

Guillermou

Anthropometry is a science of measuring the human body that could be used to manufacture prostheses or artificial limbs, investigate body differences between populations, use it in forensic medicine and criminology, or even in the diagnosis of some diseases. Two of the most important anthropometric characteristics are dermatoglyphic patterns and finger length. Many studies have evaluated the relationship between these two characteristics in different diseases such as cancer. He hypothesized that dermatoglyphic patterns and finger length could be used as predictors of some cancers such as gastric, ovarian, prostate, testicular, and breast cancers. In one study, an adverse relationship between the 2D:4D ratio and prostate cancer was reported.

They also concluded that the prevalence of prostate cancer was higher in patients with a lower 2D:4D ratio. They also revealed that prostate cancer was more prevalent in individuals with a ratio greater than 0.95. In another study conducted in the United States, a negative relationship was observed between the 2D:4D ratio and prostate cancer. It was suggested that this negative relationship was due to the prenatal hormone testosterone. In a British study, the 2D:4D ratio of both hands was lower in patients with cervical cancer compared to the control group. A higher 2D:4D ratio of oral cancer was reported in patients compared to the control group. The 2D:4D ratio was lower in the left hand of men with gastric cancer compared to controls.

Posted On 02/08/2024

Guillermou

The digit ratio established in utero is positively correlated with the intrauterine level of estrogen. Since breast cancer is related to excessive and prolonged exposure to estrogens, the digit ratio could be considered a useful marker in breast cancer risk assessment. After collecting anamnestic data on menopausal status, the length of the second and fourth fingers was measured and the finger proportions for both hands were calculated, as well as the difference between the proportion of the right and left fingers. The digit ratio was significantly higher on the right hand in breast cancer patients compared to healthy controls.

According to the study conducted in India, the presence of six or more whorls in the fingerprint pattern was statistically significant in breast cancer patients. They found a greater number of whorls on the right ring finger and little finger in patients suffering from breast cancer, as well as significant differences between the average pattern intensity index of the patients and the control group. They also indicated that lower absolute finger ridge count values (below 100) were related to breast cancer. rcm.mums.ac.ir/article_9265.html (2017).--- www.intjmorphol.com/abstract (2023).---

Posted On 02/08/2024

hoplitex

But what, specifically, is being measured in these studies? If "the digit ratio established in utero" is being measured in some cases, that suggests they're measuring bones and not eyeballing relative lengths.

Posted On 02/08/2024

juststeve

For those who might be wondering, the first digit is the thumb, followed by the index finger, middle finger, ring finger, and little finger or pinkie. According to different definitions, the thumb can be called a finger, or not. In today's climate, I have one finger in particular that is getting severely wore out.

Posted On 02/08/2024

Guillermou

Cardiovascular disease (CVD) is the leading cause of death worldwide and a major contributor to disability. In Europe, more than 4 million people die from cardiovascular diseases each year, of which 1.4 million are under 75 years of age. In addition to well-known risk factors, such as age, sex, genetic predisposition, hypertension, diet, dyslipidemia, diabetes, obesity, smoking, physical inactivity and psychosocial factors, body height has been recently related to the appearance of various CVDs in different populations. In this study conducted between 2019 and 2021, a total of 657,310 adult outpatients in Germany with body height data available from the Disease Analyzer (IQVIA) database were included.

In both sexes, the prevalence of hypertension, coronary heart disease, heart failure, and ischemic stroke was higher among patients with shorter body stature. In contrast, the prevalence of atrial fibrillation and venous thromboembolism was higher in taller patients. In logistic regression analyzes adjusted for age and BMI, an increase in body height was negatively associated with coronary heart disease (OR = 0.91 in women and OR = 0.87 in men per 10 cm increase in height) and was strongly positively associated with atrial fibrillation (OR = 1.25 in women and men) and venous thromboembolism (OR = 1.23 in women and OR = 1.24 in men).

www.ncbi.nlm.nih.gov/.../PMC9647991 (2022)

Posted On 02/08/2024

dannecker

I had to check my calendar to make sure if this was April 1st.

Posted On 02/08/2024

fvomasch

dannecker- The length of your hand to the end of the middle finger also measures the size of another part of a man's anatomy I can't mention here but the length from your crease by your elbow on top of your arm to your wrist should be the same as your foot but not shoe. Our bodies have similar proportions but not always. If someone has back/hip/knee pain that cannot be fixed right away check the length of each leg by a chiropractor. One leg can be very slightly shorter like 1/4 inch than the other resulting in pain or discomfort. That can be corrected by having a precisely measured insert put in your shoe to compensate the difference. Should also help if someone is bone on bone or close in your knee until it is repaired.

Posted On 02/08/2024

Brodson

Whoever wrote this article must have had an extra-long ring finger. LoL!

Posted On 02/08/2024

DanoS1

This sounds very scientific. Everyone I know has a longer ring finger than index finger.

Posted On 02/08/2024

hoplitex

The lack of specifics about how the "research" was conducted makes me question the reliability of such damning conclusions and reminds me of a Victorian engraving I once saw that claimed to depict "facial types characteristic of criminals". ----- "Dude is mental; you can tell by his hands!" ----- The article doesn't say how they determined relative finger length. ----- Did the researchers just eyeball the subjects' hands? Did they actually measure each finger from the fleshy part between the fingers? If so, did they push the ruler into the flesh (gaining a few millimeters), or did they just place it loosely? How did they guarantee consistency from subject to subject? What if the subject had webbed hands (some people do)? What if the subject's fingers were angled in a certain direction (some people's hands are like that)? ----- I want to laugh and cry at the same time :9

Posted On 02/08/2024

fir1272

In males, ring finger is supposed to be longer than index finger. This comes from my husband, a biologist for 50 yrs. He knows all kinds of interesting facts like this.

Posted On 02/08/2024

treecie

Oh, brother. Is there a vaccine to prevent this? How about an herb to shrink the ring finger? Maybe finger surgery could correct the psychopathy. Give me a break.

Posted On 02/08/2024

hoplitex

xD Good call! You've given me a go-to question for everything "wrong" in life: reeking of garlic after eating a whole bulb of it, feeling irritable when constipated, Bill Gates being an a-hole, gaining weight after eating a whole French apple pie every day for a month, foot pain after a day of wearing too-tight shoes: IS THERE A VACCINE TO PREVENT THIS? We won't go back to normal until there's a vaccine.

Posted On 02/08/2024

MuscleGuy

My ring finger is very clearly longer than index, on both hands. Along with my blood type (and no jab, of course) explain why the whole covid \$h*t show was a big nothing burger for me. As far as psychopathy goes.....(insert Bond villain maniacal laugh).

Posted On 02/08/2024

fir1272

My husband is a biologist with 50 yrs research - he says in men, ring finger is supposed to be longer than index finger. I'm surprised this study doesn't mention that.

Posted On 02/08/2024

WillCat

Guess I'm a girly man then because my index finger and ring finger are the same length. This regardless of what the biology experts claims. It is well known that men with a longer ring finger are longer than average otherwise.

Posted On 02/08/2024

m8b95566

Ahhhif I look at my index vs ring finger from the back of my hand, the ring finger is slightly longer. If I look at it from the palm of my hand, the index finger is longer.

Posted On 02/08/2024

hoplitex

Was wondering how to display my hands to job interviewers. Thanks for the tip! =D

Posted On 02/08/2024

MMaster

That is true of my left hand but not my right. Thanks for pointing that out.

Posted On 02/08/2024

Lee1959

hoplitex, too funny. Watch out for interviewers wanting to hire you, but staring at your hands . . .

Posted On 02/09/2024

Lee1959

hoblitex, lay your hands out on the desk and make sure the interviewer is aware that you are "displaying" your hands. I guarantee you, no hiring of hoblitex will be allowed:)

Posted On 02/09/2024

cralef

Are you supporting palmistry? What's next, phrenology?

Posted On 02/08/2024

HealthHopes

Methodology for these studies needs to be posted, because the positioning of the hand can change the appearance of relative length. Unless something like x-rays of bones was being used for measurement and comparison, it's hard to not suspect reliability problems with such studies. (You can quickly and easily observe for yourself the change in the relative lengths of the two relevant fingers based on changing the position of your thumb relative to the fingers. Here is how. Look at the back of your right hand. First, stretch out thumb and all fingers as far apart as possible. Then, put fingers together, continuing with the stretch between thumb and fingers. Observe how this makes the ring finger appear longer relative to the index finger. Now, second, bring the thumb in so it crosses the palm diagonally while you move the assembled fingers to the left. Observe how this makes the index finger look longer relative to the ring finger.)

Posted On 02/08/2024

brianallen1

So THAT explains my urges! Well, at least my middle finger is plenty long enough to flip people off.

Posted On 02/08/2024

TRitchie

I'm a woman and my ring finger is longer than my index. I guess I'm screwed! I thought that my issues stem from incest and other forms of abuse, not my ring to index ratio.

Posted On 02/08/2024

Segstar

There's a lot that our body parts and gestures speaks to..For instance a good "double bird" salute always hammers the message across , often times with uttering a single word...Same with the "double gun" salute...Message conveyed without firing a single shot lol...

Posted On 02/08/2024

hoplitex

xD I like how you think ----- would like to tack on Monty Python's classic directive to "fart in (their) general direction"; let's get olfaction in on the show.

Posted On 02/08/2024

Segstar

Hop that's a very good addition lol.. thanks

Posted On 02/09/2024

Catryna

Well, that certainly explains a few things. My ring fingers on both hands are longer than my forefinger. I had a twin brother who died in utero. I was born with hip displasia, a malformed pelvis, and 8 "Y" genes. The testosterone left behind after my brother died affected my biology and this "finger thing" is an interesting factoid as to extra testerone I was immersed in and the way my brain functions. Thank you, Dr Mercola.

Posted On 02/08/2024

Annienator

Same here! Wow

Posted On 02/08/2024

Catryna

Annienator Tell me more

Posted On 02/08/2024

umfuli

So is putting a ring on the ring finger the last chance to observe the 2D to 4D ratio before marriage?

Posted On 02/08/2024

lesleybethune

Wish I could do a laughing emoji!!!

Posted On 02/08/2024

juststeve

I never knew what true happiness was until I got married - then it was too late - ; -)

Posted On 02/08/2024

versatile

If you are in danger of being detected at the ceremony, just separate your little finger by moving others towards the thumb, (see above image of hand) to ensure your true measure will not be detected.

Posted On 02/08/2024

smiller352

Very interesting... now I will be looking at everyone's fingers!!

Posted On 02/08/2024

hoplitex

This just in: study author heavily invested in global nail salon empire :9

Posted On 02/08/2024

Lee1959

I don't know why, but I always notice men's hands and feet. In hands I see strength, if they are white and soft looking, well . . . Husband has always had very strong looking hands because he was a serious guitar player when he was younger. (His dad had a bluegrass band that won third place at AL state fair. No professionals were allowed but the professionals sneaked in and won first and second place anyway. The "amateur band" won third place. In other words, my father-in-law's band would have won 1st place if the rules would have been followed,) Husband's hands and forearms were huge when I met him since finger usage is tied to to forearm muscle.

And he was white collar (what does that even mean anymore?) I guess I notice feet because my best friend growing up wore a 13 DD for shoe size. I teased her about it ad nauseum (shame on me). Her feet were so huge she had a hard time finding shoes her size! And she was gorgeous. I teased her in the only way I could---her shoe size because I was so jealous of her and all the attention she got.

Posted On 02/09/2024

grandmax4ever

LOL, well dang! However if I hold both hands in the air and tilt my ring finger towards my index finger on both hands, they appear relatively even. Does that help make me more normal? Thank you for the bit of levity this morning

Posted On 02/08/2024

Joy1

My ring finger is shorter than my index finger. At least I have that going for me

Posted On 02/08/2024

radarphos

I answer "No" to Mercola's question about ring finger length. Mercola says what we eat affects our genes. So does our physical labor. I have quite long ring fingers, close in size to my middle fingers. Why? Because of my generation ancestry. My great-grandfather was a lumberjack chopping down virgin forest trees. With every whack of the axe a vibration came back to his fingers, hands, wrists and arms that shocked his genes that decided to change the shape of his hands to be less disruptive to the genes. So finger bones got more dense, longer (because of the hand's gripping needs to grab fat branches and toss them away, etc.

My grandfathers were both dairy farmers--on poor rocky soils: hard-hard work grabbing stones and throwing to the field sides; pushing 300-pound cow hips aside to milk the cows, lifting steel buckets of milk. Their bodies adapted by their genes modifying bones and muscle to accommodate the work. Testosterone played a part AS DICTATED BY THE GENES, but testosterone was not the cause, the labor and the genes were the cause.

Posted On 02/08/2024

radarphos

This recurring focus on the length of the ring (4D) finger has a long history linked to Parlor Games; and linked to ancient Egypt, the Greek Empire and the Roman Empire all that paid token adherence to many gods; and having a god for everything. But the gods that got the most attention were the fertility gods. So older teen girls would Parlor-Game tease younger "just arriving at age" girls about how they will pick who to marry (a fertility type of question). Then they would do the preliminary baiting, with hand "palms up" and ask about the long ring finger: "OH!!!

Its the Wedding ring finger". OHH!! It is an indicator of strength to make a woman happy...la-di-dah-di-dah. Magic tricks, card tricks are also parlor games for the entertainment of people who often don't work so hard. The game is to focus attention on one thing (and not how it is connected to another thing), then play it out, let the innocent one be surprised and fooled, and never told the secret of the trick so that it can be done again and again and again. I don't think the hormones of testosterone or estrogen have any causative effect with criminology.

They may rise in the act of criminology or even mental re-enactment. The hormones could lend a "sense of satisfaction" to what causes criminology, but i don't think it is the cause. I am trying to distinguish a difference between perpetrators that employ (cause) "crafty, even devilish" parlor games; because many a trickster uses a ruse (an acted out lie) to trick a victim into entrapment; but the character flaw is deep in the person; and not in the hormones nor genes.

Posted On 02/08/2024

radarphos

Look at your finger knuckles at the back of your hand. They are not in a straight line, but in a gentle arc with longer fingers in the center at the top of the arc, and shorter fingers on the end of the arc. The Pointer finger knuckle is lower than the ring finger knuckle (unless you had a broken hand once that changed this normal arrangement; and it could happen, even in a womb). It is not worth my time to try to compare the actual length of my pointer finger to my ring finger, but by appearance I think they are the same length, though it will never seem like that when each finger is rooted in two different positioned knuckles. This makes parlor games that can be kind of cruel on those with strong innocence for such antics.

Posted On 02/08/2024

LSquare

Interesting, but not entirely shocking. The last 2D-4D research I saw was from about 12 years ago where it suggested that a low 2D-4D ratio, indicative of higher, in utero testosterone, indicated a lifetime of longer virility and a higher sex drive - for either sex. So, I guess that you have to take the good with the bad.

Though, this entire school of thought can provide new careers for phrenologists who have been unemployed for decades now.

Posted On 02/08/2024

50213.

When you have a "scientific" study giving ratios in mm, you might start to suspect they aren't worth taking seriously.

Posted On 02/09/2024

Qibeau

As far as imprinting of effects of prenatal hormones on the development of fetus, my understanding is that higher estrogen and lower testosterone exposure is likely to result in psychopathic conditions in the future adult rather than the other way round. About the correlation with 2D:4D ratio in adults, it looks like there may not be any correspondence with maternal imprint.

Posted On 02/09/2024

MMaster

Phrenology anyone? This looks like utter bunk to me. I am female, have a longer 4th finger, am right handed, and about as peaceful as anyone can get. I abhor violence to the point I refuse to own a gun. Too messy when used. I never caught Covid at all, nor did I take shots. I have excellent spatial perception.

Posted On 02/08/2024
