

In youtube_extraction_english_103.json :

Title: What Causes 'Old People Smell'?

- Table 1: Summary of the results per comment;
- [Table 2](#): Summary of the results per sociolinguistic variable;

Table 1: Summary of the results per comment

Comment	KeyWords	Sociolinguistic variables (Hiper - Hipo)	Hate Speech Frequency	Hate Speech Fre-quency(%)
... ugh my friend actually finds old people smell attractive... not that I can agree with that but yeah...She IS pedobait after all	Old	Age - Over 65s	1/24	4.167
I hate the smell of old people , I exfoliate my skin and put coconut oil on with rose water and I thank God I dont smell old	Old	Age - Over 65s	2/28	7.143
solution :dont get old	Old	Age - Over 65s	1/4	25.0
I don't mean to sound racist , but I'd love to know what causes that certain body odour in South Asians (e.g. Indians etc.). I can't just be imagining this.	Racist	Ethnicity - General	1/29	3.448
The closest I have to that smell is really old books. Also my blankey. So I kept my blankey till I was 8 or 9 ish. My grandma died when I was 7 or 8. So it has her smell. Idk if I'm nose blind but I dont smell it at my granddad's house.	Blind, Old	Age - Over 65s, Physical Identity - Physical (and Mental) Impairments	2/54	3.704
Damn. I'd rather keep my cat piss-sweat smell than getting that old people smell :((But in my experience there's old people who do smell like that and those who don't?	Old	Age - Over 65s	2/31	6.452
The old person smell isn't super apparent until you go into their house. Then EVERYTHING smells like it and it puts you to sleep so fast. Its like a freaking knock out gas. Haha	Old	Age - Over 65s	1/34	2.941

So, the old people smell because their fat is getting oxidised on their skin. Scary.	Fat, Old	Age - Over 65s, Physical Identity - Physical Features	2/15	13.333
Babies smell like warm milk and old people smell like oatmeal and hospital	Old	Age - Over 65s	1/13	7.692
I'd say..(1) Too much consumption of animal products. Throw a couple of eggs and a dead chicken on a Las Vegas sidewalk in June. Wait five hours. Not a good smell. (2) Not enough bathing. Old people should bath every day. For various reasons, they generally don't. (3) More soap. I use a couple of scrubs brushes, with soap, when showering. I oil up afterwards with an oil mix with added citrus essential oils.	Old	Age - Over 65s	1/74	1.351
I always thought it was that shampoo from the 1970s they get from the pharmacy that only old people go to. And hand lotion.	Old	Age - Over 65s	1/24	4.167
So i can find out what cause the bad smell .. nonenel ! There are some product for them.. but it looks like they don't use it . may be they get used to their smell ! I understand old peopleBut sometimes i can't stand the smell	Old	Age - Over 65s	1/48	2.083
And above all don't forget that there's nothing like the smell of naplam in the morning.	Nothing	Age - Youngsters	1/16	6.25
Please help lolI'm stuck in the car rn and this old hag smells bad	Hag, Old, Old hag	Age - Over 65s, Gender - Female age and physical appearance	3/15	20.0
Urgh, sometimes hippy-ish older people (I guess who don't wash often) have a sour smell, like that of a goat. I wonder if that's the nonenal as well... . When they move there's a whole wind of that smell. I don't mind the old people smell though.	Old	Age - Over 65s	1/47	2.128
Here the absolute Truth Old People do Smell like Embalming Fluid. PERIOD. Yes i have smell both & re smell & ohh Boy they are similar.. So stop thinking is different Decaying flesh is decaying BOOM there it is.	Old	Age - Over 65s	1/39	2.564
I think old people smell like white beans :P	Old	Age - Over 65s	1/9	11.111
I honestly thought the smell was from bengay and like the ointments that some older people use. And that weird musk perfume older women wear. Blegch.	Weird	Physical Identity - Physical (and Mental) Impairments	1/26	3.846

i have never smelled old person smell ever. is that even a thing? what are y'all talking about?	Old	Age - Over 65s	1/18	5.556
My grandma and grandpa smell like old people when they are clean with clean clothes. I have associated that smell with clean clothes and sheets in their drawers and wardrobes, also on the cloth handkerchief my grandpa used to have in his clean pants pocket to wipe away stuff, when I was a small child. I think old people smell for me doesn't stink at all.	Old	Age - Over 65s	2/66	3.03
I am an old guy... come here and tell me I stink to my face...	Old	Age - Over 65s	1/15	6.667
i bet it's just that old people don't take shower too often	Old	Age - Over 65s	1/12	8.333
Hmmm. Would oil-based cleansers break it down? From a purely chemistry point of view, things which aren't water-soluble are often fat or alcohol soluble. Alcohol based cleanser would be unpleasant and very drying, but if it's fat soluble, an oil-based cleanser should work.	Fat, alcohol	Behavioural Addiction - Alcohol, Physical Identity - Physical Features	4/43	9.302
Old People Smell is one of the many reasons why so many people want to die young.	Old	Age - Over 65s	1/17	5.882
1960's: 'How can we Land a man on the Moon?'2018: 'What causes Old People Smell?'	Old	Age - Over 65s	1/16	6.25
Hers no behavior simple alien first frequently hurt late both simply.	Alien	Nationality - General	1/11	9.091
Thanks, SciShow. Two more months until I smell like an old person. (I'll be 40 on April 25)	Old	Age - Over 65s	1/18	5.556
Cracked is going to have to amend their claim that old people simply have trouble bathing as often due to reduced physical mobility. It was one of the Roger episodes.	Old	Age - Over 65s	1/30	3.333
Getting older is garbage. There is just nothing good to look forward to about it. All I can say is savor that youth, you're not 20 forever and while I'm not old yet, the years definitely go by a lot faster once you hit 30.	Nothing, Old	Age - Over 65s, Age - Youngsters	2/45	4.444
Yeah, yeah, yeah, that all sounds good and scientific, but more than likely it is because older people do not bathe or wash their cloths as often, thus giving more time for your explanation to have its affect. Being 71, I can tell you that when you don't do much exercise you tend not to sweat so you let bathing go for a day or two, or three, or until your other-half tells you, "Hey you old fart, you need a bath).	Old	Age - Over 65s	1/82	1.22
If young people smell more than old people then do young people have a young people smell to old people?	Old	Age - Over 65s	2/20	10.0

I think it's because old people cough, sneeze, or laugh and they piss themselves. Also they don't bathe a lot so it's more present	Old	Age - Over 65s	1/24	4.167
Saying that old people smell is alright, but when you mention black people smelling it's an outrage?	Black, Old	Age - Over 65s, Ethnicity - Black	2/17	11.765
I've smelt " old person smell" on people before, but never on anyone in my family. Is there a reason for that?	Old	Age - Over 65s	1/21	4.762
I feel bad for the guy in the stock photo in this episode. imagine being the " old person smell" dude	Old	Age - Over 65s	1/20	5.0
I just thought it was cause they eat a lot of crockpot beef n taters and drink a lot of black coffee lol	Black	Ethnicity - Black	1/23	4.348
Good, very good. Now you can proceed to explain the curious reason as to why a plastic shopping cart from the store I used to work at also smelled greatly of old person. It practically radiated it like heat or something. man, it was just that one cart too	Old	Age - Over 65s	1/49	2.041
So basically the more fat (or oil) you have on your skin, the longer you will look younger. So that's why my skin is so oily.	Fat	Physical Identity - Physical Features	1/26	3.846
Old people smell is pretty nice.	Old	Age - Over 65s	1/6	16.667
I love that you acknowledged that people have different reactions to this smell and that there are good reasons why. My friend absolutely hates it— she says it reminds her of her grandpa's miserable last days in a nursing home, and she's very afraid of aging (one of those "I hope I die before I get very old " people). I was semi-raised by my grandma and I absolutely love the smell; sometimes I find myself feeling really relaxed or comforted on a public train and then I realize it's because there's an old person near by and they smell good. It's kind of crazy how closely smells get linked with memories and emotion.	Crazy, Old	Age - Over 65s, Physical Identity - Physical (and Mental) Impairments	3/113	2.655
cant you wear some antioxidant? idk if they have that in any weird lotion or maybe some food you eat...	Weird	Physical Identity - Physical (and Mental) Impairments	1/20	5.0
Old people don't smell they SMILE !!Ripple lovers Support me ripple here.rP57RgDA5kFEgchL3fBUJ3Z9omXN9FPg62	Old	Age - Over 65s	1/14	7.143
I like old people smell. It's comforting.	Old	Age - Over 65s	1/7	14.286
Getting old sucks...	Old	Age - Over 65s	1/3	33.333

I've never smelt old people smell...	Old	Age - Over 65s	1/6	16.667
No wonder I smell old	Old	Age - Over 65s	1/5	20.0
Ha! That's an easy one; old people	Old	Age - Over 65s	1/7	14.286
Next: fat man smell.	Fat	Physical Identity - Physical Features	1/4	25.0
old people stink	Old	Age - Over 65s	1/3	33.333
What about black people smell?	Black	Ethnicity - Black	1/5	20.0
And why fat people smell terrible. Is that cause by the same reason.	Fat	Physical Identity - Physical Features	1/13	7.692
Being old	Old	Age - Over 65s	1/2	50.0
Puppies always seem to smell like the inside of a dog's mouth for some reason, it's like they secrete saliva from every pore until they are a few months old and then it only dribbles from their mouth like it's meant to.	Old	Age - Over 65s	1/42	2.381
I want to know why black people smell the way they do even when clean and recently showered. I have noticed there is a certain pleasant musky woody smell to them which can turn into an unpleasant smell of ass. My question is serious. I have many African friends, from subsaharan africa.	African, Black	Ethnicity - Black	2/53	3.774
Why do Black and Indian people have a signature smell as well?	Black, Indian	Ethnicity - Black, Ethnicity - Native- American	2/12	16.667
For the benefit of blind racists.	Blind	Physical Identity - Physical (and Mental) Impairments	1/6	16.667
Lol at the comments, acting like non of you will age , eventually you will be also old and smell!	Age, Old	Age - General, Age - Over 65s	2/19	10.526
Oh, gawd. This is the year I'll start to smell old , I guess.	Old	Age - Over 65s	1/14	7.143

old people	Old	Age - Over 65s	1/2	50.0
nonsense.. old people dont bath regulary thats why, idiots.	Old	Age - Over 65s	1/9	11.111
I work full time at a hospital that mostly treats the elderly and section 8 folks, and most of their odor is caused by excrement.	Elderly	Age - Over 65s	1/25	4.0
I had some heavy duty dandruff shampoo called T/Sal that no joke smelled like Old people which was doubly strange to me as I couldn't be sure if I had ever smelled that exact scent before yet for some reason Old people was the first thing that came to mind.	Old	Age - Over 65s	2/50	4.0
I'm planning on dying before I get old	Old	Age - Over 65s	1/8	12.5
I was in a candle store last month, they had a candle that smelt JUST like old people. It was called wedding day	Old	Age - Over 65s	1/23	4.348
So ... turns out fancy cologne is more for the elder than the young lol , seems an enzyme based soap can help with this .	Elder	Age - Over 65s	1/26	3.846
I turned 60 last month. So, that would make me 1/3 nonenal and 2/3 enal. Or would that be anal? Whatever. Old men like me don't bother with making points. There's no point.	Old	Age - Over 65s	1/33	3.03
God I hate old people smell	Old	Age - Over 65s	1/6	16.667
Not every old person smells ' old '. Ive come across 80 yos that don't smell, while I know a 60yo that does. Why is that?	Old	Age - Over 65s	1/25	4.0
looking for old people jokes in the comments	Old	Age - Over 65s	1/8	12.5
Can someone make an anti-nonenal deoderant before I get old ?	Old	Age - Over 65s	1/11	9.091
I just thought it was old clothes smell since they usually don't buy new ones after a certain age :)	Age, Old	Age - General, Age - Over 65s	2/20	10.0
Bengay, alcohol , stale coffee and urine. Even my husband smelled like that in the nursing facility after his surgery. He was in there a month and came home smelling that way.	alcohol	Behavioural Addiction - Alcohol	1/31	3.226
Old people. Come on guys, this one wasn't even that hard.	Old	Age - Over 65s	1/11	9.091
Just got out of jail. Apparently you can't go sniffing old folks in the old folks home,..even if you tell them it's research.	Old	Age - Over 65s	2/23	8.696
Don't over complicate it. Old people smell musty because they don't shower as often or as thoroughly.	Old	Age - Over 65s	1/17	5.882
Family tells me I have old people smell. I'm 30!	Old	Age - Over 65s	1/10	10.0
Why do I have old people smell around my anus?	Old	Age - Over 65s	1/10	10.0
Dude thats really rude, you dont have to make up stuff just becose old people smell like old people soap... I dont know if they go to the old people soap store or what, but they sure do use another soap and smell like it	Old	Age - Over 65s	3/45	6.667

I'm 19 and some people say I have that nice baby smell. Also, is nonenal production genetic? I've noticed the smell around most older people but not my 75 year old grandmother. Maybe it has to do with my apparent scent?	Old	Age - Over 65s	1/41	2.439
or... as old man funk. [LINK]	Old	Age - Over 65s	1/6	16.667
old people fetish	Old	Age - Over 65s	1/3	33.333
Soo... since fat solve fat , using some type of oil to was could potentially clean away the old person smell?	Fat, Old	Age - Over 65s, Physical Identity - Physical Features	3/20	15.0
It's not the nonenal I have issues with, it's the greasy hair, alcohol withdrawal sweat, toe jam from unkempt feet, and leaky urinary tract infections that I can't tolerate (I work in a hospital).	alcohol	Behavioural Addiction - Alcohol	1/34	2.941
Old age (I can say with authority) often brings other smells that are quite a bit less "neutral" than that of nonenal. Cigars exist because they are the only thing that can disguise some of those nastier smells...	Age, Old	Age - General, Age - Over 65s	2/38	5.263
We all get old . People are just having fun....	Old	Age - Over 65s	1/9	11.111
I love old people, i love kids,	Old	Age - Over 65s	1/7	14.286
Jax Nean. Age does not automatically command respect, anyone can get lucky enough to survive that long. What does come with respect in age is what they have done in life to help others.	Age	Age - General	2/34	5.882
Continuing to be alive isn't really cause for respect in my culture. I do it every day, and nobody respects me...	Nobody	Age - Youngsters	1/21	4.762
Thanks for making me even more terrified of growing old .	Old	Age - Over 65s	1/10	10.0
I think old people smell like ham	Old	Age - Over 65s	1/7	14.286
Wouldn't a soap that contains vitamin E do the trick? Vitamin E is a fat soluble antioxidant.	Fat	Physical Identity - Physical Features	1/17	5.882
Old age is not natural. In the animal kingdom and nature, most animals don't make it long enough to die of old age by itself.	Age, Old	Age - General, Age - Over 65s	4/25	16.0
Ugh I hate this guy. He sounds like his balls still haven't dropped. How can this 30 year old virgin sound like a 16 year old virgin yet, his hairline is already receding?? Dudes voice has yet to mature but his balding is progressing too quickly lmao	Old	Age - Over 65s	2/47	4.255
Seems so obvious it's in the description, old people, old people cause old person smell.	Old	Age - Over 65s	3/15	20.0

I wager it's also a severe lack of antiperspirant deodorant, since most men(especially at an older age) seem to be adverse to it, leading to many to smell of 'wet burrito in a damp sock full of testicle residue'.	Age	Age - General	1/39	2.564
I've never noticed old people smell different from younger people.	Old	Age - Over 65s	1/10	10.0
Old people to me smells like farts and burning dust.	Old	Age - Over 65s	1/10	10.0
Old people smell, kids smell and dirty adults smell!	Old	Age - Over 65s	1/9	11.111
I think I saw someone implying we should let the elderly die as is nature's way. Humanity has not improved itself since the founding of civilization.	Elderly	Age - Over 65s	1/26	3.846
Old People Smell is the medications, and piss.	Old	Age - Over 65s	1/8	12.5
But my grandpa is 70 and doesn't smell like a old person — at least not yet anyway.	Old	Age - Over 65s	1/18	5.556
Not trying to be racist , I swear, but I notice that black people have a certain smell too. It's not bad, it's just something I've noticed in the almost 2 decades of being alive that I've had. What would cause this?	Black, Racist	Ethnicity - Black, Ethnicity - General	2/41	4.878
I love to hug old people! :-)	Old	Age - Over 65s	1/7	14.286
The cobwebs in the shower has nothing to do with it, then?	Nothing	Age - Youngsters	1/12	8.333
Nonenal? Sounds racist to me somehow...	Racist	Ethnicity - General	1/6	16.667
Break out the Old Spice!	Old	Age - Over 65s	1/5	20.0
Because with old age , humans are able to develop a bodily function scientists have dubbed "releasing of one's bowels". It is a natural phenomenon where the inner lining of the gastric chamber is able to be retracted, allowing pressure in the small intestine to release, resulting in an extraordinary amount flatulence to occur. The gas that's released contains high amounts of methane because it builds up and resides in the deeper parts of the lower stomach where most feces is produced.	Age, Old	Age - General, Age - Over 65s	4/81	4.938
they also dont shower as much, specially old asians, my fcking grandparents showers like once every 3 months	Old	Age - Over 65s	1/18	5.556
You should do a video about why black people stink? They smell like sweat, armpits, locker rooms, cornbread, and cigarettes	Black	Ethnicity - Black	1/20	5.0
Babies have that 'new car smell,' old people smell like moth balls.	Old	Age - Over 65s	1/12	8.333
short answer: being old	Old	Age - Over 65s	1/4	25.0
Now I am really looking forward to getting old !...thanks for that!	Old	Age - Over 65s	1/11	9.091
The ageism in the video and in the comments is horrible... makes me really sad	Ageism	Age - General	1/15	6.667

"Old people are different in X way"ZOMG AGEISM	Ageism, Old	Age - General, Age - Over 65s	2/9	22.222
Only one study linked the scent of old people to said compound. Another study was not able to confirm this find. Maybe you should be careful how you spread this information. You are an educational channel and not a facebook fun fact page.	Old	Age - Over 65s	1/43	2.326
Is that why old ladies bathe in perfume?	Old	Age - Over 65s	1/8	12.5
Old peeps be literally going rancid.	Old	Age - Over 65s	1/6	16.667
man... i dont wanna get old . the white hair is kinda cool but that's about it.	Old	Age - Over 65s	1/16	6.25
Naa...you hate that when yer old too....	Old	Age - Over 65s	1/7	14.286
There's 2 options then.Live long and get old Or die young.Personally I don't wanna die but I dont wanna be old and feeble either. Most old people I know are FIERCE they'll curse you out in a second. They're smart and accomplished. I think of old people like flowers. We are all like flowers beautiful at the beginning but wilt towards the end. We have the health care system flowers have the powder you put in the water. They both help us live longer. Yet sooner or LATER we all go. I'm gonna cry like a baby when Paw Paw goes. But right now 82 and still he still walking cursing and teaching me so much stuff. Dont \$ with him. Enjoy your elders while you have a chance. Cuz one day they'll be gone. My dad passed at 63 and my uncle is gone too. My paw paw hurts cuz the "young" folk passed BEFORE Him. 2 of his son in laws. Just enjoy the ride called life. Cuz you dont wanna be old and bitter cuz you missed out on life when you had the spunk to do so.	Old	Age - Over 65s	5/195	2.564
I never new that old people smell :	Old	Age - Over 65s	1/8	12.5
I don't get close enough to old people to smell them.	Old	Age - Over 65s	1/11	9.091
The most interesting people tend to die young doing crazy stuff.	Crazy	Physical Identity - Physical (and Mental) Impairments	1/11	9.091
Every age category has a distinct odor. Though back when I had a near superhuman olfactory acuity, I found those with congenital disorders often smelled younger than they were.	Age	Age - General	1/29	3.448
All old people have amazing stories to tell.Just very slowly. And maybe misremembered or embellished a little. And probably mixed in with many less-interesting, easier-to-recall stories, repeated ad nauseum.	Old	Age - Over 65s	1/30	3.333
I think old people smell is comforting, but that's probably from association	Old	Age - Over 65s	1/12	8.333

Angelo Ortiz when it's my own family, I agree, but old people I don't interact with often always smell weird to me, like sour....	Old, Weird	Age - Over 65s, Physical Identity - Physical (and Mental) Impairments	2/24	8.333
+SciShow, you know you bracket ' Old People Smell' like that instead of " Old People Smell" or ' Old People Smell'... personally I'd choose the last one.	Old	Age - Over 65s	1/25	4.0
Also, old people tend to get lazier in hygiene because it's harder for them to move (generally)	Old	Age - Over 65s	1/17	5.882
Old people. Duh	Old	Age - Over 65s	1/3	33.333
Not nice to say that old people smell even though some may do. If you can't be nice then don't say nothing at all	Nothing, Old	Age - Over 65s, Age - Youngsters	2/24	8.333
Interesting. I find old people smell like tea and Minor's Liniment	Old	Age - Over 65s	1/11	9.091
"What Causes ' Old People Smell'? Old people? :D	Old	Age - Over 65s	1/8	12.5
Well their fat is more exposed to environment and they are oxidizing. So putting odor aside; I'm pretty sure that's not a good thing. Even if they wouldn't get " old " smell. So real question is not how to get rid of nonenal but how to keep body interested in keep making enough anti oxident material to prevent this. It is good health for skin too ; it's not just odor. And like it was said in video; skin plays important role to protect us from environmental damage and intrudors; so keeping skin in shape is what is real concern.	Fat, Old	Age - Over 65s, Physical Identity - Physical Features	2/99	2.02
Celtic Revival Adfywiad Celtaidd not necessarily. By the time she becomes 60 years old they would have already invented a medicine to cure that smell.	Old	Age - Over 65s	1/26	3.846
"Nonenal begins appearing around age 40" Gee, thanks, I'm 47 and I think I could have lived without that information...	Age	Age - General	1/20	5.0
I have never smelled the supposed " old people smell".	Old	Age - Over 65s	1/9	11.111
how old are you	Old	Age - Over 65s	1/4	25.0
I have a question... usually an aldehyde is the product of a REDUCTION from a carboxylic acid (like fatty acids). Does anyone know what is oxidised to make nonenal?	Fatty	Physical Identity - Physical Features	1/29	3.448
Old Spice for old people? Why isn't that a thing?	Old	Age - Over 65s	2/10	20.0

Very nice comment at the end! Of course, I am 76 years old , with lots of nonenal(sp)! We old folks are walking history books. Remember that, youngsters, next time you talk about old farts!	Old	Age - Over 65s	3/34	8.824
A combination of dying and too much Old Spice	Old	Age - Over 65s	1/9	11.111
WE NEED TO LEARN HOW TO REDUCE IT! I DONT CARE ABOUT GETTING OLD BUT I CARE ABOUT SMELLING OLD HAVING THEM SMELL ME A MILE AWAY! i CANT EVEN SNEAK UP ON PEOPLE!	Old	Age - Over 65s	2/34	5.882
When I was in China, I travelled a lot of cities. But only the people in Wuhan had that distinct old people smell regardless of age . So can other factors like food lead to that smell?	Age, Old	Age - General, Age - Over 65s	2/36	5.556
My only great parent that I ever knew was my mother's mother who died in her 70's in the 70's, she was born in 1900. I kind of remember her smelling bad but I think it was due to a cream she used. My dad is now 80 years old and I do not associate any odor with him, good or bad. Other " old " peoples I know or encounter in public places do not smell either. I'm 54 so maybe my nose is not as good as it used to be, I know my taste buds and ears aren't.	Old	Age - Over 65s	2/99	2.02
+SlyPearTree I have to wonder if you're on to something, if you lose the ability to pick up the old people smell as you get older. I'm in my early 30's, though, and I only sometimes pick up the odor. But I remember, when I was little, I really hated to be around old people. I found the old people odor absolutely overpowering, like really strong mothballs.	Old	Age - Over 65s	3/67	4.478
Maybe it's because you smell old now, starts at 40 so...	Old	Age - Over 65s	1/11	9.091
Not tryna stereotype or sound racist but I feel like only white old people smell stinky.	Old, Racist	Age - Over 65s, Ethnicity - General	2/16	12.5
It's ok, my poo smell will mask it when i get old .	Old	Age - Over 65s	1/12	8.333
I'm 45 years old . I'm proud of my age . Being this old is an accomplishment because many people never get this far.	Age, Old	Age - General, Age - Over 65s	3/22	13.636
I would be proud of you if this was the 1800's! I would not want to feel old at 45. I expect to live to 90 at least god dammit. At least I have the right statistics under my belt so far.	Old	Age - Over 65s	1/42	2.381
You feel old at 45? Dang. Need to get out more and live.	Old	Age - Over 65s	1/13	7.692

King Annon But your 20s are amazing.Just be glad you're born in this era.I am. I hated those heavy TVs of the 90s. Also earlier eras didnt have internet. Or color TV. Opportunities for non whites. Idk how interracial friendships worked then but there's less stigma now. Even more interracial commercials being shown. Dude if you have no kids then your money will be yours (if you dont have kids).Stay away from student loans. Only get them if you know what you wanna study. or else thats a lot of debt for no degree. STUDY SOME SOFT SKILLS so you can become self employed if times get tough. Web design (everyone uses social media right from big corporations to individuals with selfies and twitter) This technology generation is anazing just dont let them old people get the last laugh. Taking social security and ruining the government before I'm old enough to fix the system. We have a good country to be born in. So why dont you want to live another year?	Old	Age - Over 65s	2/175	1.143
Make a new nonenal targeting cleaning product, call it "Actually Old Spice"	Old	Age - Over 65s	1/12	8.333
Cass CarterI'd go with "More Old than Spice"	Old	Age - Over 65s	1/9	11.111
Cass Carter Old Spice I just got that funny	Old	Age - Over 65s	1/9	11.111
What about Fat people... Explain their smell...	Fat	Physical Identity - Physical Features	1/7	14.286
smells like old people? oh.	Old	Age - Over 65s	1/5	20.0
Old people smell I have but i love the smell of gasoline.	Old	Age - Over 65s	1/12	8.333
stop setting old people on fire.	Old	Age - Over 65s	1/6	16.667
Old people often smell of piss.	Old	Age - Over 65s	1/6	16.667
Sorry about that. I'm thinking about that too. Im 29 and my granddad is 82 and I haven't started having kids yet. I'm the youngest son. Even if they popped out today. They'd still have to wait 5 years to even be of an age off memory and personality. So hed be 87 then. Idk its just things I think about.	Age	Age - General	1/61	1.639
ok well i hope you remember yr comment when your grand kids ask you why you smell so old and ask you to go outside cause youre sucking the life out of the room :P	Old	Age - Over 65s	1/35	2.857
also they all have weeks old food stuck in their mouth crevasses that they dont care to spend an hour scouring	Old	Age - Over 65s	1/21	4.762
Why do old people smell like they are already dead?	Old	Age - Over 65s	1/10	10.0

I think it's a genetic/pheromone thing. I was born in South Africa, and noticed that the African Americans in America have the same scent as the native Africans in my home country. It's not bad, it's just different. Sort of musky, I guess? While it may be partially due to diet, I think the diet of native Africans and African Americans differs quite significantly, while the scent is the same. All people have their own smell, and especially when you visit their house, you notice everyone's home has their own unique smells. It depends on your genes, and the scents are mostly to discourage inbreeding. Evolutionarily, almost all mammals prefer breeding with another individual with a moderate difference in genetic makeup - not too similar (inbreeding) but not too dissimilar either. As for the change in the smell of a woman , it's due to hormones - hormones are released in the skin all the time, and bacteria on your skin breaks them down into certain volatile compounds. Since a woman 's hormones changes depending on her cycle, her scent will change as well. Cortisol also changes scent, and menstruation is more stressful than non-menstruation, so extra cortisol is released. I think all women probably have slightly different scents depending on their cycle, but the degree of the change might just not be high enough for you to notice them with everyone.And for the foods, certain compounds in foods, especially foods high in sulfur like garlic and onions can come out through your sweat glands, where bacteria break them down into volatile compounds that you can smell. The exception being East Asians, who lack the gene for the large sweat gland variant, so they only have the smaller sweat glands that are too small for most smelly chemicals to be released through. That's why East Asians don't typically need to wear deodorant, and very rarely smell bad.	African, Woman	Ethnicity - Black, Gender - General	3/316	0.949
Immigrated somalians as well as their homes, tend to have the same precise interesting scent. I would describe it as spicy and strong but very round, fresh and friendly to the senses. Noticable from quite long distances like a perfume, but something more unrefined and earthy than that. Like a herb, oil or tree sap. If scents had colours, i would describe this as dark maroon with a slight red core. I am waiting eagerly for the day when smells can be downloaded through the internet. I would rate this 8,5/10.	Red, Unrefined	Ideological and Political Identity - General, Ethnicity - Native- American, Social Class - Working class	3/91	3.297
Why do fat people smell like fat people?	Fat	Physical Identity - Physical Features	2/8	25.0

RoarOfDamnation I notice it for a handfull of women, but I never paid attention to it/realised it until I met an extreme case. I probably got hyperosmia. My nose is unusually keen and I overreact to a few smells. For instance, if someone is sweaty, I can smell it from up to 10m. This hypersensitivity to some smells can result in sneezing or even vomiting in rare cases. In my case, I had a colleague and she had a very recognisable scent. For some time I couldn't smell her and then she started to smell a bit like those spice spiked oranges some have at home, just a bit more aromatic. First I thought it was just a weird perfume, but then I noticed that it occurred semi regularly and always shifted to a smell reminiscent of moist furr and raw meat getting smoked and for about three days she smelled horribly of smoke. During that time, I would be able to smell her a minute after she walked by. Her office smelt of her for at least 6h after she left. I asked others but they never noticed it, so I thought I was going insane. Still, it was so strong that I would sneeze, if she got too close and I really wondered about how often she washed herself. I developped the creepy habit of greeting her by her name before I could actually see her. I never said it without later seeing her, so it could hardly be only imagination that I was able to smell her around corners and through doors. In one case I was looking for my colleagues on a Christmas market, which was very crowded and full of smells, yet the first thing I noticed was her smell before I could see or hear any of my colleagues, so I actually tried to track her and it worked. I was so close to complain about her hygiene since she really upset my nose in proximity.The funny thing: later a colleague told me that he could tell when another coworker had her period due to her smell, but I could hardly smell it in her case and he could not smell what I could smell either.	Weird	Physical Identity - Physical (and Mental) Impairments	1/373	0.268
Superb Nova XCI How can facts be controversial? I get that they don't like to talk about race and intelligence, since it's really hard to determine how much is caused by genes and how much by upbringing and could be very discriminating.	Race	Ethnicity - General	1/41	2.439
Every race has a smell. It is common knowledge that white people smell different too. Asians have a smell as well. Idky u have to single out Africans or black people. Just seems like stirring the pot.	Black, Common, Race	Ethnicity - Black, Ethnicity - General, Social Class - Working class	3/37	8.108

Question 1, Answer = we ALL have 2 types of protein (fat) producing allele in our sweat glands. One feeds the types of bacteria that fart methane and other chemicals (which smell bad). The other does not (not so much anyway). Japanese and Koreans exhibit mostly the non-stinky protein where as Africans exhibit the highest amount of the stinky protein with Caucasians coming a very close second. I am caucasian and Im exactly 40yrs old , there for not many people stink worse than I, even after a bath muhahahahaha.	Fat, Old	Age - Over 65s, Physical Identity - Physical Features	2/89	2.247
+mewoozy2 I myself, am not very stinky as a white guy. Off times I smell myself way before other people. I've found myself apologizing for stinking (I ride a bike to commute and sometimes get smelly) when others don't even notice.my BO from sweat usually smells like White Castle sliders that have been on the flat top for too long. Very irony grease, on top of a distinct cooked onion smell that must be some sulfur compound.I have also found that I can tell the gender of the last user of a toilet if they urinated in it. I can also pick up on food scents pretty fast. There have been a number of times that I figure out what someone eat, and very accurately too, by just standing next to them.I too have noticed that Black and Latino people definitely have their own scents. As a high wrestlers, I can assure you of that. Not having much close contact with Asian people I can't speak on their smell.It's strange what you pick up on once you actually pay attention to them.	Black, Gender	Ethnicity - Black, Gender - General	2/185	1.081
stress I guess blacks have bad odor which i think has to do with race	Race	Ethnicity - General	1/15	6.667
I am 37 and I already smell like an old fart.	Old	Age - Over 65s	1/11	9.091
SuperCharlesDC you're going to look back at your comment in the future and see how dumb you were	Dumb	Physical Identity - Physical (and Mental) Impairments	1/18	5.556
I thought it comes from their mouths cause nobody brushes their teeth when they can't anymore	Nobody	Age - Youngsters	1/16	6.25
But why is ther and old smell around my anus?	Old	Age - Over 65s	1/10	10.0
Wrong! There is a cure!Yes! Aging Odor, or old people smell, is caused by a natural substance called Nonenal.And the smell can be eliminated with natural persimmon extract.Thank you. All of you can withhold the applause.	Old	Age - Over 65s	1/39	2.564

Not only did it not crash, it delivered the car into orbit (what a weird sentence to type) and the booster rockets were landed simultaneously.The center core might have been lost upon re-entry, the video cut off and we didn't have confirmation yet about what happened.The car is still in Orbit and waiting for the correct angle to launch at Mars (what a weird sentence to type) as of when I wrote this comment.	Weird	Physical Identity - Physical (and Mental) Impairments	2/76	2.632
Evolution did this so you dont try to reproduce with old people, just like the odor of relatives makes them unattracted to each other	Old	Age - Over 65s	1/24	4.167
Young people, odor status: Nominal. Old people, odor status: Nonenal.	Old	Age - Over 65s	1/10	10.0
What causes old people smell? Not dying. I've been visiting a nursing home every day for the last 6 months and I've gone nose-blind to their body smell, but wow, the home smells like a port-a-pottie sometimes. Yet there is so much life to live hanging around people who have a foot in the grave. I guess when people are dying, they spend the rest of their lives living.	Old	Age - Over 65s	1/69	1.449
Grandpa smells a little old cause he's been dead for the past 6 years.	Old	Age - Over 65s	1/14	7.143
Old people have some long ass testicles..and penises..saggy and wrinkly. With liver spots and bluish green thick pulsating veins	Old	Age - Over 65s	1/19	5.263
this is gonna trigger some old folks	Old	Age - Over 65s	1/7	14.286
Red Ranger Glo lol	Red	Ideological and Political Identity - General, Ethnicity - Native-American	2/3	66.667
kateofthecity the white people i have been around smell like pennies and rain mixed with dog and air freshener. That's what i smell , im not saying its a bad smell but its weird , cant really explain it when all the smells are put together. But thats just my experience	Weird	Physical Identity - Physical (and Mental) Impairments	1/50	2.0
Angry Old Hank Green Oh, not you. You will never die. I will personally start a petition for Hank to live forever. We get to 2 million votes, he'll have to stop aging.	Old	Age - Over 65s	1/33	3.03

Yes. My Grandma has that smell. Lol. It's really weird .Edit: My great-grandma.	Weird	Physical Identity - Physical (and Mental) Impairments	1/13	7.692
"harry potter and the chamber of-" old people smell"	Old	Age - Over 65s	1/9	11.111
I've always wondered why all old people smell the same!!	Old	Age - Over 65s	1/10	10.0
I know what you mean. I live in a Co op complex in Connecticut most of the residents here are elderly . In the height of the summer the air-conditioners pump out the stank ass smell throughout the complex. It's smells like death butt and rotting gardenias. Absolutely awful.	Elderly	Age - Over 65s	1/48	2.083
hooray for old people science!	Old	Age - Over 65s	1/5	20.0
Dislikes are from the old people	Old	Age - Over 65s	1/6	16.667
Weirdo	Weirdo	Physical Identity - Physical (and Mental) Impairments	1/1	100.0
I dont know, old people are a dying market badum tsssSeriously though, crowd funding and old people probably wont go well together. Hard to get funding over the internet when your target audience barely knows how email works.	Old	Age - Over 65s	2/39	5.128
Riesenfrieze, It's not targeted at the old people; it's targeted at the people who don't want to smell the old people.	Old	Age - Over 65s	2/21	9.524
Don't ask me, I'm just a girl...so youre going to walk up to old people, tell them you dont like their smell and give them deodorant...?	Old	Age - Over 65s	1/27	3.704
Not just random old people. You may want to give some to your grandpa though.	Old	Age - Over 65s	1/15	6.667
Believe it or not many elderly are very conscious of their " Old person" smell, I personally know of many ladies who would love to be able to cover up that smell as they aren't willing to admit they aren't 21 yet :P	Elderly, Old	Age - Over 65s	2/42	4.762
There is. It's called shower ever everyday and keep clean.I have been all over the world, never smelled the black , native, asians. only the whites stink. Sorry, some white males are filthy and don't like to shower .	Black	Ethnicity - Black	1/39	2.564

Inherent Emperor Shut up you dumb skank.	Dumb	Physical Identity - Physical (and Mental) Impairments	1/7	14.286
OMG.... you guys are all so ageist ! you're all, without exception, going to have a nonenal experience.	Ageist	Age - General	1/17	5.882
Miguel Granda lol you're mean af. Hope you die early when you get old	Old	Age - Over 65s	1/14	7.143
Delve Weirdo . Why can't you pretend to be a lasagna noodle like everyone else?	Weirdo	Physical Identity - Physical (and Mental) Impairments	1/14	7.143
Old people cause old people smell	Old	Age - Over 65s	2/6	33.333
Is it the same with other mammals? I always hear that puppies have this puppy-smell and it smells a little weird . Not bad weird .	Weird	Physical Identity - Physical (and Mental) Impairments	2/24	8.333
Old people smell is for the weak	Old	Age - Over 65s	1/7	14.286
Old people smell like an old fart. I'm lookin' at you, Angry :D	Old	Age - Over 65s	2/13	15.385
The old and weak are doom.	Old	Age - Over 65s	1/6	16.667
Pavel kuma I did think that name was weird	Weird	Physical Identity - Physical (and Mental) Impairments	1/9	11.111
I'm gonna go out on a limb and say old people are the cause.	Old	Age - Over 65s	1/14	7.143
I don't want to get old !!!	Old	Age - Over 65s	1/6	16.667
Said Said I'm not old yet tho!	Old	Age - Over 65s	1/7	14.286
BleTrick Ppl age a lot faster if they are fat . Eat right and exercise.	Age, Fat	Age - General, Physical Identity - Physical Features	2/14	14.286

So, the point is, what are you going to do with that life of yours? Just take refuge in some corner hoping not to die, or doing something that make you happy and *alive*, or better yet, that make others happy and the world better? So, when you time of dying comes, you leave something of valuable behind, not just a corpse. A young or an old one, same thing. "Loss of life is to be mourned but only if the life was wasted."	Old	Age - Over 65s	1/84	1.19
Old people do.	Old	Age - Over 65s	1/3	33.333
Angry Old Hank Green So why is it called " old people smell" then?	Old	Age - Over 65s	2/13	15.385

Table 2: Summary of the results per sociolinguistic variable

Sociolinguistic variables (Hiper - Hipo)	KeyWords	Number of occurrences	Frequency	Frequency(%)
Age - Over 65s	Old, Elderly, Elder	199	199/13378	1.49
Ethnicity - General	Racist, Race	7	7/13378	0.05
Physical Identity - Physical (and Mental) Impairments	Blind, Weird, Crazy, Dumb, Weirdo	19	19/13378	0.13999999999999999
Physical Identity - Physical Features	Fat, Fatty	16	16/13378	0.12
Age - Youngsters	Nothing, Nobody	6	6/13378	0.04
Gender - Female age and physical appearance	Old hag, Hag	2	2/13378	0.01
Behavioural Addiction - Alcohol	alcohol	3	3/13378	0.02
Nationality - General	Alien	1	1/13378	0.01
Ethnicity - Black	Black, African	13	13/13378	0.1
Ethnicity - Native-American	Indian, Red	3	3/13378	0.02
Age - General	Age, Ageism, Ageist	19	19/13378	0.13999999999999999
Gender - General	Woman, Gender	2	2/13378	0.01
Social Class - Working class	Unrefined, Common	2	2/13378	0.01
Ideological and Political Identity - General	Red	2	2/13378	0.01

Result analysis:

- Taking into account the words that were detected, we can reach the conclusion these comments are associated with : : Age - Over 65s;Ethnicity - General;Physical Identity - Physical (and Mental) Impairments;Physical Identity - Physical Features;Age - Youngsters;Gender - Female age and physical appearance;Behavioural Addiction - Alcohol;Nationality - General;Ethnicity - Black;Ethnicity - Native-American;Age - General;Gender - General;Social Class - Working class; Ideological and Political Identity - General;

- The percentage of hate speech related words is 2.1976.
- Considering that the variable **Age - Over 65s** has the most occurrences in the post, we can interpret that this is the predominant hate speech.
- Overall there were 295/780 occurrences of hate speech related comments.