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Analytic Study

The Genetics of the Races of Humans

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Abstract

After growing up in different populations and countries, most specifically, jamaica, canada, and the united states of america, and being exposed to the white fitzpatrick 1 race of humans, and the black fitzpatrick 6 race of humans, I realized there might be more differences than merely the color of their skin. I have embarked on documenting, assessing, and analyzing the differences of the races of humans. This includes the phenotypic, genetic, and metabolic differences of the races of humans, and the evolutionary causes for those differences of races of humans.

In this article, I complete a secondary analysis of data revealed to me via youtube on the genetic makeup of 19 humans who revealed their genetic test results for their racial makeup. These tests were done by ancestry, myheritagedna, and 23andme.

I organized the tests results in a table and ranked the results in order by whiteness of the human's race, and whiteness of the genetic indicators.

The ability to locate genetic information that correlates with race indicates that races of humans have a genetic basis and that there are some specific race genes.

Introduction

As I have grown up I have been exposed to different racial groups. One being born in Jamaica, which is primarily a black-skinned fitzpatrick 6 skin type population, and then moving to Canada, which is primarily a white-skinned fitzpatrick 1 population. And eventually moving to the United States of America.

It was baffling to me this idea that we are all created equal as humans, when in fact it is quite clear that we are all different, even when just assessing skin color. So this is part of the reason why I sought to further understand this discrepancy in reality, are we all equal, possibly just with different skin colors, or are we truly different and what is the genetic evidence of this.

I have realized that we really are different, and have even formed into different races of humans due to genetic isolation as a part of our evolutionary processes, and due to differences in migration patterns, differences in nutrition, and differences in sun exposure. And also due to differences in disease exposure.

As a result of these things, and possibly other factors, we have evolved and mutated genetically differently, divergently at times, homologously at times, and even convergently at times. So the races of humans is a factor of divergent evolution, homologous evolution and also convergent evolution, and is genetic.

Type of Study

This is a secondary analysis of data that had been revealed publicly via youtube videos.

Methodology

I came across videos on youtube of humans revealing their genetic make-up according to different racial and ethnic groups and geographical groups. These people used different tests, such as ancestry.com, myheritagedna, and 23andme. None of them had used helix. They took the test, waited for their results, and revealed their genetic make up to the public.

I watched these videos, and then even sought and searched for videos of humans from specific race groups, primarily using search terms associated with skin color. I found videos for white skinned humans, brown skinned humans, and dark brown skinned humans. I did not find videos for the humans representing the blackest skinned humans, fitzpatrick 6. But I did come close with finding one video of a dark skinned brown woman.

I then abstracted the demographic information for each individual, including their names, races, and genders. I also abstracted their genetic contribution data that they revealed to the public. This was all on youtube, and in the public domain of media and the internet.

I even did a google search to find a representative of the blackest communities who had done a video explaining their genetic makeup of their racial phenotype, such as a person from the congo of sub-saharan Africa. However, I did not find any that way.

I put this information in a table. I ranked the racial and ethnic, and geographic groups according to whiteness, going from whitest on the left, to blackest on the right.

I also ranked the individual humans according to whiteness too. I assessed the whiteness of their skin color, from watching them in the videos and also by comparing other features such as hair type and texture, nose morphology, and iris color, when possible. The whitest is at the top of the rank list, and the blackest is at the bottom of the rank list in the table.

I then assessed the difference in the racial and ethnic make-up of the individuals, as well as the geographic backgrounds of the individuals.

To keep this information organized, I wrote this information down on sheets of paper, and then did some the ranking by race for each video. Aftwerwards, I inputted it into a Microsoft excel worksheet and then integrated the data to complete my ranking of the individual humans by race. I used that worksheet to create one of the tables that is presented below.

Results

I found seven videos on youtube specifically filmed to reveal the genetic make-up of individual humans from specific racial groups.

Table 1: *Links to the seven videos on youtube and the races of the individual humans who were included*

Link to video	Race of individuals that were included
https://www.youtube.com/watch?v=Gf907q76YY4	White irish humans, and brown indian human
https://www.youtube.com/watch?v=WRJsMGW86Pk	Brown human
https://www.youtube.com/watch?v=2ZR_vMU8db8	Brown Asian American humans
https://www.youtube.com/watch?v=hI3BI7InnZQ	White black mixed human
https://www.youtube.com/watch?v=qoLQQgr_abc	Brown human
https://www.youtube.com/watch?v=Ah2fcqmSO3c	Brown African American humans
https://www.youtube.com/watch?v=ZhPiY_4WF5s	Dark brown African American human

Table 2: *Races for 19 humans of videos uploaded to youtube, showing their percentage of genetic contribution from specific racial and ethnic groups*

Human	Race	Gender	Irish/scottish/ welsh	ireland/scotland/ wales
john 2	white irish	man		
laura	white irish	woman		
john 1	white irish	man		
michael hoy	brown chinese caucasian	man		
mia barnett	brown japanese caucasian british	woman		

kristel	brown	woman	11.20%	
kevin nguyen	brown vietnamese french	man		
gene cho	brown korean	man		
kane diep	brown chinese	man		
aria inthavong	brown lao	man		
alexis belon	brown mixed white-brown italian african american. Identifies her father as black.	woman		
ray pajar	brown filipino	man		
sarina	brown indian irish	woman		
swasti shukla	brown indian	woman		
leidy valdez	brown	woman		
le sweet pea	brown african american	woman		5%
caitlin arthur	brown	woman		
unnamed	brown african american	man		
misfit mari	dark brown african american	woman		

Human	**British & Irish**	**Great britain**	**Scandinavian**	**finland/northwest russia**
john 2	94.60%			
laura	80.10%			
john 1	75.70%			
michael hoy	22.90%			
mia barnett	19.10%		2.20%	
kristel			34.20%	
kevin nguyen				
gene cho				
kane diep				
aria inthavong				
alexis belon	26.70%			
ray pajar				
sarina	3.60%			
swasti shukla				
leidy valdez	2.20%			
le sweet pea		18%		
caitlin arthur				
unnamed				
misfit mari		4%	<1%	5%

Human	northwestern european	Broadly northwest european	europe west	french & german
john 2				
laura				
john 1				
michael hoy		4.10%		24.20%
mia barnett		4.60%		21.90%
kristel				
kevin nguyen				
gene cho				
kane diep				
aria inthavong				
alexis belon				
ray pajar				
sarina				
swasti shukla				
leidy valdez	8.60%	6.50%		
le sweet pea			3%	
caitlin arthur				
unnamed				
misfit mari			<1%	

Human	European	East European	Europe east	Ashkenazi jewish
john 2		1.20%		4.20%
laura		5.60%		4.20%
john 1				
michael hoy				
mia barnett				
kristel				
kevin nguyen				
gene cho				
kane diep				
aria inthavong				
alexis belon				
ray pajar				
sarina		5.70%		5.70%
swasti shukla				
leidy valdez				

le sweet pea				
caitlin arthur	13.00%			
unnamed	20%			
misfit mari				

Human	european jewish	italy/greece	italian	Iberian
john 2				
laura				10.00%
john 1			9.20%	8.60%
michael hoy				
mia barnett				
kristel			19.80%	
kevin nguyen				
gene cho				
kane diep				
aria inthavong				
alexis belon			47%	
ray pajar				0.80%
sarina				
swasti shukla				
leidy valdez				7.10%
le sweet pea				
caitlin arthur				
unnamed				
misfit mari	2%	<1%		

Human	iberian peninsula	Broadly southern european	middle eastern	North African
john 2				
laura				
john 1			4.20%	
michael hoy				
mia barnett				
kristel			2.10%	4.40%
kevin nguyen				
gene cho				

kane diep				
aria inthavong				
alexis belon				
ray pajar				
sarina				
swasti shukla				
leidy valdez		12.20%		
le sweet pea				
caitlin arthur				
unnamed				
misfit mari	<1%			

Human	Africa north	Japanese	Korean	chinese
john 2				
laura				
john 1				
michael hoy				41.10%
mia barnett		49.50%		
kristel				
kevin nguyen				20.80%
gene cho		1.20%	97.30%	1.20%
kane diep				92.20%
aria inthavong				19.80%
alexis belon				
ray pajar				
sarina				
swasti shukla				
leidy valdez				
le sweet pea	<1%			
caitlin arthur				
unnamed				
misfit mari				

Human	caucasus	west asia/ caucasus	west asian	east asian/ eskimo/ inuit
john 2				
laura				
john 1				
michael hoy				
mia barnett				
kristel			1.80%	1.40%
kevin nguyen				
gene cho				
kane diep				
aria inthavong				
alexis belon				
ray pajar				
sarina				

Human	broadly east asian	east asian & native american	native american	filipino
john 2				
laura				
john 1				
michael hoy				
mia barnett	0.40%		0.30%	
kristel			0.90%	
kevin nguyen	0.70%		2.10%	
gene cho				
kane diep				
aria inthavong				
alexis belon				
ray pajar				99.10%
sarina				
swasti shukla				
leidy valdez				
le sweet pea				
caitlin arthur		14.30%		
unnamed				
misfit mari			1%	

Human	thai	vietnamese	southeast asian	south asian
john 2				
laura				
john 1				
michael hoy			1.30%	
mia barnett				
kristel				
kevin nguyen		76.40%		
gene cho				
kane diep		7.50%		
aria inthavong	79.80%			
alexis belon				
ray pajar				
sarina				84.20%
swasti shukla				
leidy valdez				
le sweet pea				
caitlin arthur				0.20%
unnamed				
misfit mari				

Human	indian	indigenous amazonian	oceanian	sub saharan african
john 2				
laura				
john 1				
michael hoy				
mia barnett				
kristel				
kevin nguyen				
gene cho				
kane diep				
aria inthavong				
alexis belon				
ray pajar				
sarina		0.80%		
swasti shukla	100%			

leidy valdez				60%
le sweet pea				
caitlin arthur			<0.1%	
unnamed				78.40%
misfit mari				

Human	broadly subsaharan african	mali	senegal	sierra leone
john 2				
laura				
john 1				
michael hoy				
mia barnett				
kristel				
kevin nguyen				
gene cho				
kane diep				
aria inthavong				
alexis belon				4%
ray pajar				
sarina				
swasti shukla				
leidy valdez				
le sweet pea		6%	6%	
caitlin arthur	2.90%			
unnamed				
misfit mari		2%	8%	

Human	ivory coast/ ghana	benin/ togo	east african/ somalian	kenyan
john 2				
laura				
john 1				
michael hoy				
mia barnett				
kristel				6.00%
kevin nguyen				

gene cho				
kane diep				
aria inthavong				
alexis belon			0.30%	
ray pajar				
sarina				
swasti shukla				
leidy valdez				
le sweet pea	12%	3%		
caitlin arthur				
unnamed				
misfit mari	33%	3%		

Human	**nigerian**	**west african**	**central & south african**	**africa southeastern bantu**
john 2				
laura				
john 1				
michael hoy				
mia barnett		0.50%		
kristel	9.30%	7.40%		
kevin nguyen				
gene cho				
kane diep				
aria inthavong				
alexis belon	13.80%	23.30%		
ray pajar				
sarina				
swasti shukla				
leidy valdez				
le sweet pea	35%			4%
caitlin arthur				
unnamed				
misfit mari	6%			8%

Human	central africa	cameroon/ congo	africa south central hunter gatherer
john 2			
laura			
john 1			
michael hoy			
mia barnett			
kristel			
kevin nguyen			
gene cho			
kane diep			
aria inthavong			
alexis belon	1.20%		
ray pajar			
sarina			
swasti shukla			
leidy valdez			
le sweet pea		2%	<1%
caitlin arthur			
unnamed			
misfit mari		22%	2%

Interpretation

From table 2 it is clear that there are genetic markers for race, specifically races of humans. Presumably, and at the least, this is going to be for skin color, iris color, and hair color and texture. It should also include other organs such as the musculoskeletal system, and even slight differences in the heart and cardoiovascular systems, the lungs, the liver, and the other organs. There might and should be larger differences among the neurological system, specifically, and at the least in the brain.

the white races are indicated by the following racial, ethnic, and geographic descriptors: irish/Scottish/ welsh, Ireland/Scotland/wales, British & irish, Great Britain, Scandinavian, Finland/northwest Russia, Northwest European, Broadly northwest European, Europe west, French & german, European, Europe east, Ashkenazi jewish, European jewish, Italy/Greece, Italian, Iberian, Iberian peninsula, Broadly southern European, Middle eastern, North African, Africa north.

These are also ranked in order of whiteness.

The brown races are indicated by the following racial, ethnic, and geographic descriptors: Japa-nese, Korean,

Chinese, Caucasus, West asia/Caucasus, East Asian/eskimo/inuit, Broadly east Asian, East Asian & native American, Native American, Filipino, Thai, Vietnamese, Southeast Asian, Indian, Indigenous Amazonian, Oceanian.

These have also been ranked in order of their whiteness as best as I know, at this current time.

The black races are indicated by the following racial, ethnic, and geopgraphic descriptors: Sub-saharan African, Mali, Senegal, Sierra leone, Ivory coast/Ghana, Benin/togo, East African/somalian, Kenyan, Nigerian, West African, Central & south African, Africa southeastern bantu, Central Africa, Cameroon/congo, Africa south central hunter gatherer.

These groups have also been ranked in order of their whiteness too, as best as I know at this current time.

Conclusion

It is clear that there are genetic differences according to the races of humans.

There is no doubt to me that there are races of humans. Those races are white, brown, and black. This means that there has been enough genetic isolation over thousands of years, or hundreds of thousands of years, and assortive mating processes, as well as differences in climate exposure and sun exposure, and differences in nutrition to explain the evolution and appearance of races of humans. And of course, within each of these racial groups there is also racial and ethnic differences. These are racial subgroups and are often referred to as ethnicities. This can be as discrete as anyone would like to make it, or as broad as anyone would like to make it. However when making it as broad as possible it ultimately becomes three races of humans: white, brown, and black. The genetics of race will in fact verify and completely corroborate the evidence of these three racial groups, phenotypically, genetically, and evolutionarily.