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Regional development of China's sports dance characteristic and influence the differences of research

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ABSTRACT

Is humongous, Chinese culture has a long history, sentient beings, spectacular ladies if stars. Across different local conditions and customs, rows, all rivers run into sea. Regional character strengths and strange and metropolis beautiful; There are one hundred species characteristics and tend to be rich. In this paper, through numerical analysis the popularity of Chinese sports dance in various parts of China, respectively, from the "adult", "youth", "young", "old age" the four ages to participate in sports dance list analysis can be concluded that the number of the Chinese nation in a foreign culture (sports dance) and popularity, in turn, it is concluded that: the number of styles vary from region to region, accept degree is different, love of sports dance level also have differences.

KEYWORDS

Numerical analysis; Sports dance; Cultural differences; Regional distribution; Mass fitness; Physical health.



INTRODUCTION

Sports dance is also called the gb standard ballroom dancing, sports use it as a matter of two people cooperation project, using the technology steps, and art show of force to show different style and is a high level of dance forms. Sports dance development has experienced the "primitive dance, dance, folk dance - court - social public - old international standard ballroom - new country standard ballroom dancing" the stages of development. Sports dance is established on the basis of the ballroom dancing, corresponding to the development of sports dance can be divided into two phases: the first stage is that America's royal sports dance association of professional teachers to organize the dance, dance and dance to the standardization and systematization. Is the second phase of development, known as the "tango", "jig" and "rumba these called normal international ballroom dance is also called normal sports dance.

Sports dance is a kind of two people together of sports, they are usually defined as male and female, two people a couple into a dance. In order to make China's sports dance can get good grades in the international of the big games, since sports dance was introduced into China, was deeply loved by people all over the country, and making sports dance in the growth of China's thriving. At present in China increased year by year, the number of provincial sports dance sports dance as China's rise to a new sports project, the rapid development of sports dance in just a few decades, and enriched the spiritual life of the Chinese people, therefore, sports dance association was set up in China, and has held three international sports dance of big games and 12 times the national championship, and invited many international famous I come to China to give lectures and experience.

To this, the cause of China's sports dance has obtained certain achievement in the big games. In Bangkok Asian games, for instance, China's sports dance sport player won the second and third place in the "modern", "Latin" third honors. Such good grades also means China's sports dance from the side with further development, we believe that China's sports dance soon in the future will have a higher leap.

MODEL ESTABLISHMENT

Numerical analysis algorithm, as a mathematics subordinate discipline, it should widely use of statistical analysis of data, it is mainly analysis and research to the computer to solve the questions about math, is the main part of the computational mathematics.

Using research, using computer to solve the corresponding engineering calculation and numerical analysis algorithm of various disciplines (approximate estimation), to evaluate the accuracy of the calculated results, and how to implement it on a computer solving process, etc. In the process of numerical analysis, various numerical methods in management science, information science, life science, science and engineering calculation has been widely used in such as interdisciplinary.

Numerical analysis algorithm calculation

Numerical analysis algorithm for sports dance, mainly to the sports dance to the northeast China, north China, east China, central China, south China, southwest, northwest, the seven areas were analyzed. In the process of internationalization of sports dance, Chinese each region due to differences in local customs, lead to the popularity and influence degree of sports dance has a certain impact.

China's sports dance athletes in the distribution of the various provinces and cities can not only from a certain extent, shows that the sports in the region to carry out the universal situation, this article

on the current 63002 dance sport athletes in accordance with the "adult", "youth", "young", "old age" to classify statistics, the results such as TABLE 1.

TABLE 1: Chinese sports dancers' amount distribution

Region	Adult	Youth	Teenager	Old	Total	Dance fitness population (ten thousand people)
Beijing	2000	860	2560	200	5620	120
Tianjin	840	130	930	60	1960	78.6
Shanghai	1176	446	2086	188	3896	130
Heilongjiang	900	80	150	0	1130	160
Jilin	200	326	1230	52	1808	174.3
Liaoning	960	260	1200	100	2520	335
Inner Mongolia	120	30	200	0	350	42
Hebei	526	78	998	12	1614	153
Shandong	1274	224	1994	98	3590	375
Henan	656	122	1434	34	2246	268.4
Jiangxi	876	58	998	26	1958	169
Shanxi	258	96	992	0	1346	171
Shanxi	220	54	128	0	402	98.6
Hunan	1643	96	992	62	2793	254.7
Hubei	1768	230	1480	98	3576	342.8
Anhui	2468	352	2226	190	5236	300
Jiangsu	2980	780	2576	306	6642	420
Zhejiang	634	56	798	22	1510	344
Guangxi	780	98	948	32	1858	59.7
Guangdong	3200	700	3500	200	7600	360
Qinghai	24	8	72	0	104	2
Xinjiang	150	60	80	0	290	46
Tibet	0	0	0	0	0	0.2
Yunnan	732	44	778	88	1642	82
Sichuan	338	78	686	46	1148	357.7
Guizhou	88	30	164	0	282	71.6
Gansu	30	2	120	0	152	37
Fujian	126	36	456	20	638	153
Chongqing	774	66	998	12	1850	148
Ningxia	0	0	0	0	0	1
Hainan	0	0	0	0	0	2
Total	25732	5350	30074	1846	63002	5256.6

(Data source: Zhao Li and others questionnaire survey statistical results)

Northeast China region sports dancer statistical analysis

The northeast person (this refers to heilongjiang, jilin, liaoning provinces). Originated from the ancient northern barbarians tribes, with hints of xianbei ethnic minority group. The prominent in manchu and prosperity, datong in the beginning of the republic of China. The northeast person appeared a lot of celebrities in history. Such as: zhang xueliang, nuerhachi, Peiping, etc. The nature of the northeast people generous, passionate and make public, it is same also. However, although they physically strong,

but the brain is slightly less developed, the typical brains, simple so that history, the northeast people become a gun of the intelligence quotient (IQ), and thus have the northeast army unierse shenzhou.

The northeast three provinces "adult", "youth", "young", "old age" to classify statistics they participate in sports dance, sorts through the data in TABLE 2.

TABLE 2: Northeast China region sports dance popularization status

Region	Heilongjiang	Jilin	Liaoning
Adult	900	200	960
Youth	80	326	260
Teenager	150	1230	1200
Old	0	52	100
Total	1130	1808	2520
Dance fitness population (ten thousand people)	160	174.3	335

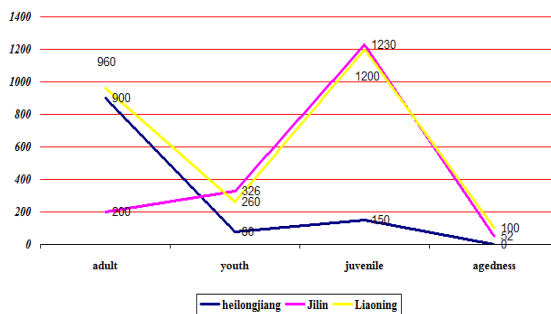


Figure 1 : The popularity of sports dance in northeast China

From above analysis, and combine with northeast people characters here it gets in northeast three provinces Heilongjiang only adult is more during “adult”, “youth”, “teenager” and “old”, and “youth”, “teenager” and “old” occupied number of people is little.

North China sports dancer statistical analysis factor analysis

In north China including Beijing, tianjin, hebei, shanxi, Inner Mongolia, the provinces and cities.

In north China, derived from the cavemen, ancient heritage and history. Beijing belongs to the yanzhao earth in history, there are few celebrities. But the DouE case works, are in north China. Beijing is the ancient capital of several dynasties, but in China most of the celebrities are in Beijing. North China people proud of yuan Ming dynasties royal resort, more pride in tiananmen square, the five-star red flag raised. Conquest of Beijing is not Beijing local people, but to the great god of all stripes all over the world.

Tianjin, shanxi people, also originates from the cavemen. Since ancient times is irrespective of the Beijing and tianjin, have the same custom and human feelings, tianjin for narrow reasons, history belongs to yan's turf. Tianjin person personality is bright and clear, open-minded, status quo and adventurous. But tianjin people nature also humorous, since ancient times have their own sense of humor "ErDuoYan Fried cake", "goubuli stuffed bun" and "twist the 18th street", there is also a famous comedian Ma Sanli "tease you play". Tianjin local dialect also has its characteristics, namely the original magnetic again. Although the place is not big, the customs of the orthodox did not be foreign assimilation, is glad. And in Shanxi Province is one of the central regions of the origin of Chinese

civilization. A common saying says the shanxi people "nine MAO nine". Shanxi person is very stingy. Shanxi people's character is complex and changeable., inhibition, ashamed to appear but also brave, indulgence, with great dedication. Shanxi people drink vinegar, therefore, the shanxi people more love "jealous".

This "adult" in the five provinces of northern China, "youth", "young", "old age" to classify statistics they participate in sports dance, sorts through the data in TABLE 3.

TABLE 3 : North China sports dance popularization status

Region	Beijing	Tianjin	Inner Mongolia	Hebei	Shanxi
Adult	2000	840	120	526	258
Youth	860	130	30	78	96
Teenager	2560	930	200	998	992
Old	200	60	0	12	0
Total	5620	1960	350	1614	1346
Dance fitness population (ten thousand people)	120	78.6	42	153	171

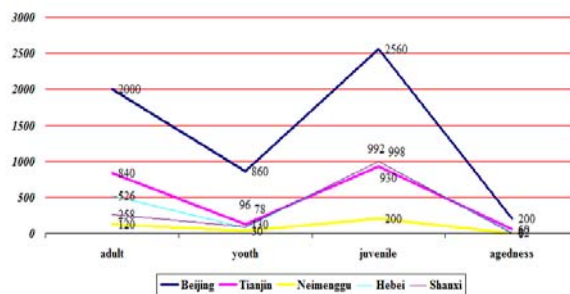


Figure 2 : In China the popularity of sports dance

Correspond to above analysis, it is clear that north China sports dance popularization best situation is in Beijing, secondly is Tianjin, the worst popularization status is in Inner Mongolia.

Eastern China sports dancer statistical analysis

Eastern China contains Fujian, Shandong and other provinces. In Chinese history, many ideologists and philosophers are mostly Shandong people, and their spiritual force is Confucianism, which is also used as their pride. "Supreme in five holy mountains"—Mountain Tai location is in Shandong, there were a legend "Mounted to Mountain Tai and the world gets smaller". Due to Shandong people thought is conserved and restrained, they love to use spiritual victory method, despise actual thought better than idealism, and they don't lack of surpassing thought. In addition, Shandong people appearance features are tall and strong, Shandong women's feet size is twice that of Yangtze River women. Shandong men are mostly straight and tall but handsome ones are fewer. Shandong beauty is fewer, even one is beauty, as long as speaks native dialect, it will be also astonishing. Shandong people have a fancy for making brew, but what they made are mostly faints. Shandong people love eating garlic, spring onions and other strong food; therefore, most of Shandong people have disease of bad breath, but with strong body.

Jiangsu and Zhejiang people, firstly talk about Jiangsu people, grand and gentle. Suzhou garden (Jiangsu) is well known to all far and near, though floor area is not big, it is small and exquisite. Delicate curving lets people to praise it as extremely fine craftsmanship. Therefore, Jiangsu people were thoughtful and cautious since ancient times, but their conduct in life is also hard to fathom by others. Deft and full of aesthetic sensation's Jiangsu women made a living in the country with Suzhou embroidery reputation. And Zhejiang men mostly have the look of women, gentle words and fastidious

behaviors. Good reputation of Jiangsu is spread around the world, just “there is a paradise in heaven, while there are Suzhou and Hangzhou in China”, and it fascinates people. Jiangsu and Zhejiang areas beauty, voice is clear and melodious as rings; skin is smooth as jade texture, which really let people to feel hard to forget.

Shanghai people are orthodox heirs of Wu and Yue, and also contain each kind of elites of barbarians. For Shanghai, there is no history to pursue. Therefore, Shanghai is not only the desert of culture, and also the barren island in the history. Since it was forced to open in middle and end of 19th century, it led to lots of merchants gathered in Shanghai, economy and trade have been rapidly developed. Together with foreign barbarians fought for places in Shanghai, local each kind of big person went along for the tide. Therefore it developed Shanghai into “Oriental New York”, modern industrial scale is grand. Shang native people is naturally cunning, craft despising all, and doing well in currying favor, tart and mean, love gaining petty opportunities, exclusive and overestimate themselves. But lots of success people appeared in Shanghai, they are not native people, just some outlanders utilized local advantages.

With regard to this, make classification statistics of north China five provinces “adult”, “youth”, “teenager” and “old” their sports dance participation status, and sort the data as TABLE 4.

TABLE 4 : Eastern China sports dance popularization status

Region	Shanghai	Shandong	Anhui	Jiangsu	Zhejiang	Fujian
Adult	1176	1274	2468	2980	634	126
Youth	446	224	352	780	56	36
Teenager	2086	1994	2226	2576	798	456
Old	188	98	190	306	22	20
Total	3896	3590	5236	6642	1510	638
Dance fitness population (ten thousand people)	130	375	300	420	344	153

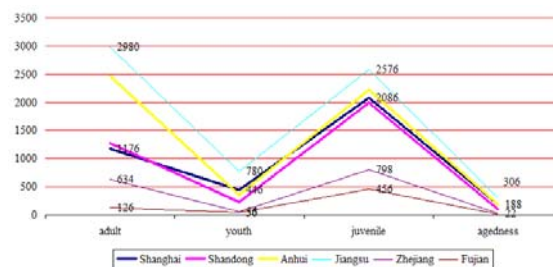


Figure 3 : The popularity of sports dance in east China

Correspond to above analysis it is clear that eastern China overall status is better, eastern China due to its better geographic positions, contacting sports dance items are more, so overall sports dancers are more.

Central China, south China sports dancer statistical analysis

Central China and south China contain Hubei, Jiangxi and others seven provinces. Character analysis is as following, Henan people—Central plains orthodox in Yellow River basin. Henan has profound history, deep cultural background. Over the long history, Emperor Zhao had ever took along with million Henan mass escaped Kingdom Jin, and carried out a large scale transferring to the south. Therefore, modern Jiangsu and Zhejiang areas most forefathers were Henan people. In history, Henan people suffered tribulation and hardships. Henan located central plains that was in the fort, was a hotly contested spot of each army since ancient times, constantly suffered chaos of wars, and so that led to

Henan people escaped to everywhere. Now Henan people widely spread every province and city in China, which is also a kind of human conquering way. And Henan people have left bad overall impressions to people since opening –up and reform. Fairly, it was just some bad meat let a great soup to go bad. From other perspective, “Bad people are everywhere”, so, Henan people shouldn’t underestimate themselves, Henan people widely spread the whole country was just their pride. Henan people are loyal to friends, and they love Shaolin Kungfu. Henan people have great courage, and also accordingly emerges many bravos. In history, Henan famous people are Lao Zi the creator of Taoism, and great handsome man—Pan An, and national hero Yue Fei, just because of these, Henan people have a great experience, they aren’t blindly exclusive.

Hubei, Hunan people---China orthodox heirs of Yangtze River basin, it belongs to Kingdom Chu in spring and autumn warring state period. Hubei is province that has most lakes in China, so Hubei people show special preference to seafood. Hunan, Hubei people most pride on their Chu culture. Though slightly inferior to central plains, they are higher than south barbarians. Hunan Hubei people forefather King Zhuang has ever had brave words “Didn’t fly in three years, once fly it reaches to the sky; Didn’t sound for three years, once sound, it astonishes people”, which reflects Hunan, Hubei people pretension and arrogance mental state. Hunan, Hubei people are mostly clever but slight sly. Hunan, Hubei people are aggressive and bold, but lack of intelligent thinking. “Though Chu has only fewer people, it still can defeat Qin”as a result defeated by Qin. Later Xiang-Yu “discredited to villagers again”. In history, Hubei famous people is Qu Yuan, “Nine songs”, “Li Sao” and “Tianwen” can be called as outstanding works. But in recent history, there is also a betrayer Li Biao, which shows Hunan and Hubei people also have rebellious spirits. Hubei girls are beautiful, but speak is not sound, they have impure Sichuan accent.

With regard to this, make classification statistics of central China and south China “adult”, “youth”, “teenager” and “old” four types of people, investigate their sports dance participation status, and sort the data as TABLE 5.

TABLE 5 : Central China, South China sports dance participants’ amount statistics

Region	Henan	Jiangxi	Hunan	Hubei	Guangxi	Guangdong	Hainan
Adult	656	876	1643	1768	780	3200	0
Youth	122	58	96	230	98	700	0
Teenager	1434	998	992	1480	948	3500	0
Old	34	26	62	98	32	200	0
Total	2246	1958	2793	3576	1858	7600	0
Dance fitness population (ten thousand people)	268.4	169	254.7	342.8	59.7	360	2

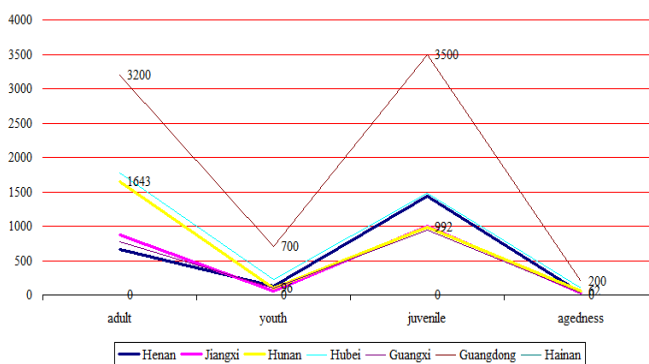


Figure 4 : The number of central and southern China to participate in the sports dance

Correspond to above analysis, it is clear that central China, south China sports dance popularization status and Guangdong as well as Guangxi are most Hainan province due to collecting causes without counting its number of people, here don't discuss.

Southwest, Northwest region Sports dancer statistical analysis

Southwest, Northwest region contain Sichuan, Yunnan, Guizhou, Tibet, Chongqing, Ningxia and others ten provinces. Northwest region's Gansu, Ningxia, Xingjiang people, their forefathers are collateral branch of Lantian man, in Western Xia period, it flourished, and decayed in Genghis Khan western conquering. There is a common saying in Gansu: Tianshui is gold, Wuwei is silver, Lanzhou is choice, so Lanzhou is best city in Gansu province, but other scenes are not any better. Northwest region landforms are mostly Gobi with desert loess, therefore there is also a place of "Three not shit" place, even cow, sheep and rabbit will not shit here which can be called as bleak. Gansu has a profound cultural history. Take Mo Kao Grotto at Dunhuang as representative, secondly is the Silk Road, the third is "bronze gallop horse" and Jiayuguan. In history, there are famous people "flying general" –Li Guang, "poetic genius"—Li Bai, Emperor Gaozong of Tang-Li Yuan. Gansu people are conserved, simple and honest, kind. Character is inflexible with fewer innovations. Northwest people also due to wind and sand most are red faced. But strong and robust, less suffers bad cold.

Southwest region Tibet people—ancient Tibetan descendent. Among them there were some bloods of northwest barbarians. In Tang Dynasty period, Wen Cheng princess and Jin Cheng princess married far in Tibetan brought central plains civilization to southwest region. After dynasty Yuan established, Tibet became administrative region that affiliated central government, and entered into Yuan Empire map. Southwest region people mostly believed in Lamaism. Therefore, they established luxurious Potala palace, Panchen and Dalai Lama were leaders of regions that they believed. Northwest region people also due to plateau climax, skins were dark. Tibet people were devout, but common Tibet people paid little attentions to hygiene, behavior was procrastinating. But they are very hospitable; a stripe of hada is their sublime faith in them.

With regard to this, make classification statistics of southwest northwest regions "adult", "youth", "teenager" and "old" their sports dance participation status, and sort the data as TABLE 6.

TABLE 6 : Southwest, Northwest regions' sports dance participants amount statistics

Region	Adult	Youth	Teenager	Old	Total	Dance fitness population (ten thousand people)
Shanxi	220	54	128	0	402	98.6
Qinghai	24	8	72	0	104	2
Xingjiang	150	60	80	0	290	46
Tibet	0	0	0	0	0	0.2
Yunnan	732	44	778	88	1642	82
Sichuan	338	78	686	46	1148	357.7
Guizhou	88	30	164	0	282	71.6
Gansu	30	2	120	0	152	37
Chongqing	774	66	998	12	1850	148
Ningxia	0	0	0	0	0	1

Correspond to above data; it makes bar chart as Figure 5.

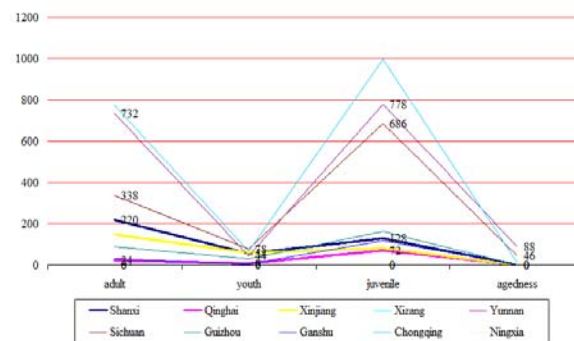


Figure 5 : Southwest, northwest area sports dance, the number of statistics

From above analysis, it is clear that sports dance has obvious differences in China northwest, southwest region popularization status, Ningxia doesn't have one sports dancer, most are in Yunnan, it can compare with overseas developed regions.

CONCLUSION

China is a large country, and it is humongous, cultural source, sentient beings, spectacular, ladies if stars. Around the local conditions and customs are different, with, all rivers run into sea. The regional character strengths and strange, metropolis beautiful. 56 kinds of national, 56 flowers, 56 kinds of color. By accepting foreign culture to them (sports dance) and the number of popularity can be seen: styles vary from region to region, accept degree is different, love of sports dance level also have differences.

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