

RACE: The Power of an Illusion (PBS, 2003)

Episode 1: The Difference Between Us (excerpted version 37 min.)

1. The U.S. concept of “race” assumes external differences are linked to _____.
2. Genetically, humans are among the most genetically homogenous species; 1 in _____ genes differs.
3. Penguins have _____ the amount of genetic difference humans do, and fruit flies have _____ the amount of genetic difference.
4. People at the top of the sociopolitical hierarchy in the US began to see the difference as _____, rather than social.
5. Baseball player Roy Campanella’s ancestry/racial identity includes both _____ and _____, but most Americans classify him as _____.
6. Colin Powell’s ancestry/racial identity includes both _____ and _____, but most Americans classify him as _____.
7. All humans have the same _____ or so genes.
8. Variation occurs in all populations, but in varying _____.
9. The Sunlight Hypothesis suggests that lighter skin color is adaptive in _____ environments because it allows for _____.
10. The Sunlight Hypothesis suggests that darker skin color is adaptive in _____ environments because it allows for _____.
11. Most human variation is _____, that is, different characteristics are not correlated.
12. Mitochondrial DNA (mtDNA) is inherited from our _____. It does not code for any traits (i.e., it is not expressed).
13. If “races” did in fact map along genetic lines, people in one “race” would be most genetically similar to _____. This is what we *do* / *do not* find.
14. Richard Lewington found that ___% of all variation in humans is found between any _____ individuals in a population.
15. That is, you are as likely to be similar to someone in your own _____ as you are to someone in another _____.
16. No population has all members sharing any polymorphic trait. Rather, polymorphisms occur with different _____ in different populations.
17. Sickle cell trait is found at higher rates among some populations, because _____. Jackie Washburn, the little girl in the video, has sickle cell trait because her ancestors were from _____.
18. Humans are so genetically similar because we are a _____ species.
19. Stephen Jay Gould, Paleontologist, says that there is a lot of evidence suggesting that all modern humans are descended from a group that migrated out of _____ probably less than _____ years ago. This is a very short time evolutionarily speaking.
20. According to this film, American “race” taxonomy was created to justify American social _____.