EXPLORE YOUR DNA

🧬 ADVANCED ANCESTRY REPORT

Naschda | Generated: 11/12/2025

📏 Distance Legend

All reports below are based on **Euclidean distance**. Use this legend to evaluate match quality:

| GREAT (<0.02) | GOOD (0.02-0.03) | AVERAGE (0.03-0.04) | DISTANT (0.04-0.06) | VERY DISTANT (>0.06) |

🏛 **Neolithic Breakdown** [Fit: 0.0139]

Population	Percentage	Value
TUR_Barcin_N	29.68%	0.1912
Yamnaya_RUS_Samara	27.24%	0.2002
BRA_LapaDoSanto_9600BP	14.66%	0.5710
Levant_PPNB	13.22%	0.2062
TUR_Tepecik_Ciftlik_N	9.96%	0.1724
WHG	3.38%	0.3971
IRN_Ganj_Dareh_N	1.11%	0.2875
Yoruba	0.75%	0.7386

Your Neolithic breakdown shows your genetic ancestry as modeled by ancient populations: 🖼OpenAI

- **TUR_Barcin_N (29.68%)**: Major ancestry from Neolithic farmers of northwest Anatolia (modern Turkey), who were among the first to spread farming into Europe. - **Yamnaya_RUS_Samara (27.24%)**: Significant ancestry from steppe pastoralists of the Pontic-Caspian region (Yamnaya culture), linked to the spread of Indo-European languages. - **BRA_LapaDoSanto_9600BP (14.66%)**: Notable component from ancient hunter-gatherers in Brazil, representing deep Native American ancestry. - **Levant_PPNB (13.22%)**: Ancestry from Pre-Pottery Neolithic B farmers of the Levant (Eastern Mediterranean), among the earliest agriculturalists. - **TUR_Tepecik_Ciftlik_N (9.96%)**: Additional Anatolian Neolithic ancestry, from central Turkey, showing diversity among early farming groups. - **WHG (3.38%)**: Western Hunter-Gatherer ancestry from Mesolithic Europe, common in Europeans before and during the Neolithic. - **IRN_Ganj_Dareh_N (1.11%)**: Small input from Neolithic Iran, reflecting early farming expansions from the east. - **Yoruba (0.75%)**: Minimal West African ancestry, possibly reflecting deep ancient connections or minor recent admixture.

Overall, your ancestry is primarily from early Eurasian farmers (especially Anatolia and the Levant), steppe pastoralists, and some Native American lineage, with minor contributions from European hunter-gatherers, ancient Iranians, and West Africans.

🌍 Modern Breakdown   Fit: 0.0220

This report estimates your ancestry using modern reference populations from our database.

Population	Percentage	Score
Peruvian_Mestizo	32.66%	0.0950
Venezuelan_Moreno	14.77%	0.1026
Argentine_Euro-Mestizo	11.86%	0.0784
Greek_Central_Greece	8.71%	0.1038
Turkish_North_Macedonia	6.33%	0.0980
Turkish_Central_Macedonia	6.07%	0.0927
Ashkenazi_Russia	3.42%	0.1034
Ashkenazi_Jew_Russia	3.42%	0.1034
Pomak_North_Macedonia	2.90%	0.1027
Pomak_Tikves_Plain	2.90%	0.1027
Patriyot_West_Macedonia	2.60%	0.0984
Turkish_Lesbos	2.59%	0.0889
Turkish_West_Thrace	1.77%	0.0819

Your modern breakdown suggests a diverse ancestry with strong roots in Latin America and Southern Europe, as well as some Jewish and Balkan heritage. The largest component, Peruvian Mestizo (32.66%), indicates significant Native American and Spanish/European ancestry typical of Peru. Venezuelan Moreno (14.77%) and Argentine Euro-Mestizo (11.86%) further reinforce a blend of Indigenous and European (especially Spanish and Italian) backgrounds common in northern and southern South America.

The Greek (8.71%) and Turkish (12.4% combined from North and Central Macedonia regions) results show substantial Southeastern European ancestry, possibly from migration or mixed heritage. The Ashkenazi Jewish segments from Russia (6.84% total) point to Eastern European Jewish roots. The Pomak results (5.8% combined), referencing a Muslim Slavic group from the Balkans, suggest additional Balkan ancestry.

Overall, your breakdown reflects a rich mix of Latin American (with both Indigenous and European roots), Southern and Southeastern European, Eastern European Jewish, and Balkan ancestries.

⚔️ Ancient Model   Fit: 0.0673

This analysis traces your ancestry by referencing ancient populations from various archaeological sites.

Population	Percentage	Score
Tarim*Basin*(570-200*BC)	35.38%	0.2018
Greek*(770-400*BC)	18.88%	0.1354
Sardinian*(1100-300*BC)	12.74%	0.1875
Roman*Sardinia*(AD*400-500)	10.05%	0.1699
Arabian*Peninsula	7.76%	0.2060
Baltic*(AD*900-1050)	4.26%	0.1886
Carthage*(760-250*BC)	3.50%	0.1337
Paeonian*(750-100*BC)	2.72%	0.1144
Saami*(AD*300-800)	1.95%	0.1959
Roman*Iberia*(AD*260-500)	1.62%	0.1158
Berber*(760-540*BC)	1.14%	0.2154

Your ancient breakdown reflects the estimated percentages of your genetic ancestry that most closely match various ancient populations. Here's a concise interpretation: 🖼️OpenAI

- **Tarim Basin (570-200 BC) – 35.38%:** The largest component of your ancestry is linked to the ancient populations of the Tarim Basin in what is now western China. These people were known for their diverse, mixed Eurasian heritage. - **Greek (770-400 BC) – 18.88%:** A significant portion of your ancestry is related to ancient Greeks during the Classical period, suggesting Mediterranean genetic connections. - **Sardinian (1100-300 BC) – 12.74%:** You have notable ancestry from ancient Sardinia, an island with a unique genetic profile in the western Mediterranean. - **Roman Sardinia (AD 400-500) – 10.05%:** Additional ancestry comes from Sardinia during the late Roman period, indicating continuity or further admixture on the island. - **Arabian Peninsula – 7.76%:** You have a measurable amount of ancestry from populations of the Arabian Peninsula, reflecting connections to ancient West Asia. - **Baltic (AD 900-1050) – 4.26%:** Some of your ancestry traces to medieval Baltic populations, possibly reflecting northern or eastern European links. - **Carthage (760-250 BC) – 3.50%:** A small percentage is related to ancient Carthaginians in North Africa, suggesting North African or Phoenician influence. - **Paeonian (750-100 BC) – 2.72%:** This component links you to the ancient Paeonians, a people from the Balkans near Macedonia. - **Saami (AD 300-800) – 1.95%:** You have minor ancestry from the ancient Saami, an indigenous group from northern Fennoscandia. - **Roman Iberia (AD 260-500) – 1.62%:** A small fraction of your ancestry is connected to the late Roman populations of the Iberian Peninsula (Spain and Portugal).

Overall, your ancestry is highly diverse, with major components from Central Asia, the Mediterranean, and minor influences from Northern and Eastern Europe, North Africa, and the Arabian Peninsula. This suggests a complex and multicultural ancestral background.

📍 50 Closest Modern Populations

If your closest population shows a low distance (bright green), you likely belong to that ethnicity or a closely related group.

Population	Distance
Brazilian_Branco	0.0710
Uruguayan_Mestizo	0.0732
Puerto_Rican	0.0769
Argentine_Euro-Mestizo	0.0784
Turkish_West_Thrace	0.0819
Turkish_Rumeli	0.0821
Turkish_North_Thrace	0.0827
Turkish_Lesbos	0.0889
Turkish_Balkans_(Anatolian_Turk-Mixed_Profile)	0.0893
Turkish_Northern_Bulgaria	0.0905
Turkish_Canakkale_Europe	0.0906
Turkish_Deliorman	0.0909
Turkish_Istanbul_(Anatolian_Turk-Mixed_Balkan_Turk_Profile)	0.0919
Turkish_Izmir	0.0925
Turkish_Central_Macedonia	0.0927
Turkish_Chitak	0.0930
Turkish_Thessaly	0.0936
Roma_Barcelona	0.0944
Roma_Spain_Barcelona	0.0944
Peruvian_Mestizo	0.0950
Roma_Serbia	0.0951
Turkish_Antalya_Yoruk	0.0969
Turkish_Eastern_Macedonia	0.0971
Turkish_Kutahya	0.0978
Turkish_Kocaeli	0.0979

Population	Distance
Turkish_North_Macedonia	0.0980
Patriyot_West_Macedonia	0.0984
Turkish_Duzce	0.0987
Turkish_Aydin	0.1000
Turkish_Denizli	0.1001
Turkish_Usak	0.1002
Turkish_Ankara_Manav	0.1004
Turkish_Balikesir	0.1011
Turkish_Isparta	0.1013
Turkish_Karabuk	0.1017
Turkish_Eskisehir	0.1020
Turkish_Antalya	0.1022
Turkish_Western_Macedonia	0.1022
Turkish_Dodecanese	0.1023
Cuban_Blanco	0.1024
Venezuelan_Moreno	0.1026
Pomak_North_Macedonia	0.1027
Pomak_Tikves_Plain	0.1027
Turkish_Afyonkarahisar	0.1033
Ashkenazi_Russia	0.1034
Ashkenazi_Jew_Russia	0.1034
Turkish_Sakarya	0.1036
Greek_Central_Greece	0.1038
Turkish_Burdur	0.1041
Turkish_Mugla	0.1042

Your list shows the closest modern populations to your genetic profile, ranked by genetic distance (lower values mean closer similarity).
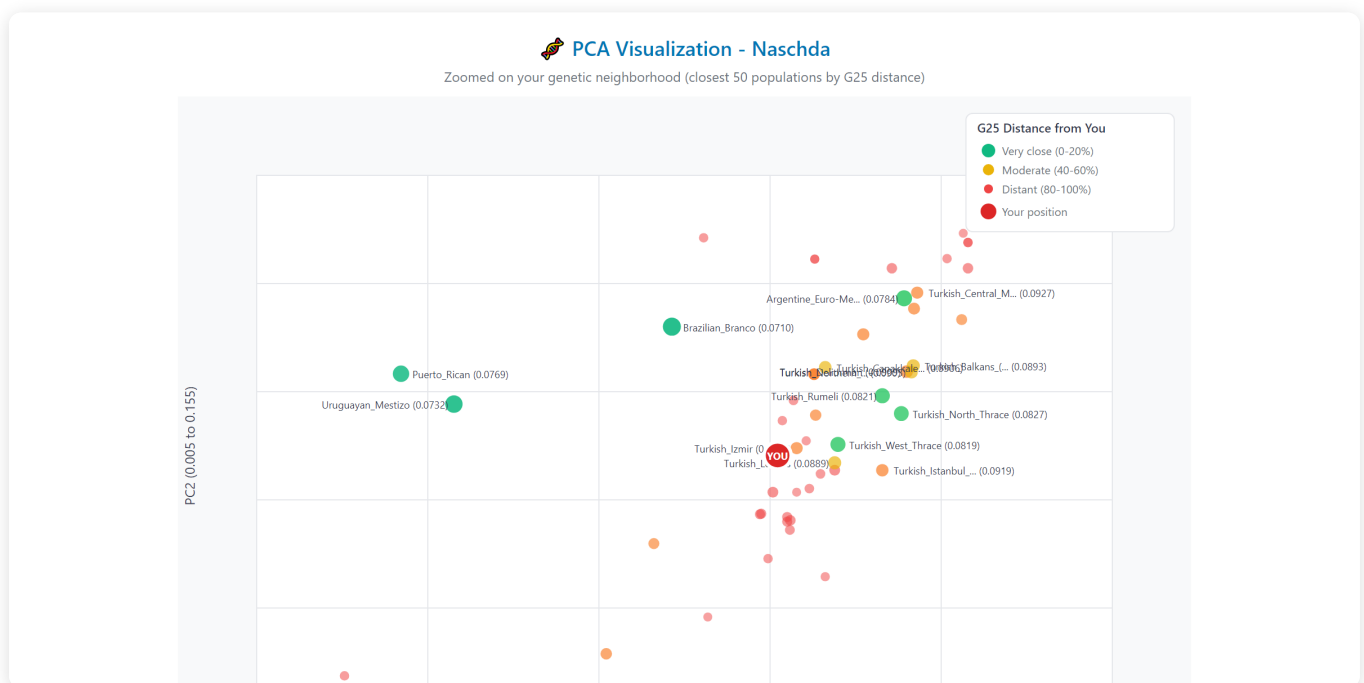
OpenAI

Interpretation: - Brazilian_Branco, Uruguayan_Mestizo, Puerto_Rican, Argentine_Euro-Mestizo: These are Latin American populations with significant European and some Indigenous (and in some cases African) ancestry. Your closest matches being in this group suggests you have a strong genetic affinity to Latin American populations with mixed European (mostly Iberian, Italian, etc.) and possibly Indigenous ancestry. - **Turkish (various regions):** The next closest

matches are from various Turkish populations, especially those from the European part of Turkey (Thrace, Rumeli, Balkans, etc.). This indicates a significant similarity to populations from the Balkans and Anatolia, which are themselves historically mixed between Southeastern European and West Asian ancestries. - **Roma (Barcelona, Spain):** The Roma community in Spain, who have South Asian roots but have mixed with local European populations over centuries, also show up as a close match, suggesting either shared European ancestry or minor South Asian components. - **Peruvian_Mestizo:** Another Latin American mixed population, reinforcing the pattern of affinity to admixed Latin American groups.

Summary: Your genetic profile is closest to Latin American populations with substantial European and some Indigenous admixture, and also shows notable similarity to populations from the Balkans and European Turkey. This could reflect a background blending Southern European, Anatolian/Balkan, and possibly Indigenous American components. The presence of Roma and various Turkish groups indicates your ancestry may include elements common in Mediterranean, Balkan, and Latin American gene pools.
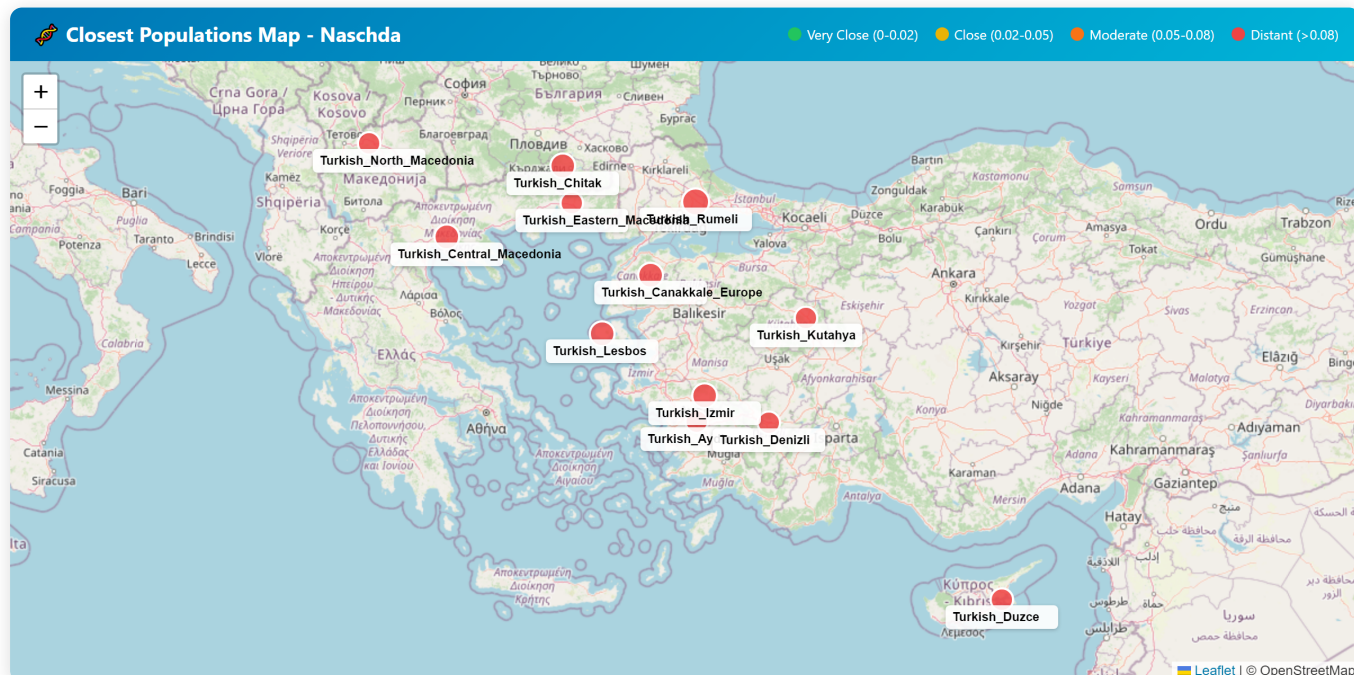
📊 PCA Visualization

Principal Component Analysis showing your genetic position (red dot) relative to modern reference populations (grey dots). G25 coordinates are already PCA-transformed, so this shows PC1 vs PC2.

🧬 PCA Visualization - Naschda
Zoomed on your genetic neighborhood (closest 50 populations by G25 distance)
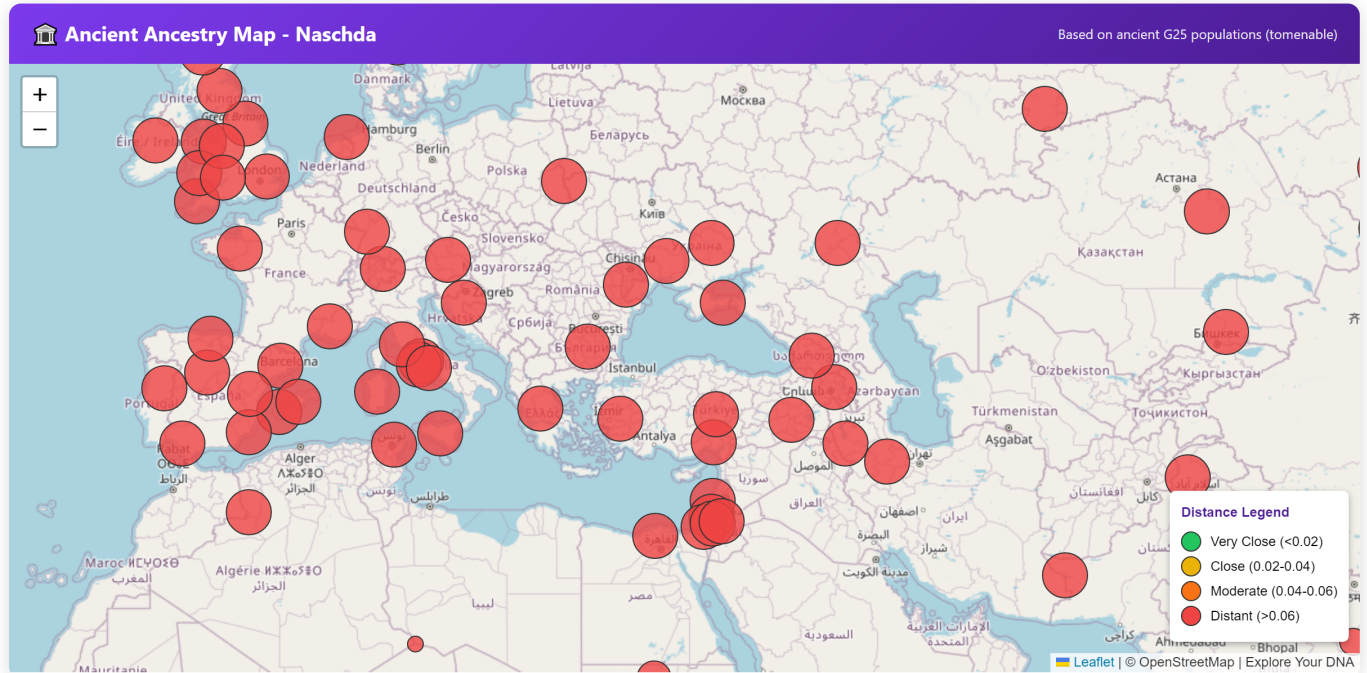
🗺️ Modern Similarity Map

Geographic visualization of your closest modern populations. Circle size and color indicate genetic proximity (green = close, red = distant).

🏛️ Ancient Ancestry Map

Geographic visualization of your closest ancient populations based on archaeological G25 samples. Circle size and color indicate genetic proximity.

🏛️ Ancient Ancestry Map - Naschda | Based on ancient G25 populations (tomenable)

Distance Legend
- 🟢 Very Close (<0.02)
- 🟡 Close (0.02-0.04)
- 🟠 Moderate (0.04-0.06)
- 🔴 Distant (>0.06)

Leaflet | © OpenStreetMap | Explore Your DNA

📖 View Interactive Map Online

⤬ 50 Closest 2-Way Combinations

About 2-Way Analysis: Compares your coordinates to combinations of two populations. If you come from a single ethnicity, focus on populations closest to you. For mixed ancestry, your results will show combinations close to your parental backgrounds.

Combination	Distance
59.5% Italian_Lazio + 40.5% Colombian_Mestizo	0.0164
59.5% Italian_Lazio_(Lazian) + 40.5% Colombian_Mestizo	0.0164
63.7% Greek_Central_Greece_Phocis + 36.3% Salvadoran_Mestizo	0.0172
60.5% Greek_Izmir + 39.5% Colombian_Mestizo	0.0173
60.3% Italian_Abruzzo_(Abruzzese) + 39.7% Colombian_Mestizo	0.0174
60.3% Italian_Abruzzo + 39.7% Colombian_Mestizo	0.0174
57.9% Greek_Cyclades_Kea + 42.1% Mexican_Mestizo	0.0174
56.6% Greek_Central_Greece_Phocis + 43.4% Mexican_Mestizo	0.0174
60.8% Greek_Peloponnese + 39.2% Colombian_Mestizo	0.0175
61.7% Greek_Cyclades_Kea + 38.3% Colombian_Mestizo	0.0175
60.5% Italian_Molise_(Molisan) + 39.5% Colombian_Mestizo	0.0175
60.5% Italian_Molise + 39.5% Colombian_Mestizo	0.0175
60.3% Greek_Peloponnese_Laconia_Eurotas + 39.7% Colombian_Mestizo	0.0175
60.8% Italian_Marche_Ascoli_Piceno_(Abruzzese) + 39.2% Colombian_Mestizo	0.0176
60.2% Greek_Peloponnese_Laconia_Monemvasia + 39.8% Colombian_Mestizo	0.0177
60.5% Greek_South_Tsakonia + 39.5% Colombian_Mestizo	0.0181
60.5% Greek_Peloponnese_Tsakonia_Littoral + 39.5% Colombian_Mestizo	0.0181
59.8% Greek_Apulia + 40.2% Colombian_Mestizo	0.0181
59.8% Greek_Italy_Apulia + 40.2% Colombian_Mestizo	0.0181
57.0% Greek_Peloponnese + 43.0% Mexican_Mestizo	0.0183
60.5% Greek_Laconia + 39.5% Colombian_Mestizo	0.0184
56.7% Greek_Izmir + 43.3% Mexican_Mestizo	0.0184
60.7% Italian_Umbria + 39.3% Colombian_Mestizo	0.0184
56.4% Greek_Peloponnese_Laconia_Monemvasia + 43.6% Mexican_Mestizo	0.0184

60.2% Italian_Apulia_(Apulian) + 39.8% Colombian_Mestizo	0.0185
60.8% Greek_Peloponnese_Laconia_Vardounia/East_Taygetos + 39.2% Colombian_Mestizo	0.0185
59.7% Sicilian_Agrigento + 40.3% Colombian_Mestizo	0.0185
56.7% Greek_Peloponnese_Tsakonia_Littoral + 43.3% Mexican_Mestizo	0.0185
56.7% Greek_South_Tsakonia + 43.3% Mexican_Mestizo	0.0185
60.3% Greek_Western_Anatolia_Smyrna + 39.7% Colombian_Mestizo	0.0186
60.1% Italian_Basilicata + 39.9% Colombian_Mestizo	0.0186
61.1% Greek_Achaea + 38.9% Colombian_Mestizo	0.0186
61.1% Greek_Peloponnese_Achaea + 38.9% Colombian_Mestizo	0.0186
60.8% Italian_Marche + 39.2% Colombian_Mestizo	0.0186
57.0% Greek_Peloponnese_Corinthia + 43.0% Mexican_Mestizo	0.0187
60.0% Italian_Basilicata_(Lucanian) + 40.0% Colombian_Mestizo	0.0187
60.7% Greek_East_Taygetos + 39.3% Colombian_Mestizo	0.0187
60.5% Greek_Central_Greece_Phocis + 39.5% Colombian_Mestizo	0.0189
60.9% Greek_Elis + 39.1% Colombian_Mestizo	0.0189
60.8% Greek_Peloponnese_Corinthia + 39.2% Colombian_Mestizo	0.0189
60.9% Greek_Peloponnese_Arcadia + 39.1% Colombian_Mestizo	0.0189
60.9% Greek_Corinthia + 39.1% Colombian_Mestizo	0.0190
57.1% Greek_Corinthia + 42.9% Mexican_Mestizo	0.0191
56.5% Greek_Peloponnese_Laconia_Eurotas + 43.5% Mexican_Mestizo	0.0191
57.3% Greek_Peloponnese_Achaea + 42.7% Mexican_Mestizo	0.0192
57.3% Greek_Achaea + 42.7% Mexican_Mestizo	0.0192
60.8% Italian_Marche_(Marchigiano) + 39.2% Colombian_Mestizo	0.0192
60.9% Greek_Peloponnese_Elis + 39.1% Colombian_Mestizo	0.0193
59.6% Italian_Campania + 40.4% Colombian_Mestizo	0.0196
64.0% Italian_Umbria + 36.0% Salvadoran_Mestizo	0.0197

These results are from an ancestry or admixture calculator that models your DNA as a mix of reference ![OpenAI] populations. Each line shows the best-fitting combination of two reference populations (2-way combinations) that approximate your genetic profile, along with a "distance" value in parentheses (lower is a closer fit).

How to interpret: - The percentages represent the estimated proportion of your DNA that matches each reference

population in the pair. - The reference populations (e.g., "Italian_Lazio", "Colombian_Mestizo") are not literal ancestors but proxies for certain genetic backgrounds. - The distance value (e.g., 0.016406) indicates how closely this combination matches your DNA; smaller values mean a better fit.

Your results indicate: - Your DNA is best modeled as a mix of approximately 60% Southern European (primarily Italian or Greek regions) and 40% Latin American Mestizo (mainly Colombian or Mexican). - The most common and closest-fitting combinations involve Italian (Lazio, Abruzzo, Molise, Marche) or Greek (Central Greece, Cyclades, Peloponnese) populations paired with Colombian or Mexican Mestizo. - The small differences in distance values across combinations suggest your ancestry fits somewhere between these Southern European and Mestizo Latin American populations.

Conclusion: Your genetic profile is most similar to someone with a significant Southern European (Italian/Greek) and Latin American Mestizo (Colombian/Mexican) ancestry, with about a 60/40 split. The exact regions (Lazio, Abruzzo, Peloponnese, etc.) and Latin American groups (Colombian, Mexican, Salvadoran) may vary slightly, but the pattern is consistent.

🎯 4-Way Combinations (25% each)

Equal-share combinations with 25.00% contribution from each population.

Mix	Distance
Peruvian_Mestizo (25.0%) + Venezuelan_Moreno (25.0%) + Saône et Loire (France) (25.0%) + Greek_Peloponnese_Tsakonia_Littoral (25.0%)	0.0240
Peruvian_Mestizo (25.0%) + Albanian_Gheg_Serbia (25.0%) + Venezuelan_Moreno (25.0%) + Ashkenazi_Romania (25.0%)	0.0246
Italian_Piedmont_Val_Borbera_(Ligurian) (25.0%) + Peruvian_Mestizo (25.0%) + Venezuelan_Moreno (25.0%) + Turkish_Rumeli (25.0%)	0.0250
Greek_Central_Greece (25.0%) + Turkish_Balkans_(Balkan_Profile) (25.0%) + Peruvian_Mestizo (25.0%) + Venezuelan_Moreno (25.0%)	0.0251
Venezuelan_Moreno (25.0%) + Bulgaria-South (25.0%) + Vlach_Aromanian_Greece (25.0%) + Peruvian_Mestizo (25.0%)	0.0252
Turkish_Central_Macedonia (25.0%) + Italian_Northeast (25.0%) + Peruvian_Mestizo (25.0%) + Venezuelan_Moreno (25.0%)	0.0254
Venezuelan_Moreno (25.0%) + Ashkenazi_Ukraine (25.0%) + Peruvian_Mestizo (25.0%) + Bulgaria-South (25.0%)	0.0254
Peruvian_Mestizo (25.0%) + Venezuelan_Moreno (25.0%) + Pomak_North_Macedonia (25.0%) + Albanian_Gheg_Serbia (25.0%)	0.0255
Italian_Carloforte_(Ligurian) (25.0%) + Venezuelan_Moreno (25.0%) + Peruvian_Mestizo (25.0%) + Greek_Achaea (25.0%)	0.0255
Italian_Marche_Ascoli_Piceno_(Abruzzese) (25.0%) + Peruvian_Mestizo (25.0%) + Greek_East_Macedonia_and_Thrace (25.0%) + Peruvian_Mestizo (25.0%)	0.0255

🎯 8-Way Combinations (12.5% each)

Equal-share combinations with 12.50% contribution from each population.

Mix	Distance
Peruvian_Mestizo (12.5%) + Italian_Piedmont (12.5%) + Spanish_Canarias_(Canarian) (12.5%) + Italian_Lazio_(Lazian) (12.5%) + Peruvian_Mestizo (12.5%) + Greek_Central_Greece_Phthiotis (12.5%) + Patriyot_West_Macedonia (12.5%) + Peruvian_Mestizo (12.5%)	0.0391
Argentine_Euro-Mestizo (12.5%) + Italian_Apulia_(Apulian) (12.5%) + Patriyot_West_Macedonia (12.5%) + Turkish_Central_Macedonia (12.5%) + Peruvian_Mestizo (12.5%) + Puerto_Rican (12.5%) + Turkish_Sakarya (12.5%) + Venezuelan_Moreno (12.5%)	0.0397
Spanish_Catalonia_Penedes_(Catalan) (12.5%) + Serb_Montenegro (12.5%) + Italian_Marche_Ascoli_Piceno_(Abruzzese) (12.5%) + Uruguayan_Mestizo (12.5%) + Turkish_Adana (12.5%) + Venezuelan_Moreno (12.5%) + Peruvian_Mestizo (12.5%) + Montenegrin (12.5%)	0.0473
Turkish_Mugla (12.5%) + Greek_Cyclades_Milos (12.5%) + Venezuelan_Moreno (12.5%) + Brazilian_Branco (12.5%) + Turkish_Eastern_Macedonia (12.5%) + Greek_Italy_Apulia (12.5%) + Greek_Peloponnese_Argolis (12.5%) + Venezuelan_Moreno (12.5%)	0.0474
Venezuelan_Moreno (12.5%) + Spanish_Galicia (12.5%) + Turkish_Ankara_Manav (12.5%) + Pomak_Bulgaria (12.5%) + Turkish_Denizli (12.5%) + Pomak_North_Macedonia (12.5%) + Peruvian_Mestizo (12.5%) + Albanian_Tosk_North_Macedonia (12.5%)	0.0477
Roma_Spain_Barcelona (12.5%) + Venezuelan_Moreno (12.5%) + Turkish_Istanbul_(Anatolian_Turk-Mixed_Balkan_Turk_Profile) (12.5%) + Greek_Achaea (12.5%) + Turkish_Mugla (12.5%) + Greek_Euboea (12.5%) + Peruvian_Mestizo (12.5%) + Italian_Romagna (12.5%)	0.0481
Turkish_Deliorman (12.5%) + Greek_Crete_Heraklion (12.5%) + Venezuelan_Moreno (12.5%) + Brazilian_Branco (12.5%) + Greek_Crete_Rethymno (12.5%) + Venezuelan_Moreno (12.5%) + Serb_Serbia_Jablanica (12.5%) + Turkish_Antalya (12.5%)	0.0481
Greek_Crete_Heraklion (12.5%) + Venezuelan_Moreno (12.5%) + Turkish_Istanbul_(Balkan_Profile) (12.5%) + Uruguayan_Mestizo (12.5%) + Peruvian_Mestizo (12.5%) + Spanish_Baleares_(Catalan) (12.5%) + Turkish_Balikesir (12.5%) + Maltese (12.5%)	0.0482
Spanish_Canarias_(Canarian) (12.5%) + Puerto_Rican (12.5%) + Venezuelan_Moreno (12.5%) + Peruvian_Mestizo (12.5%) + Italian_East_Emilia (12.5%) + Turkish_Ankara_Manav (12.5%) + Ashkenazi_Jew_Austria (12.5%) + Greek_Peloponnese_Elis (12.5%)	0.0484
Peruvian_Mestizo (12.5%) + Greek_Peloponnese_Elis (12.5%) + Turkish_Kahramanmaras (12.5%) + Argentine_Euro-Mestizo (12.5%) + Ashkenazi_Austria (12.5%) + Ardèche (France) (12.5%) + Italian_Trentino_(Trentino_or_Venetian) (12.5%) + Venezuelan_Moreno (12.5%)	0.0486

🎯 16-Way Combinations (6.25% each)

Equal-share combinations with 6.25% contribution from each population.

Mix	Distance
Turkish_Central_Macedonia (6.2%) + Turkish_Bartin (6.2%) + Peruvian_Mestizo (6.2%) + Spanish_Galicia_(Galician) (6.2%) + Turkish_Antalya_Yoruk (6.2%) + Venezuelan_Moreno (6.2%) + Italian_Carloforte_(Ligurian) (6.2%) + Italian_Basilicata_(Lucanian) (6.2%) + Turkish_Mugla (6.2%) + Peruvian_Mestizo (6.2%) + Turkish_Zonguldak (6.2%) + Italian_Südtyrol (6.2%) + Turkish_Balikesir_Cepni (6.2%) + French_Occitan_Provence-Alpes-Cote_d'Azur_Bouches-du-Rhone_Marseille (6.2%) + Spanish_Galicia (6.2%) + Greek_Crete_Heraklion (6.2%)	0.0571
Italian_Basilicata_(Lucanian) (6.2%) + Spanish_Valencia_(Valencian) (6.2%) + Italian_Veneto_(Venetian) (6.2%) + Jura (France) (6.2%) + Spanish_Canarias_La_Gomera_(Canarian) (6.2%) + Greek_Laconia (6.2%) + Turkish_Giresun (6.2%) + Greek_Peloponnese_Tsakonia_Inland (6.2%) + Venezuelan_Moreno (6.2%) + Turkish_Hatay (6.2%) + Italian_Molise (6.2%) + Ashkenazi_Jew_France (6.2%) + Turkish_Duzce (6.2%) + Venezuelan_Moreno (6.2%) + French_Occitan_Provence-Alpes-Cote_d'Azur_o (6.2%) + Venezuelan_Moreno (6.2%)	0.0617
Ashkenazi_Jew_Russia (6.2%) + Turkish_Antalya (6.2%) + Venezuelan_Moreno (6.2%) + Bulgaria-North (6.2%) + Venezuelan_Moreno (6.2%) + Italian_Carloforte_(Ligurian) (6.2%) + Pomak_Tikves_Plain (6.2%) + Turkish_Central_Macedonia (6.2%) + Turkish_Deliorman (6.2%) + Roma_Bilbao (6.2%) + Sicilian_West (6.2%) + Greek_Macedonia (6.2%) + Turkish_Kayseri (6.2%) + Greek_Western_Anatolia_Phokaia (6.2%) + Peruvian_Mestizo (6.2%) + Turkish_Nevsehir (6.2%)	0.0620
Spanish_Baleares_Ibiza_(Catalan) (6.2%) + Italian_Basilicata (6.2%) + Ashkenazi_Latvia (6.2%) + Turkish_Balikesir (6.2%) + Peruvian_Mestizo (6.2%) + Spanish_Catalonia_Terres_de_l'Ebre_(Catalan) (6.2%) + Albanian_Tosk_North_Macedonia (6.2%) + Spanish_Girona (6.2%) + Peruvian_Mestizo (6.2%) + Ashkenazi_Jew_Lithuania (6.2%) + Turkish_Elazig (6.2%) + Turkish_Kahramanmaras (6.2%) + Turkish_Yozgat (6.2%) + Italian_Orobia (6.2%) + Venezuelan_Moreno (6.2%) + Spanish_Catalunya_Central (6.2%)	0.0629
Greek_East_Taygetos (6.2%) + Spanish_Baleares_(Catalan) (6.2%) + Torbeši_Polog (6.2%) + Venezuelan_Moreno (6.2%) + Bulgaria-SouthWest (6.2%) + Venezuelan_Moreno (6.2%) + Venezuelan_Moreno (6.2%) + Greek_Western_Anatolia_Phokaia (6.2%) + Bulgaria-South (6.2%) + Turkish_Karabuk (6.2%) + Roma_Madrid (6.2%) + Greek_Apulia (6.2%) + Turkish_Sivas (6.2%) + Spanish_Catalonia_Lleida_(Catalan) (6.2%) + Turkish_Aydin (6.2%) + Greek_South_Tsakonia (6.2%)	0.0632
Turkish_Karaman (6.2%) + Spanish_Soria (6.2%) + Venezuelan_Moreno (6.2%) + Spanish_Menorca (6.2%) + Saône et Loire (France) (6.2%) + Italian_East_Emilia (6.2%) + Turkish_Kutahya (6.2%) + Ashkenazi_Jew_Belarus (6.2%) + Ashkenazi_Jew_Belarus (6.2%) + Spanish_Galicia (6.2%) + Italian_Südtyrol (6.2%) + Serb_North_Macedonia (6.2%) + Italian_Südtyrol (6.2%) + Roma_Spain_Barcelona (6.2%) + Venezuelan_Moreno (6.2%) + Venezuelan_Moreno (6.2%)	0.0633
Ashkenazi_Jew_Latvia (6.2%) + Serb (6.2%) + Peruvian_Mestizo (6.2%) + Greek_Peloponnese (6.2%) + Venezuelan_Moreno (6.2%) + Ashkenazi_Jew_France (6.2%) + Turkish_Adana (6.2%) + Turkish_Burdur (6.2%) + Venezuelan_Moreno (6.2%) + Greek_Crete_Rethymno (6.2%) + Italian_Friuli_Sauris_(Bavarian) (6.2%) + Turkish_Dodecanese (6.2%) + Greek_Central_Greece_Phocis (6.2%) + Bulgaria-Center-North (6.2%) + French_Occitan_Provence-Alpes-Cote_d'Azur (6.2%) + Albanian_Gheg (6.2%)	0.0645
Turkish_Adana (6.2%) + Spanish_Menorca (6.2%) + Serb_Serbia_Toplica (6.2%) + Greek_Argolis (6.2%) + Serb_Serbia_Nisava (6.2%) + Bosniak_Croatia (6.2%) + Gagauz (6.2%) + Venezuelan_Moreno (6.2%) + Peruvian_Mestizo (6.2%) + Turkish_Eastern_Macedonia (6.2%) + Venezuelan_Moreno (6.2%) + Brazilian_Branco (6.2%) + Serb_Serbia_Nisava (6.2%) + Spanish_Castile_and_Leon_Soria_(Castilian) (6.2%) + Greek_Cyclades_Kea (6.2%) + Romanian (6.2%)	0.0649
Venezuelan_Moreno (6.2%) + Serb_Serbia_Branicevo (6.2%) + Turkish_Samsun (6.2%) + Spanish_Extremadura (6.2%) + Vlach_Aromanian_Greece (6.2%) + Turkish_Kahramanmaras (6.2%) + Bulgaria-South (6.2%) + Greek_Heptanese_Corfu (6.2%) + Spanish_Catalonia_Lleida_(Catalan) (6.2%) + Peruvian_Mestizo (6.2%) + Greek_Peloponnese (6.2%) + Italian_Lombardy_(Lombard) (6.2%) + Venezuelan_Moreno (6.2%) + Turkish_Zonguldak (6.2%) + Turkish_Sinop_Northwest (6.2%) + Italian_West_Emilia (6.2%)	0.0651
Peruvian_Mestizo (6.2%) + Greek_Deep_Mani (6.2%) + Greek_Crete_Heraklion (6.2%) + Spanish_Catalonia_Lleida_(Catalan) (6.2%) + Peruvian_Mestizo (6.2%) + Peruvian_Mestizo (6.2%) + Bas-Rhin (France) (6.2%) + Italian_Piedmont_Cuneo_(Occitan_or_Piedmontese) (6.2%) + Abdal (6.2%) + Ashkenazi_Jew_Austria (6.2%) + Spanish_Asturias_(Asturian) (6.2%) + Swiss_Italian (6.2%) + Serb_Serbia_Belgrade (6.2%) + Bosnian (6.2%) + Rumelia_East (6.2%) + Azeri_Azerbaijan_Shamkir (6.2%)	0.0656

📊 Multi-Way Analysis Interpretation

These multi-way ancestry combinations represent hypothetical genetic ancestry mixes, where your DNA is modeled as being composed of several different populations or ethnic groups, each contributing a specific percentage to your overall genetic makeup. Here's how to interpret them:

4-Way (25% each): Your ancestry is modeled as being split evenly between four populations. For example: - Peruvian_Mestizo (25%) - Venezuelan_Moreno (25%) - Saône et Loire (France) (25%) - Greek_Peloponnese_Tsakonia_Littoral (25%) This suggests your DNA could be explained by having one grandparent from each of these backgrounds, or a similar proportional mix.

8-Way (12.5% each): Your ancestry is modeled as coming from eight different populations, each contributing 12.5%. For example: - Peruvian_Mestizo (12.5%) - Italian_Piedmont (12.5%) - Spanish_Canarias (Canarian) (12.5%) - Italian_Lazio (Lazian) (12.5%) ... and four more populations at 12.5% each. This suggests a more complex family history, possibly with great-grandparents or further ancestors from each of these backgrounds.

16-Way (6.25% each): Your ancestry is modeled as coming from sixteen populations, each at 6.25%. For example: - Turkish_Central_Macedonia (6.25%) - Turkish_Bartin (6.25%) - Peruvian_Mestizo (6.25%) - Spanish_Galicia (Galician) (6.25%) ... and twelve more at 6.25% each. This indicates an even more diverse ancestry, with many small contributions from a wide range of populations.

Summary: - The more "ways" (4, 8, 16), the more diverse and complex your modeled ancestry is. - The percentage (25%, 12.5%, 6.25%) shows the estimated contribution of each population. - These models are hypothetical ways your DNA could be explained by different ancestral groups, not necessarily literal family tree relationships, but a statistical fit based on your genetic data.

🎯 Conclusion

Naschda, your genetic story is a fascinating blend that bridges continents and eras, weaving together threads from ancient Anatolia, the Eurasian steppes, and the early peoples of Brazil. Your primary ancestral connections highlight a rich tapestry, with deep roots in Neolithic Turkey and Russia, as well as strong ties to South American mestizo communities in Peru, Venezuela, and Argentina. The presence of unique ancient components, such as the Tarim Basin and classical Greek influences, adds even more depth and diversity to your heritage, setting your genetic profile apart as truly one-of-a-kind. Your closest modern relatives span from Brazil and Uruguay to Puerto Rico and Turkey, reflecting a remarkable journey across time and geography. Embrace this incredible mosaic, and let it inspire you to keep exploring the many stories and cultures that make you who you are.

AI-generated interpretation based on your genetic data

📁 Supported File Formats

This report supports raw DNA files from:

- **23andMe** - All versions
- **AncestryDNA** - Standard download
- **MyHeritage** - Raw DNA file
- **FamilyTreeDNA (FTDNA)** - Raw data
- **LivingDNA** - All chip versions (Orion, Sirius)
- **Superkit ExploreYourDNA** - Merged files from our platform

Files can be uploaded as .txt, .csv, .zip, or .gz formats.