

A Study of the Sound Similarities and Differences in the Artistic Expressions of Vocal Chorus and Solo

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Abstract: Vocal chorus and solo are different in many aspects, mainly from the aspects of breath, resonance, characteristics, voice state, language to control the different expression, so as to achieve different effects, highlight different characteristics and personalities. The article will analyze from two aspects. On the one hand, it will analyze the common relationship between the two before, study the commonness, study the form of singing, and how to use the breath of chorus and solo. On the other hand, it analyses the singing skills and how to control the breathing rhythm to achieve better singing effect.

1. Introduction

By studying and analyzing the singing skills of chorus and solo, we can learn more comprehensively, compare more stereoscopically, see the similarities and differences between chorus and solo intuitively. Through the analysis, we can see that chorus needs many people's voice harmony, and requires unity very much. The aesthetic feeling of mutual influence can be reflected directly. It belongs to the polyphonic part. Solo singing belongs to the monophonic part, which focuses more on self-expression and personality. Chorus is not a group of people singing together, each of them cares for his own, not a person performing well or excellent chorus, need a lot of people to work together, there are many singing skills in chorus, really need to have personal accomplishment, but each person should complement each other and cooperate with each other. Solo singing focuses on improving themselves, adding a variety of musical elements.

2. The Common Idea of Voice between Chorus and Solo

2.1 Chorus and solo belong to the same artistic form as the main body

The main content of chorus and solo is vocal music performance, which expresses skills in the form of singing, so there is little difference between them before.

The combination performance by multiple voice parts is chorus, which is common in life. It requires many people to perform together. Solo singing only needs one person to perform single voice part. Solo singing can express personal characteristics and highlight personal characteristics, but it cannot achieve the progressive manifestation of multi-voice levels of chorus. Chorus art can overlap many people's characteristics and achieve progressive manifestations through mutual cooperation and command. Therefore, when chorus is performed, it will have a variety of characteristics, can have more shocking expression, louder sound, more diverse forms of expression, can achieve breath extension. However, it seems that because chorus performance requires multiple voices, many people who cooperate with each other are required to have a good command of singing skills and vocal methods.

Solo singing is not so different from chorus in terms of vocal skills and vocal methods. It needs to be mastered proficiently. It is a very solid basic skill. Only when the music foundation is well laid and then expressed can we express something deeper and convey feelings through music.

In conclusion, when chorus and solo are performed, the same subject of expression has common requirements for singing skills and vocal methods.

2.2 Application of resonant cavity

Resonance is a kind of sound, which is produced through the formation of more Abstract sensations by human organs. The voice produced by vocal cord vibration is called the original sound. When the original sound and resonance are used together to express, the voice can be rich and expressed more fully. There are similarities between chorus and solo. For example, beautiful timbre is a necessary condition. Both of them need to be possessed. In addition, in terms of sound location and volume range, chorus art and solo art have little difference in basic requirements. If you want to have a beautiful standard of pronunciation, with skills and breathing, through the coordination of the original sound and resonance, the sound can be more aesthetic.

Sound control can be achieved by resonance. If you want the voice to become thicker and deeper, you can express it by controlling the breath of resonance. Resonance plays a vital role in both chorus art and solo art. If you want to change the timbre, you need to use the head cavity resonance to improve the timbre, the span of the range and the duration of the sound. The increase of tremor in high voice can make the timbre brighter. It can be said that resonance in chorus and solo can control the expression more easily and has a unique rendering ability.

2.3 The importance of clear pronunciation

In the art form of vocal music, language is the most direct form of expression of works. The art of singing is to exaggerate and beautify language. In many cases, the cooperation between language and music is singing. Pronunciation is the main way to improve the ability of speech expression in singing. In the process of singing, high-quality voice performance is always a key contagion and clarity. Whether it is solo or chorus, the process of singing is the process of language expression. A successful performance must first let the audience know what you want to express and infect others. Many teachers will ask vocal music learners to read the lyrics of the works before singing, and understand the emotions of the works from the perspective of language. Therefore, in order to present the chorus works better, all the members of the chorus must have a unified understanding of the language and music expression of the works. Thus, clear pronunciation is a necessary condition for learning vocal music and chorus.

Table 1. The commonalities of chorus and solo in sound concepts

Performing Form	forms of art	The use of resonance cavity	Clear bite
Chorus art	Singing skills and vocal methods	Cooperating skills and breathing	The expression of music has a unified understanding and understanding
Solo art	Singing skills and vocal methods	Cooperating skills and breathing	The expression of music has a unified understanding and understanding

3. The Individuality of Chorus and Solo in Singing Skills

3.1 Comparisons between Chorus and Solo

There are some similarities between chorus and solo. For example, beautiful timbre is a necessary condition, both of which need to be possessed. In addition, chorus art and solo art have basic requirements in phoneme and volume range, and there is no big difference. If you want to make your voice beautiful and standard, you can make it more beautiful by using techniques and breathing, by harmonizing the sounds with the resonances. The difference between chorus and solo is that they do not need to consider the necessary voices and harmony as members of the chorus. Soloists can boldly deduce their own characteristics, and chorus to achieve results, we must control the breathing, resonance, strength of the singer, in order to achieve the overall effect. There are two types of chorus vocalization: sudden vocalization and slow flexible vocalization.

1) Suddenly sound - hard up. A sudden sound. It refers to the breathing impact of vocal cord vibration, issued; clean, crisp, elastic, explosive.

2) Slow soft voice - soft voice. Slowly, gently. When making a sound, breathe slowly, let the voice exhale slowly, and breathe to support the voice, so as to breathe evenly and sound mellow.

3) Straight voice - keep the state after the first straight voice is emitted, reduce the vibration of the voice, control the breathing, avoid the sound vibration caused by breathing relaxation, thus affecting the overall chorus effect. It can be seen that chorus and solo have a common and unique way of voice production. Compared with solo singing, chorus is richer and needs harmony and freedom.

3.2 The comparison of breathing between chorus and solo

The multi-voice group performance is chorus, which is very common in life and requires the cooperation of many people. Solo singing requires only one person to sing in one voice. Solo can better express personal characteristics, highlight personal characteristics, but can not achieve the progressive manifestation of multi-voice chorus. Chorus art can overlap the characteristics of multiple characters and achieve progressive expression through mutual cooperation and command. Breathing is an important link in the art of singing. When you have the right breathing passage, it is possible to produce a pleasant song. When people are in a very natural state, breathing is an unconscious activity. The difference between singing is that breathing is designed according to the effect of the work. In order to form a good chorus resonance timbre, accurate pitch and clear pronunciation, the most important thing is to have correct breathing.

Table 2. Individuality of Chorus and Solo in Singing Skills

Performance form	Part	Comparison of breathing	Vocal comparison
Chorus art	Multi-voice	Transform according to the needs of the artistic style of the work	Boldly interpret your own characteristics
Solo art	Mono part	Accurate pitch and clear pronunciation	Sudden vocalization and slow flexible vocalization

The breathing in chorus should be changed according to the need of the artistic style of the work, so any chorus member should have more than three breathing methods, which can make breathing have a good support in any case. The degree of air absorption and the pitch of the sound should be the same as the vocal cords. How many breaths should be used for different pitches, so when singing, the breath of different pitches is different. Chorus has several specific breathing methods different from Solo singing:

1) The most common breathing method in chorus is that all members breathe together and breathe together. It requires the members of the chorus to breathe in together. And have a good understanding of the conductor, in order to avoid affecting the overall effect.

2) Four voices breathe in turn, and one voice acts as the unit of breathing and ventilation. Without affecting the integrity of the melody, pay attention to the command gestures and hints of gestures, listen to each other in the various parts of the voice, and keep the voice level clear.

3) One of the most unique techniques in the art of circulatory breathing. Under the commander's arrangement, some people inhale and exhale different sentences according to their breathing volume. The shape of their mouth should be the same as that of the singing part. Pay attention to the uniformity of breathing and do not destroy the coherence of the whole. Circulating breathing can maintain sound continuity and display technical changes in speed, intensity and color. For example, in "On the other side of the forest", the male voice needs 12 beats, and most members of the team can't support Jidong in one breath, so they use the method of circular breathing to complete it.

4. Conclusion

In a word, vocal chorus and solo are different in many aspects, mainly from breathing, resonance, characteristics, voice state, language control and other aspects to control different performance, so as to achieve different results, highlight different characteristics and personalities. Through the analysis, we can see that chorus needs harmony of many voices and unity. The beauty of mutual influence can be directly reflected. Chorus belongs to polyphony. Solo singing belongs to the monophonic part, which pays more attention to self-expression and highlights personality. Chorus is not singing together by more than one person. Every person who considers himself or herself does not perform well is an excellent chorus. It requires more than one person to work together. There are many singing skills in chorus. It really needs personal qualities, but everyone should complement each other and cooperate with each other.

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