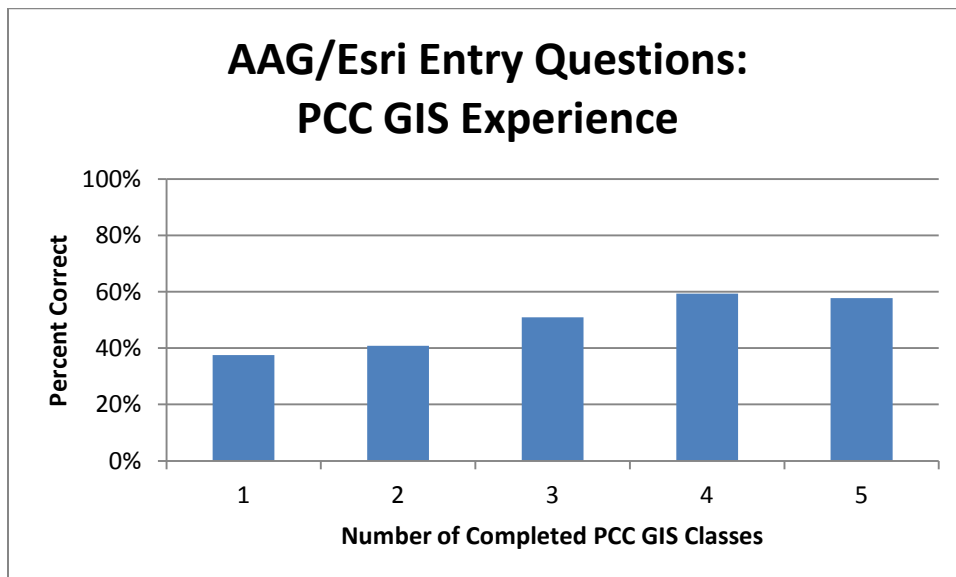
General GIS Experience:

Spearman ranked correlation: 0.8



PCC GIS Experience:

Spearman ranked correlation: 0.9

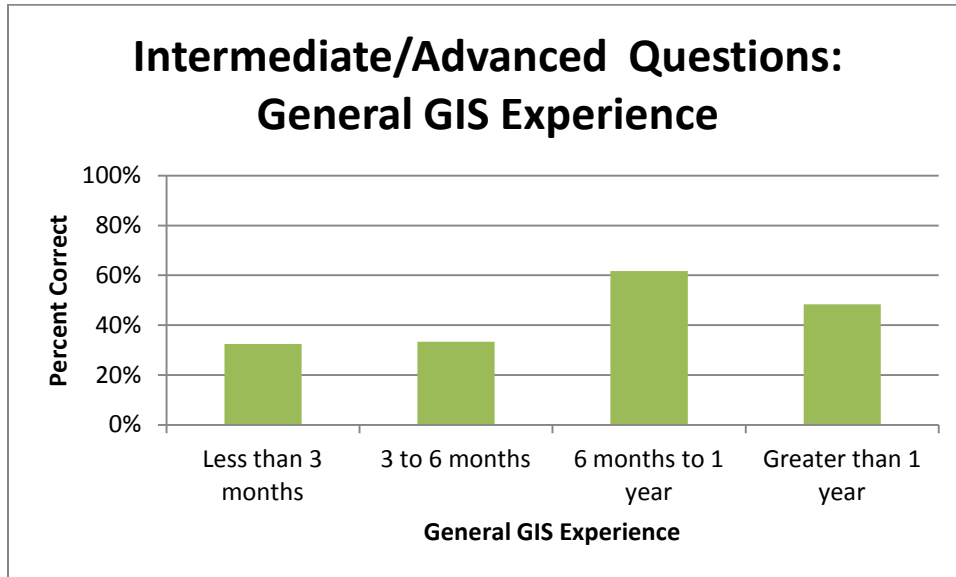


Note: Results are not statistically significant due to small sample size and large within-group variation

Esri Intermediate and Advanced Questions: Comparison of General GIS Experience and PCC GIS Experience

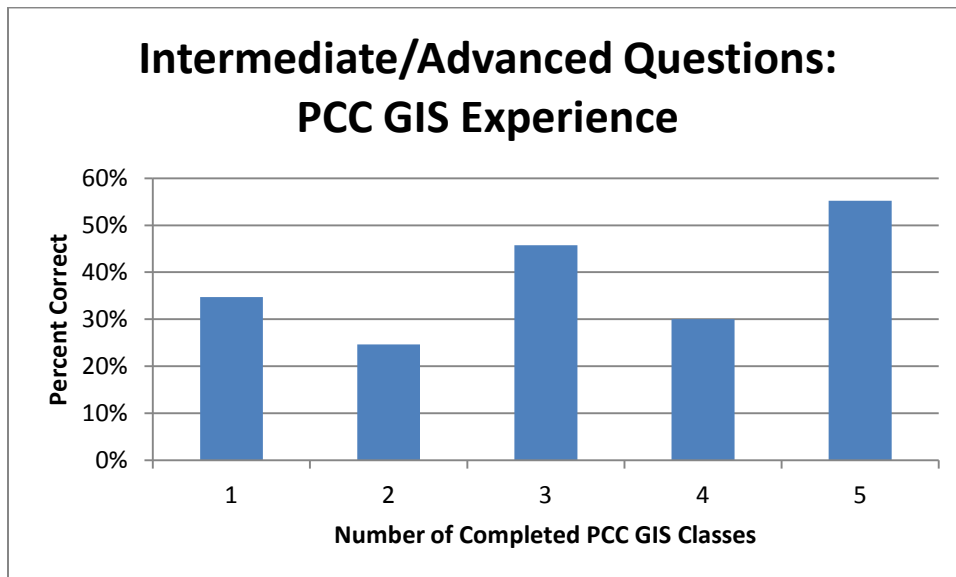
General GIS Experience:

Spearman ranked correlation: 0.8



PCC GIS Experience:

Spearman ranked correlation: 0.5



Note: Results are not statistically significant due to small sample size and large within-group variation