```
MEANS TABLES=S3Q5 S8Q5 BY YearsTeachinggroup
  /CELLS=MEAN COUNT STDDEV GMEDIAN.
```

Means

Notes

Output Created		09-FEB-2020 16:38:35
Comments		
Input	Data	\\Client\H$\Choral+Music+Performance+Assessment+Evaluation_11.22.19.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	125
Missing Value Handling	Definition of Missing	For each dependent variable in a table, user-defined missing values for the dependent and all grouping variables are treated as missing.
	Cases Used	Cases used for each table have no missing values in any independent variable, and not all dependent variables have missing values.
Syntax		MEANS TABLES=S3Q5 S8Q5 BY YearsTeachinggroup /CELLS=MEAN COUNT STDDEV GMEDIAN.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.15

Case Processing Summary

	Cases					
	Included		Excluded		Total	
	N	Percent	N	Percent	N	Percent
This is an appropriate choral tone for this style of music. * YearsTeachinggroup	125	100.0%	0	0.0%	125	100.0%
This is an appropriate choral tone for this style of music. * YearsTeachinggroup	125	100.0%	0	0.0%	125	100.0%

Report

YearsTeachinggroup		This is an appropriate choral tone for this style of music.	This is an appropriate choral tone for this style of music.
preservice	Mean	4.08	4.15
	N	13	13
	Std. Deviation	.862	.899
	Grouped Median	4.11	4.27
novice (1-6 years)	Mean	3.76	4.66
	N	38	38
	Std. Deviation	1.101	.847
	Grouped Median	3.95	4.78
intermediate (7-17 years)	Mean	4.13	4.28
	N	39	39
	Std. Deviation	.894	.972
	Grouped Median	4.26	4.45
experienced (18+ years)	Mean	3.20	3.83
	N	35	35
	Std. Deviation	1.158	1.150
	Grouped Median	3.32	4.04
Total	Mean	3.75	4.26
	N	125	125
	Std. Deviation	1.090	1.023
	Grouped Median	3.94	4.45

```
*Nonparametric Tests: Independent Samples.
NPTESTS
```

```
  /INDEPENDENT TEST (S3Q5) GROUP (YearsTeachinggroup) KRUSKAL_WALLIS(COMPAR
E=PAIRWISE) MEDIAN(TESTVALUE=SAMPLE COMPARE=PAIRWISE)
  /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
  /CRITERIA ALPHA=0.05  CILEVEL=95.
```

Nonparametric Tests

Notes

Output Created		09-FEB-2020 17:10:09
Comments		
Input	Data	\\Client\H$\Choral+Music+Performance+Assessment+Evaluation_11.22.19.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	125
Syntax		NPTESTS /INDEPENDENT TEST (S3Q5) GROUP (YearsTeachinggroup) KRUSKAL_WALLIS (COMPARE=PAIRWISE) MEDIAN (TESTVALUE=SAMPLE COMPARE=PAIRWISE) /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0.05 CILEVEL=95.
Resources	Processor Time	00:00:01.50
	Elapsed Time	00:00:01.81

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.
1	The medians of This is an appropriate choral tone for this style of music. are the same across categories of YearsTeachinggroup.	Independent-Samples Median Test	.034
2	The distribution of This is an appropriate choral tone for this style of music. is the same across categories of YearsTeachinggroup.	Independent-Samples Kruskal-Wallis Test	.003

Hypothesis Test Summary

	Decision
1	Reject the null hypothesis.
2	Reject the null hypothesis.

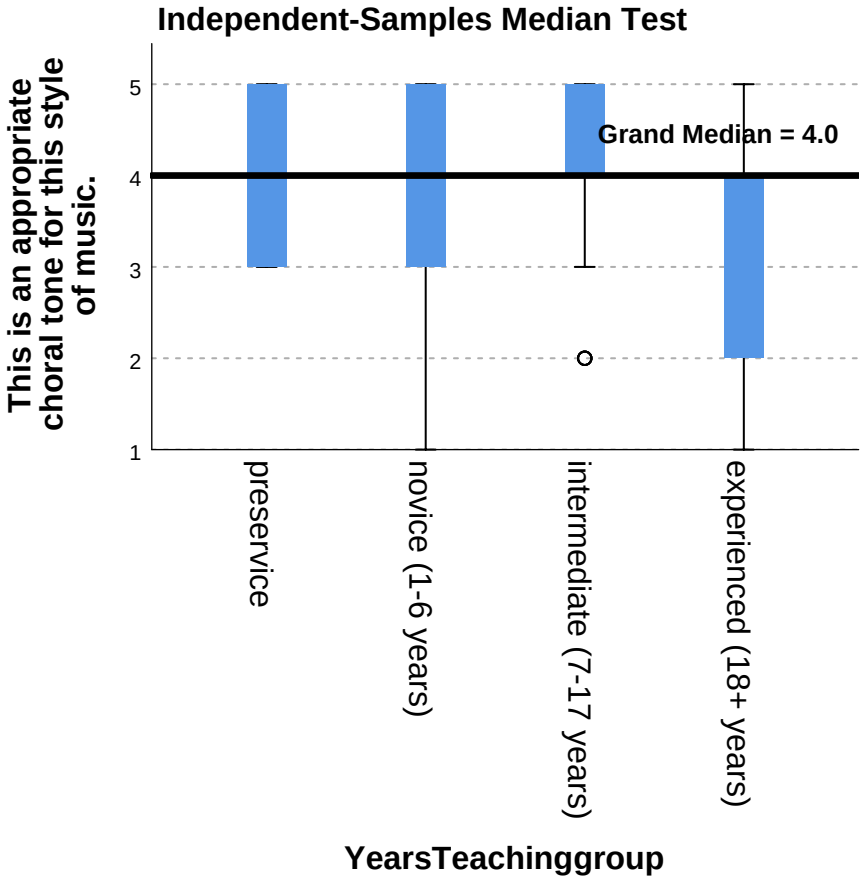
Asymptotic significances are displayed. The significance level is .050.

Independent-Samples Median Test

This is an appropriate choral tone for this style of music. across YearsTeachinggroup

Independent-Samples Median Test Summary

Total N	125
Median	4.000
Test Statistic	8.639
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	.034



Pairwise Comparisons of YearsTeachinggroup

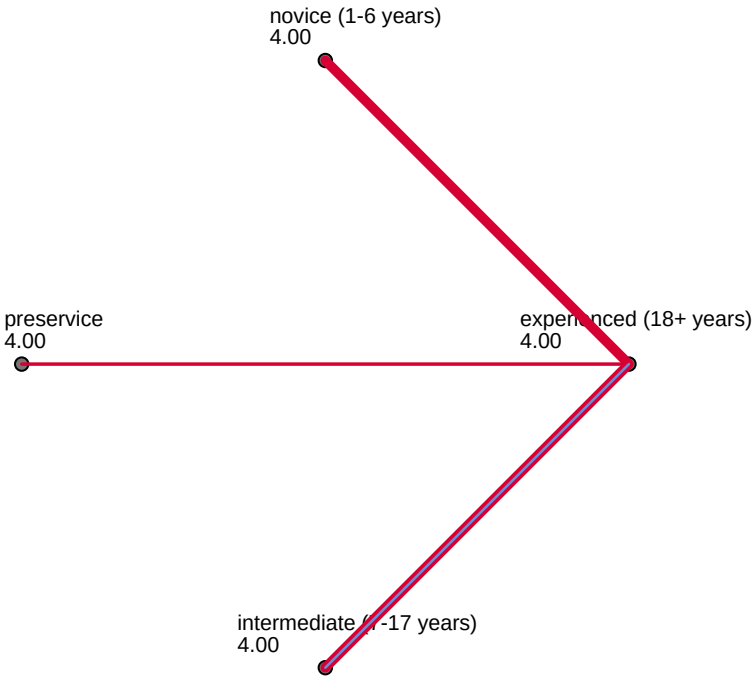
Sample 1-Sample 2	Test Statistic	Sig.	Adj. Sig.[a]
preservice-novice (1-6 years)	.688	.407	1.000
preservice-intermediate (7-17 years)	.028	.868	1.000
preservice-experienced (18+ years)	6.098	.014	.081
novice (1-6 years)-intermediate (7-17 years)	.824	.364	1.000
novice (1-6 years)-experienced (18+ years)	3.919	.048	.286
intermediate (7-17 years)-experienced (18+ years)	7.784	.005	.032

Each row tests the null hypothesis that the Sample 1 and Sample 2 distributions are the same.

Asymptotic significances (2-sided tests) are displayed. The significance level is .05.

a. Significance values have been adjusted by the Bonferroni correction for multiple tests.

Pairwise Comparisons of YearsTeachinggroup



Each node shows the sample average rank of YearsTeachinggroup.

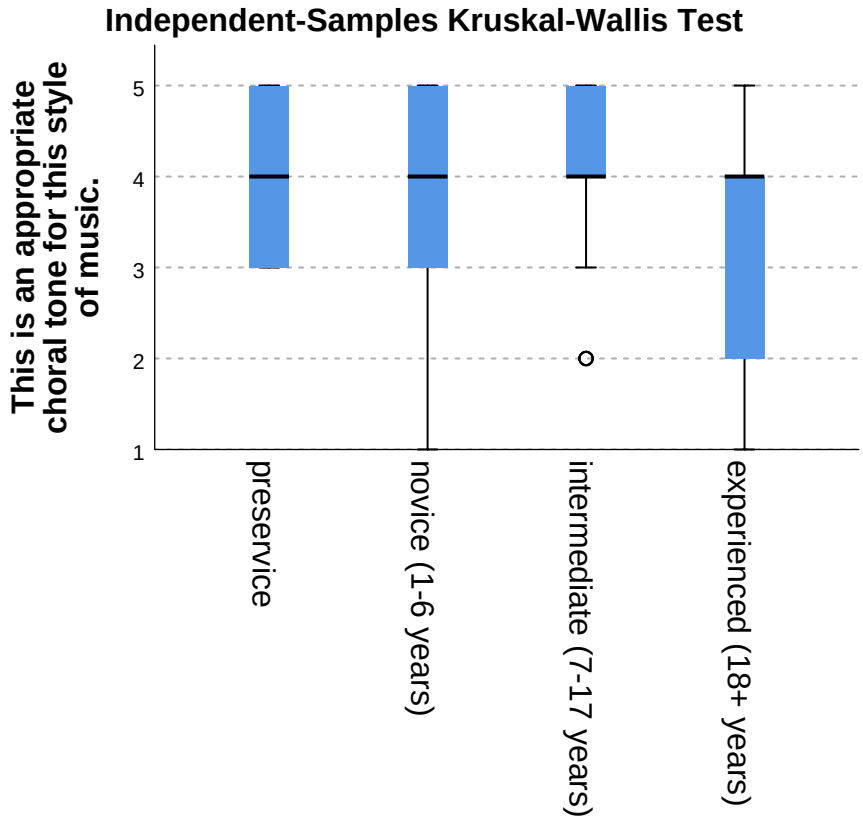
Independent-Samples Kruskal-Wallis Test

This is an appropriate choral tone for this style of music. across YearsTeachinggroup

Independent-Samples Kruskal-Wallis Test Summary

Total N	125
Test Statistic	14.045[a]
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	.003

a. The test statistic is adjusted for ties.



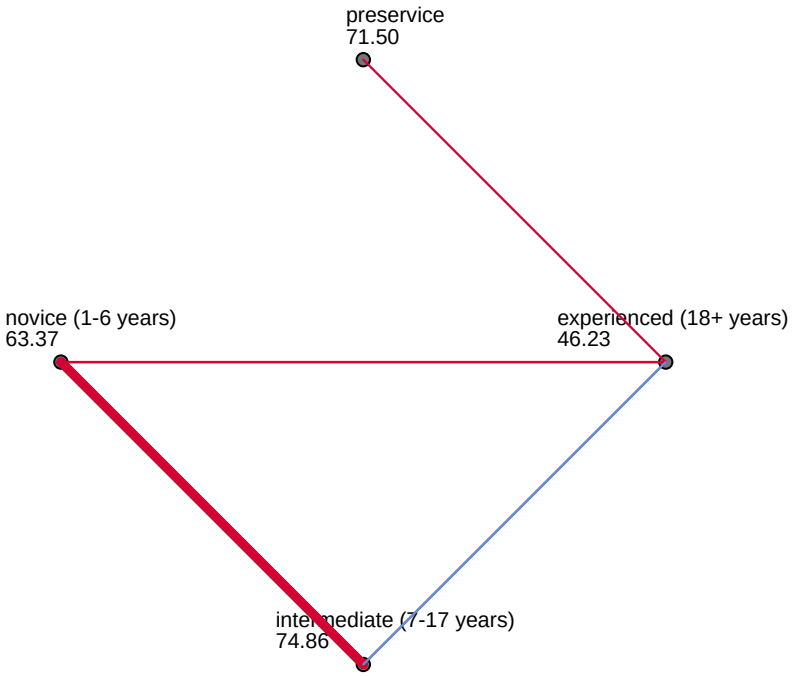
Pairwise Comparisons of YearsTeachinggroup

Sample 1-Sample 2	Test Statistic	Std. Error	Std. Test Statistic	Sig.	Adj. Sig.[a]
experienced (18+ years)-novice (1-6 years)	17.140	7.975	2.149	.032	.190
experienced (18+ years)-preservice	25.271	11.056	2.286	.022	.134
experienced (18+ years)-intermediate (7-17 years)	28.630	7.926	3.612	.000	.002
novice (1-6 years)-preservice	8.132	10.937	.743	.457	1.000
novice (1-6 years)-intermediate (7-17 years)	-11.491	7.759	-1.481	.139	.832
preservice-intermediate (7-17 years)	-3.359	10.901	-.308	.758	1.000

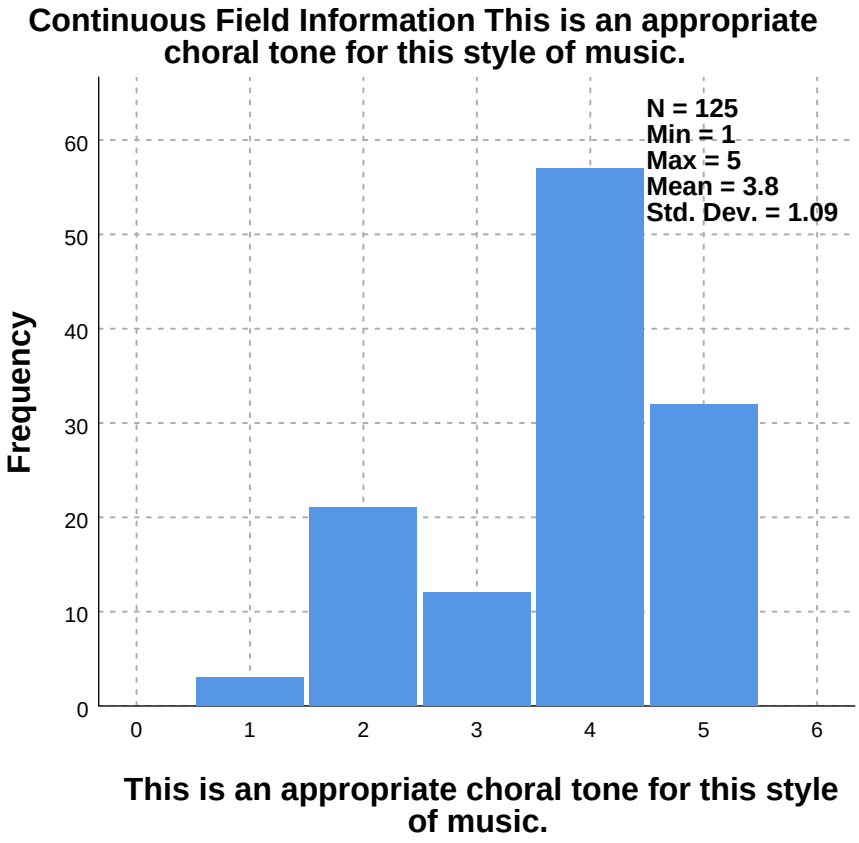
Each row tests the null hypothesis that the Sample 1 and Sample 2 distributions are the same. Asymptotic significances (2-sided tests) are displayed. The significance level is .05.

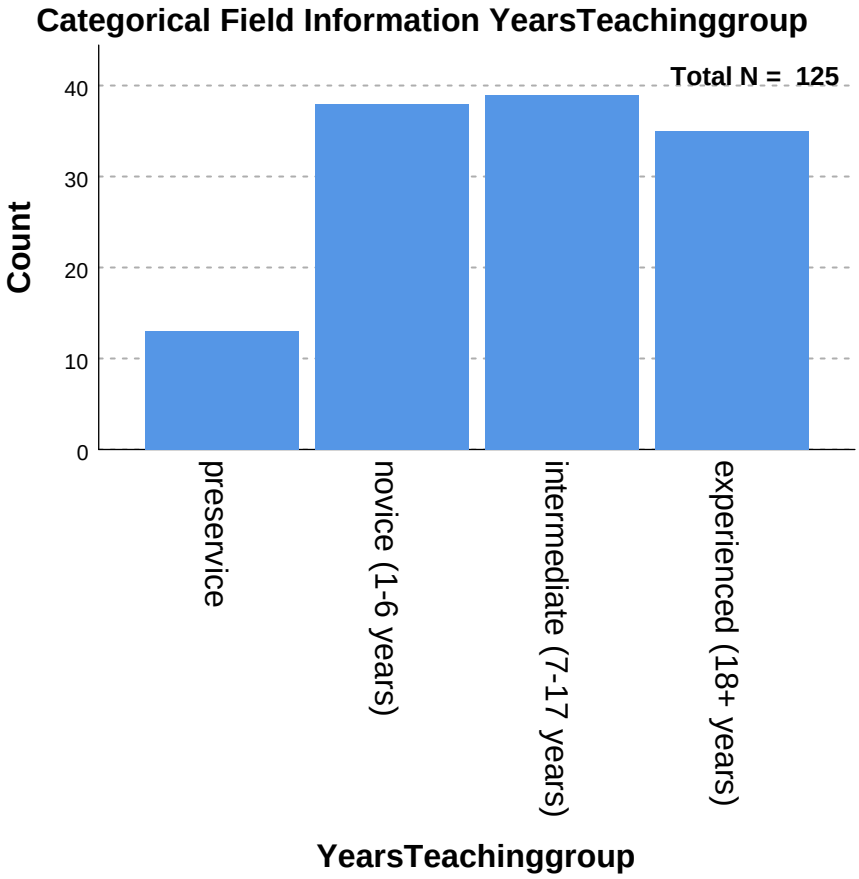
a. Significance values have been adjusted by the Bonferroni correction for multiple tests.

Pairwise Comparisons of YearsTeachinggroup



Each node shows the sample average rank of YearsTeachinggroup.


Continuous Field Information This is an appropriate choral tone for this style of music.
N = 125
Min = 1
Max = 5
Mean = 3.8
Std. Dev. = 1.09
Frequency
60
50
40
30
20
10
0
0
1
2
3
4
5
6
This is an appropriate choral tone for this style of music.




```
 *Nonparametric Tests: Independent Samples.
NPTESTS
  /INDEPENDENT TEST (S8Q5) GROUP (YearsTeachinggroup) KRUSKAL_WALLIS(COMPAR
E=PAIRWISE) MEDIAN(TESTVALUE=SAMPLE COMPARE=PAIRWISE)
  /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
  /CRITERIA ALPHA=0.05  CILEVEL=95.
```

Nonparametric Tests

Notes

Output Created		09-FEB-2020 17:10:37
Comments		
Input	Data	\\Client\H$\Choral+Music+Performance+Assessment+Evaluation_11.22.19.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	125
Syntax		NPTESTS /INDEPENDENT TEST (S8Q5) GROUP (YearsTeachinggroup) KRUSKAL_WALLIS (COMPARE=PAIRWISE) MEDIAN (TESTVALUE=SAMPLE COMPARE=PAIRWISE) /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0.05 CILEVEL=95.
Resources	Processor Time	00:00:00.94
	Elapsed Time	00:00:01.27

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.
1	The medians of This is an appropriate choral tone for this style of music. are the same across categories of YearsTeachinggroup.	Independent-Samples Median Test	.[a]
2	The distribution of This is an appropriate choral tone for this style of music. is the same across categories of YearsTeachinggroup.	Independent-Samples Kruskal-Wallis Test	.001

Hypothesis Test Summary

	Decision
1	Unable to compute.
2	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .050.

a. All test field values are less than or equal to the median.

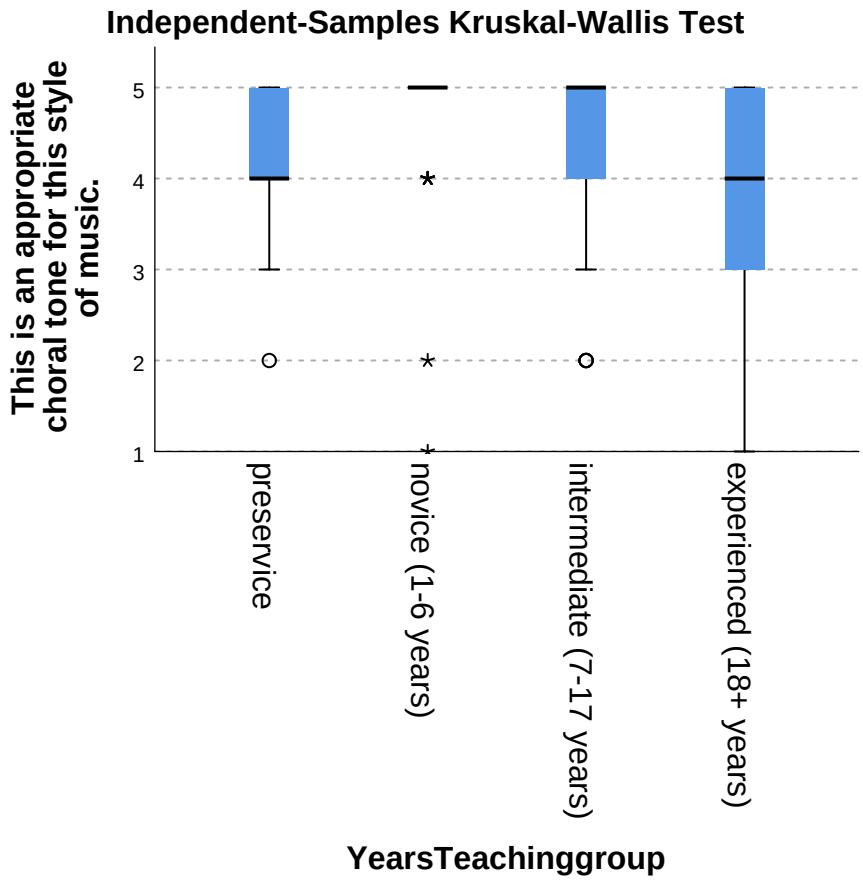
Independent-Samples Kruskal-Wallis Test

This is an appropriate choral tone for this style of music. across Year sTeachinggroup

Independent-Samples Kruskal-Wallis Test Summary

Total N	125
Test Statistic	17.372[a]
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	.001

a. The test statistic is adjusted for ties.



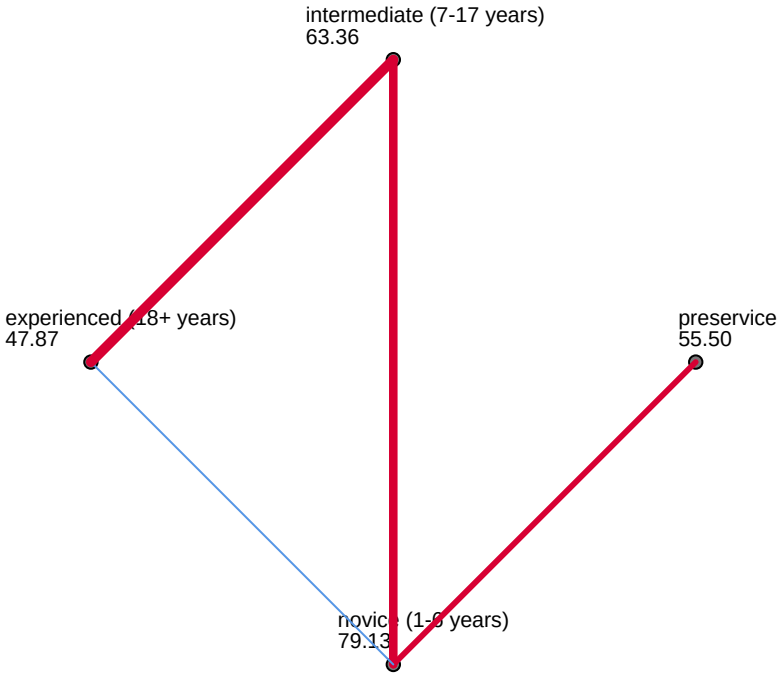
Pairwise Comparisons of YearsTeachinggroup

Sample 1-Sample 2	Test Statistic	Std. Error	Std. Test Statistic	Sig.	Adj. Sig.[a]
experienced (18+ years)-preservice	7.629	10.638	.717	.473	1.000
experienced (18+ years)-intermediate (7-17 years)	15.488	7.626	2.031	.042	.254
experienced (18+ years)-novice (1-6 years)	31.260	7.673	4.074	.000	.000
preservice-intermediate (7-17 years)	-7.859	10.489	-.749	.454	1.000
preservice-novice (1-6 years)	-23.632	10.524	-2.246	.025	.148
intermediate (7-17 years)-novice (1-6 years)	15.773	7.466	2.113	.035	.208

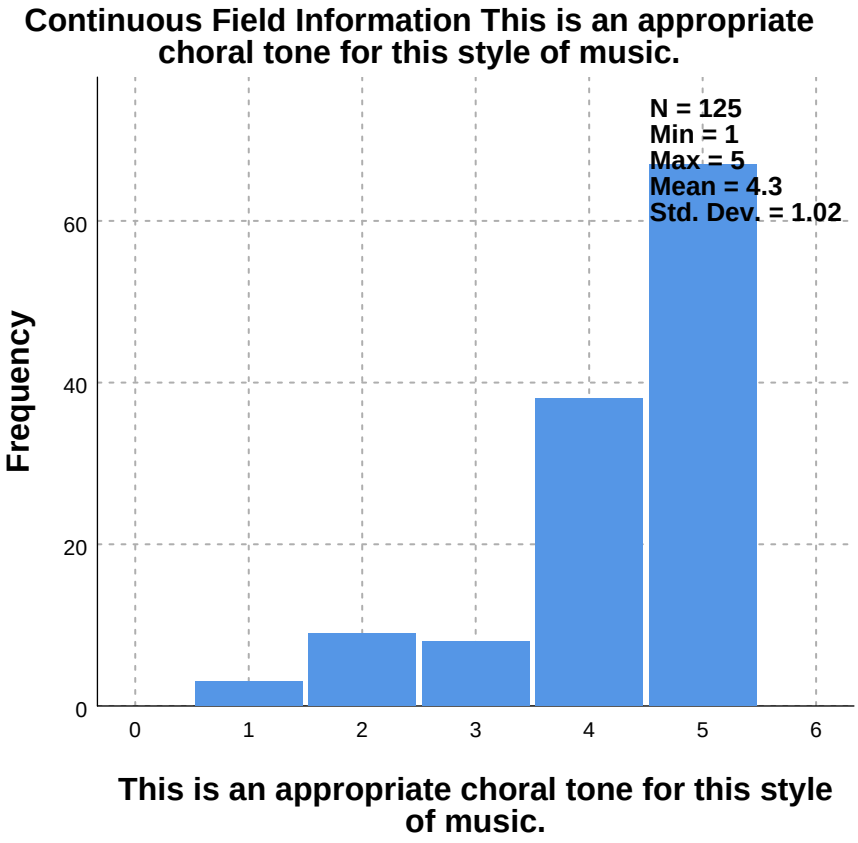
Each row tests the null hypothesis that the Sample 1 and Sample 2 distributions are the same. Asymptotic significances (2-sided tests) are displayed. The significance level is .05.

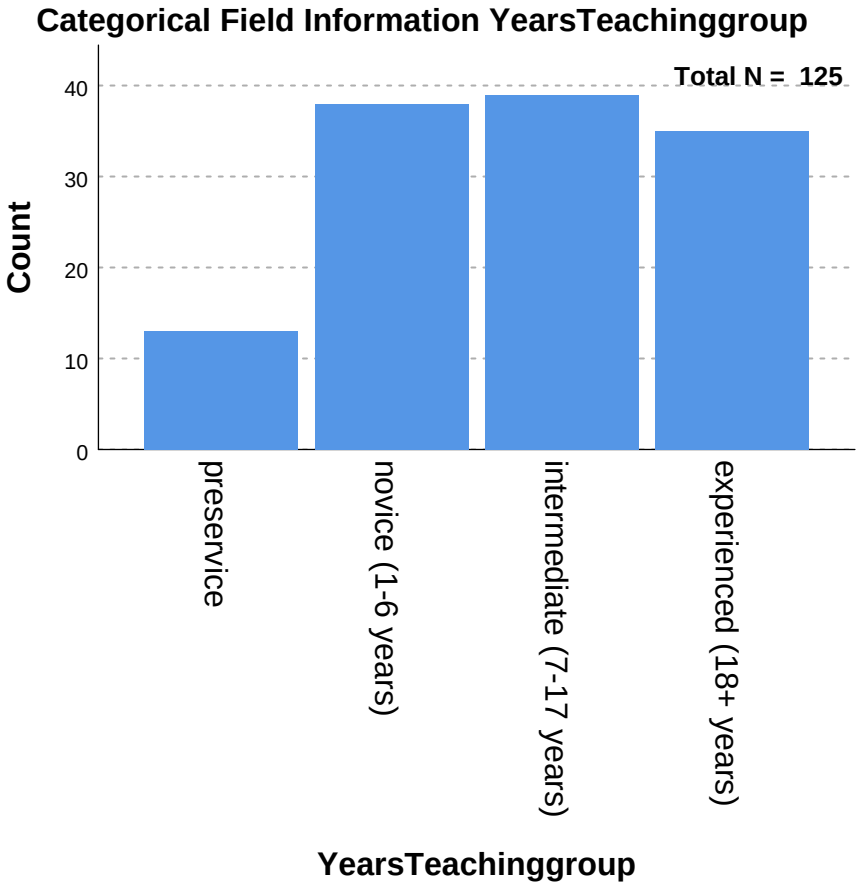
a. Significance values have been adjusted by the Bonferroni correction for multiple tests.

Pairwise Comparisons of YearsTeachinggroup



Each node shows the sample average rank of YearsTeachinggroup.


Continuous Field Information This is an appropriate choral tone for this style of music.
N = 125
Min = 1
Max = 5
Mean = 4.3
Std. Dev. = 1.02
Frequency
60
40
20
0
0
1
2
3
4
5
6
This is an appropriate choral tone for this style of music.


Categorical Field Information YearsTeachinggroup
Total N = 125
Count
40
30
20
10
0
preservice
novice (1-6 years)
intermediate (7-17 years)
experienced (18+ years)
YearsTeachinggroup