

LINGUISTIC ARCHAEOLOGY



NOVEMBER 2021 UPDATE

<u>K group</u>	<u>sex</u>	<u>%</u>	<u>Dev. Chain</u>	<u>Cultural Bandgap</u>
Japanese	F	65%	(K; I; O; A; U)	
(-OS) PIE Animals		39%	(K; A; E; R; S, O)	

<u>O group</u>	<u>Sex</u>	<u>%</u>	<u>Dev. Chain</u>	<u>Cultural Bandgap</u>
Luo	M	89%	(O; I; N; A)	
Italian	M	88%	(O; I; A; R; E)	
Zapotec Pantheon		87%	(O; C; I; A; N, E)	
Benin	M	82%	(O; A; E; S; R)	
Benin	F	82%	(O; E; S; I; A, N)	●
Sesotho	M	80%	(O; L; A; E; T)	
Portugese	M	78%	(O; A; I; R; E; L)	
Basque	M	75%	(O; A; N; R)	
Spanish	M	74%	(O; A; I; E; N)	
The Shogi Game		66%	(O; I, K, A)	

<u>C group</u>	<u>Sex</u>	<u>%</u>	<u>Dev. Chain</u>	<u>Cultural Bandgap</u>
Inca	F	72%	(C; A; I; U; O)	●

<u>I group</u>	<u>Sex</u>	<u>%</u>	<u>Dev. Chain</u>	<u>Cultural Bandgap</u>
Toltec	F	100%	(I; T; L; C; A; O)	●
Icelandic	M	81%	(I; R; L; A; O)	
Kikuyu	F	73%	(I; A; N; W; U; R)	
Phoenician	F	70%	(I; T; A; H; N)	●
• Jupiter		70%	(I; T; P; U; R; E)	
Japanese	M	68%	(I; O; A; S; U)	●
Russian	M	66%	(I; A; R; N; O; E)	●
• Jap. Mountains		62%	(I; A; O; K; S, U)	
Kikuyu	M	60%	(I; A, U, M, R; G; N)	●
Mongol	M	57%	(I; A; U; Q; R)	●
Norwegian	F	57%	(I; A; E; N; R; L)	●
Ogham		44%	(I; A, E; R; O; U)	●

<u>N group</u>	<u>Sex</u>	<u>%</u>	<u>Dev. Chain</u>	<u>Cultural Bandgap</u>
Xhosa	F	100%	(N; A; O; E, M)	

• Indigo		87%	(N; I; D, A; O; G)	
• Kor. Rivers		83%	(N; G; A; O; H; E; Y)	
Irish fam.		66%	(N; A; E)	
NW. Ab.	F	64%	(N; A, U; I, L)	●
Welsh	F	63%	(N; E; A; R, I; L; W)	
Mongol	F	60%	(N; I; A; O, Q)	●
Vietnamese	F	52%	(N; H; A; U; I; E)	
Briton	M	51%	(N; R; A; E; Y, D)	
Chinese	F	46%	(N; A; I, U; H, Y)	
Korean	M	45%	(N; O; H, G; U)	
Korean	F	44%	(N; O; H, E; Y, U)	
Chinese	M	44%	(N; A; G, U; H)	

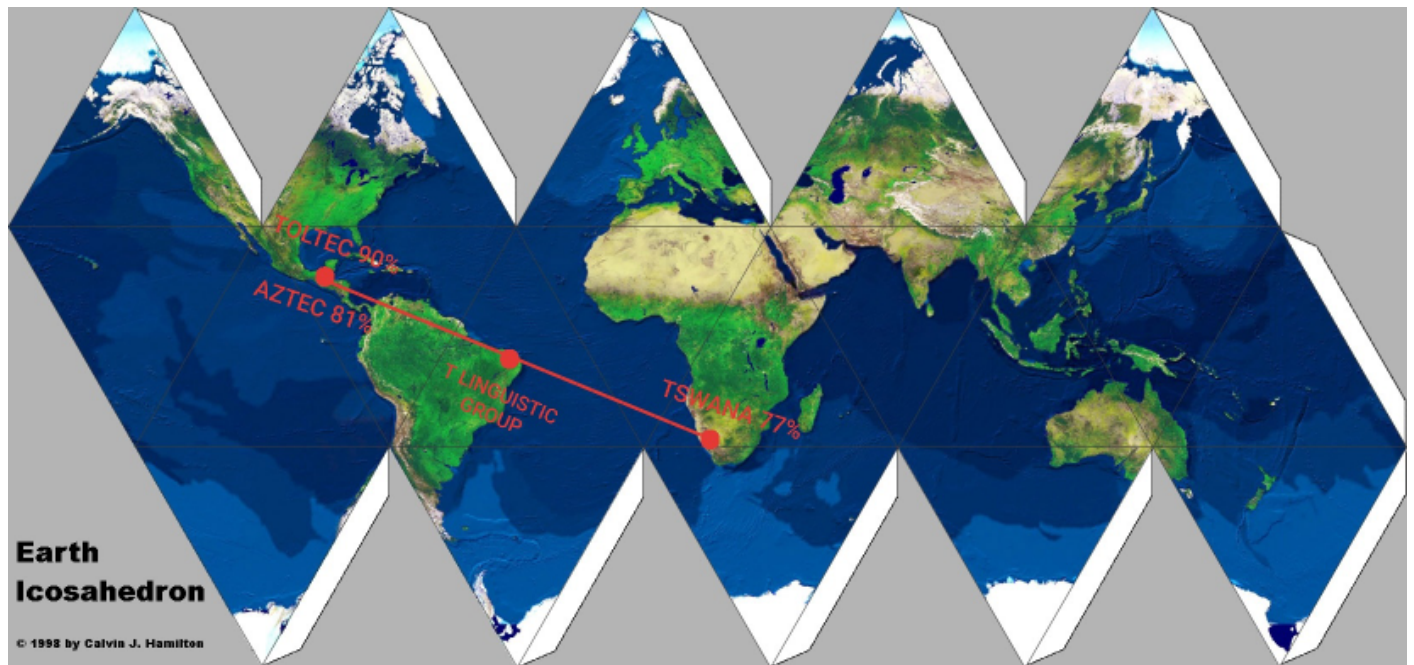
E group	Sex	%	Dev. Chain	Cultural Bandgap
French	F	89%	(E; I; A; N; L; R; O; S)	
Norman	F	87%	(E; A; L; I; N; R)	
Cornish	F	82%	(E; N; R; A; L)	
Iroquois	F	81%	(E; N; O; S, H, G, I, A)	
Dutch	F	78%	(E; A; N; T; I; J)	●
A. Egyptian	F	77%	(E; T; N; A; H)	
A. Greek	F	77%	(E; A; I; O; R, N, H)	
Sesotho	F	76%	(E; O; N; L; S)	
Briton	F	75%	(E; N; A; W, R)	
French	M	70%	(E; A; I; N; R; L; O)	
Nyakyusa	F	66%	(E; A, I; U, L; G)	
Pict	F	64%	(E; A; I; N; R, D)	
Norman	M	63%	(E; A; R; N; L)	●●
Cornish	M	60%	(E; N; A; R; O)	
Scot. low fam.		58%	(E; R; I, A; N; L)	●
Scot. high fam. (-Mac/Mc)		58%	(E; A; R;)	
Fomorian	M&F?	57%	(E; T, L, A; R, O; C)	
Dutch	M	54%	(E; R; A; S; I)	
Anglosaxon	M	52%	(E; A; R; L; D)	●
Anglosaxon	F	51%	(E; A; R; L; D)	●

T group	Sex	%	Dev. Chain	Cultural Bandgap
Provinces of Eire		100%	(T; E; N, R, S)	
Toltec	M	90%	(T; L; O, E; H, U)	
Aztec	F	81%	(T; I; L, C, A; O)	●
Aztec	M	81%	(T; A; L; C; I)	
Tswana	M	77%	(T; O, E; A; S, G, U, I)	

Comet

62%

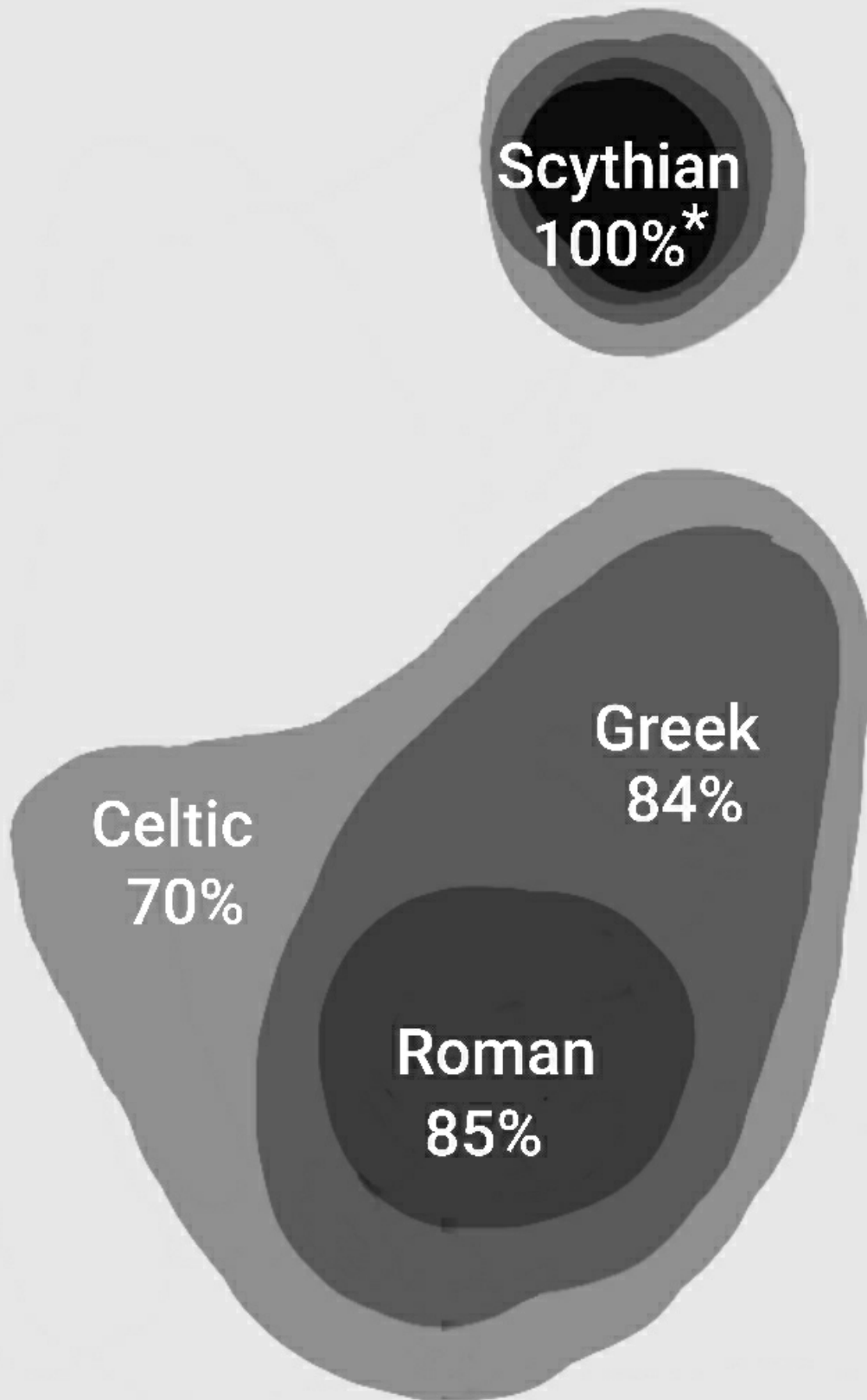
(T; O; E; A, M; K, I)



H group	Sex	%	Dev. Chain	Cultural Bandgap
Nez Percé	M	93%	(H; T, N, O; S, I, E)	
Choctaw	M	81%	(H; O, A; K, C, I)	
Nez Percé	F	80%	(H; O, E; T; L; S, I)	
Apache	F	74%	(H; A; E; N; O; S)	●

S group	Sex	%	Dev. Chain	Cultural Bandgap
Scythian	M	100%	(S; A; U; I, C, H, L, R)	
Roman	M	85%	(S; U; I; A; L)	
Mod. Greek	M	85%	(S; O; I; A; N; E)	
Anc. Greek	M	84%	(S; O; E; A; I)	
(+OS) PIE Animals		75%	(S; O; K; A; E)	
Celt	M	70%	(S; I; U; A; O)	
• Monster		58%	(S; R; A; N; T, O)	

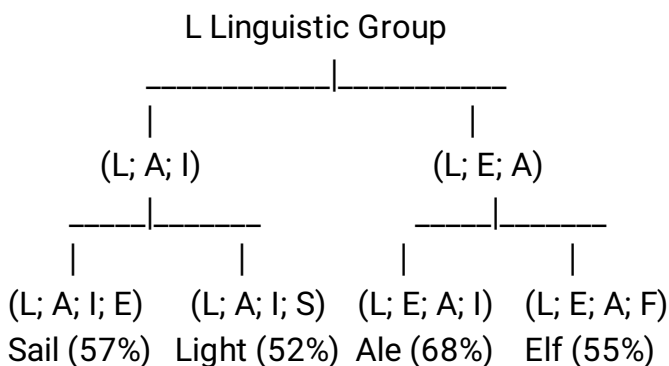
GEOGRAPHIC



* Low Population sample

R group	Sex	%	Dev. Chain	Cultural Bandgap
Norse	M	80%	(R; I; O; T, A)	
Norse	F	69%	(R; H; A; I; T, L)	
German	M	58%	(R; E; A; I; N; L)	●
• Red (colour)		54%	(R; A; E; O; U; N)	
Norwegian	M	52%	(R; E; A; N; I)	

L group	Sex	%	Dev. Chain	Cultural Bandgap
Unknown Culture				
Unknown Subgroup A			(L; E; A;...)	
• Ale		68%	(L; E; A; I; R)	
• Elf		55%	(L; E; A; F; I; P)	
Unknown Subgroup B			(L; A; I;...)	
• Sail		57%	(L; A; I; E; R; S)	
• Light		52%	(L; A; I; S; E)	



Research Notes: the L-E-A subgroup appear to have remained land based to become an agrarian culture, while the L-A-I subgroup appear to have become ocean travellers interacting with other human cultures.

Transitional subgroups

Sigma Bandgap=	96%	(A, I; N; U; O)	
Sahul?	M	100%	(K, U, B)
Vanir	M&F?	80%	(E, R; U, F, N, Y)
Tswana	F	66%	(O, E; I, M, S, T)
Pict	M	57%	(O, S, N; T, R)
Welsh	M	52%	(E, N; R, A; I)

Vandal M 72% (E, G; I, R; A, N; D, U, M)

Phaistos Disk 32% (⏏, ⏑; ⏒; ⏓; ⏔; ⏕; ⏖; ⏗, ⏘, ⏙, ⏚)

K/E/B/* subgroup

• Berserk 64% (K, E, B; R; S; A; I; N)

Olmec M&F 37% (K, E, B, U; A, I, O, N, P)

Research Note: Berserk is associated with epilepsy. This would be an indicator of the epilepsy gene in olmec populations.

A/I subgroup

Ugaritic F 100% (A, I; T, Y)

Ngoni F 80% (A, I; N; T, E)

A/N subgroup

Popol Vu (1S) 98% (A, N; I; M; E)

Chippewa F 83% (A, N; H, I; S, W)

Zulu F 66% (A, N; H; E, I, O, L, T)

A/T subgroup

Rapa Nui M 62% (A, T; I; U; K; O; R)

E. Mongol Tribes 61% (A, T; I; R; N; U; G)

Research Note: Atua (R. Nui) = Atra (E. Tribal Mongol). Perhaps Atra as in Cleop-atra? Uru'ut =ouo't

A/U subgroup

Fante M 45% (A, U; E, O, F, K)

A/E subgroup

Kerma M/F 75% (A, E; K, R, S; M, I, D, H, N, T)

German F 65% (A, E; I; R; L; N)

Ibo F 64% (A, E; I, N; O, U)

A group	Sex	%	Development Chain	Cultural Band Gap
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A Subgroup

Algonquin M 100% (A; E, O, N, S; T, W)

Delaware F 92% (A; W, H; Y; K)

Navajo F 90% (A; B, N; H)

Kisii F 85% (A; O, R; N; M, E)

Assyrian M&F? 83% (A; H, I; S; U, R)

Caananite Pantheon 80% (A; Y; I)

Polish M 62% (A; N, E; R; I)



Xhosa	M	66%	(A; O; L; E; I)
Mayan	M&F?	46%	(A; C; U; L; H)

A-I/L subgroup

Polish	F	99%	(A; I; L; N; E)
Hawaiian	M	88%	(A; I; L; H; O)

A-E/O subgroup

Chippewa	M	77%	(A; E; O; W; S; B; H; N)
Ewe	M	64%	(A; E; O; M; U)

A-I/O subgroup

Ibo	M	72%	(A; I; O; E; N)
Ewe	F	70%	(A; I; O; M; U)

A-N/I subgroup

Basque	F	96%	(A; N; I; E; L; S)
Thai	M&F	91%	(A; N; I; O; S; R; P; H)
Shona	M	80%	(A; N; I; R; D)
Zulu	M	68%	(A; N; I; M; E)



A-M/I subgroup

Elamite	M	100%	(A; M; I; T)
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A-W subgroup

Sioux	F	100%	(A; W; I; N; E)
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A-B subgroup

Efe	M	53%	(A; B; I; O; U; M)
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A-H subgroup

Arabic	F	95%	(A; H; I; R; S)
Cherokee	F	92%	(A; H; I; E; K)
Tibetan Clans		75%	(A; H; S; N; M; K; U)

A-H-E subgroup

Hebrew	F	91%	(A; H; E; R; I)
Other Am.	M	89%	(A; H; E; O; K)



A-L subgroup

Icelandic	F	80%	(A; L; R; H; T)
To Hunger		69%	(A; L; I; N; E; U)

- Curse 68% (A; L; K; O, N)
- Slave 65% (A; L; S; E; O)
- Lightning 62% (A; L; I; E; N)
- Blue (colour) 51% (A; L; I; N; U; B)

A-L-U subgroup

- Samoan M 69% (A; L; U; I; E, F, S)
- Samoan F 65% (A; L; U; I; E, T)
- Plough 65% (A; L; U; G; O; H)
- Wolf 51% (A; L; U; O; I; K)

A-S subgroup

- Saturn 86% (A; S; N; T; R; U)
- Sand 68% (A; S; E; I; M)
- Forest 55% (A; S; O; N; L; I; E)

A-T subgroup

- Hold Portal 93% (A; T; R; P; O, L)
- To Tattoo 91% (A; T; O)
- Rapa Nui F 85% (A; T; E, I, K, R)
- Tahitian F 85% (A; T; E; I; R)
- Tongan M 85% (A; T; L; E; U, I)
- Plateau 80% (A; T; L; I, P)
- Taboo 79% (A; T; U; B; I; M; O)
- Efe F 76% (A; T; E; I, O)

A-T-I subgroup

- Maori Tribes 97% (A; T; I; G; N)
- Berber F 83% (A; T; I; E; N; M; U; R) ●
- Tahitian M 80% (A; T; I; U; E)
- To Fight 76% (A; T; I; E; N, L; U; R)
- Star 62% (A; T; I; R; E; N; S)

A-M subgroup

- Mask 80% (A; M; K; S; U)
- Scot. high fam. 71% (A; M, C; E; N; I, R) ●
- Papuan F 68% (A; M; E; I; R, N)
- Ngoni M 66% (A; M; L; E, I, O, K, N)

• Honey 52% (A; M; I; N; E)

A-E

Balinise M&F? 70% (A; E; K; N)

A. Egyptian M 63% (A; E; N; H; U) ●

• Oar 54% (A; E; O; R; I; S; U)

A-E-R subgroup

• To Observe 82% (A; E; R; I; S; N)

• Place of Fear* 78% (A; E; R; I; O; T; S)

• To Carve 73% (A; E; R; I; K)

• Ancestor 72% (A; E; R; N; O; I)

Provençal M 57% (A; E; R; I; N; L; T)

Research Notes: 'Place of Fear' refers to Xibalba?

A-E-I subgroup

Provençal F 90% (A; E; I; N; L; R; S)

• Middle Earth 79% (A; E; I; M)

Irish F 74% (A; E; I; N; R; L; O; H)

• The World Tree 73% (A; E; I; R; D; O)

Scot. Low F 71% (A; E; I; N; R; L) ●

Berber M 70% (A; E; I; U; M) ●

• To Harvest 69% (A; E; I; T; O)

Hebrew M 66% (A; E; I; H; N)

A-E-H subgroup

Other Am. F 84% (A; E; H; S; N; O) ●●●

Cherokee M 76% (A; E; H; T; N; U) ●

A-E-T subgroup

Etruscans M&F 68% (A; E; T; L; U)

• To Weave 61% (A; E; T; N; U)

A-O subgroup

Luo F 100% (A; O; N; I; E; G; Y)

Choctaw F 90% (A; O; L; H; N)

Algonquin F 88% (A; O; N; M; H; E; W)

Kisii M 85% (A; O; I; M)

- Swamp 71% (A; O; M; I; T, P, L)
- Papuan M 62% (A; O; N; I; E; K)
- Gold 53% (A; O; U; L, R, N)

A-O-E subgroup

- Yoruba M 84% (A; O; E; N; I, D)
- Yoruba F 78% (A; O; E; I; L)
- Horse 55% (A; O; E; L, H; S, I; R)

A-O-I subgroup

- Finnish M 56% (A; O; I; E; R; T)
- Fire! 46% (A; O; I; N, U; G, E)

A-N subgroup

- Sioux M 100% (A; N; T, K; H)
- Gaelic M 85% (A; N; C; E; I)
- Volcano 81% (A; N; L; U; I)
- Apache M 80% (A; N; H; K, I; L)
- Charm Person 80% (A; N; S, E; O)
- Canoe 78% (A; N; K; O)
- Treasure 70% (A; N; R, S; T)
- Irish M 70% (A; N; R; E; I; O)
- Mountain 61% (A; N; T; M; U)

A-N-U subgroup

- The Moon is a Bow 89% (A; N; U; E)
- Tibetan M&F? 50% (A; N; U; I; E)

A-N-I subgroup

- African/Oth. F 80% (A; N; I; M)
- The Pillars of Heaven 78% (A; N; I; E; S; L; R)
- Swim 68% (A; N; I; U; E)
- Dungeon 68% (A; N; I; E; O)
- Ring 53% (A; N; I; R; E; G)

A-N-E subgroup

- At-lendh-eis 96% (A; N; E; I; T)
- Delaware M 94% (A; N; E; O; M, K, H)

- To Sing 78% (A; N; E; I; T; G; U; K)
- To Journey 76% (A; N; E; R; T; I; O; U)
- The Moon 70% (A; N; E; M; L; U; I)

A-K subgroup

- Inuit F 75% (A; K; L; I; T, O, S) ●
- Crow 74% (A; K; R; O; G)
- Inuit M 83% (A; K; N, Q, L, S, O)
- Ainu Dictionary 54% (A; K; N; I; U; M, O)

A-U subgroup

- Hittite M&F 91% (A; U; I; T, N)
- God 51% (A; U; I; D; H; E)
- Inca M 86% (A; U; C; I; P)
- NW Ab. M 70% (A; U; M; N; I)

A-I subgroup

- Sanskrit F 93% (A; I; H, R; M, T)
- Shona F 93% (A; I; M, E; U)
- Ugaritic M 92% (A; I; M, R; N, Q, U)
- Fante F 81% (A; I; B)
- Nyakyusa M 80% (A; I; N, E; S)
- Gypsy M 64% (A; I; N, E, O; R; L)
- Coast 60% (A; I; T; K, R; E)

A-I-H subgroup

- Scot. High M 89% (A; I; H; O; L; N)
- Navajo M 82% (A; I; H; S, T) ●

A-I-S subgroup

- Hittite dictionary 83% (A; I; S; R)
- Island 57% (A; I; S; L; O)

A-I-L subgroup

- Yao F 80% (A; I; L; E; S)
- Finnish F 69% (A; I; L; R; N; E)

A-I-M subgroup

- Detect Magic 91% (A; I; M; E; T; G)

Swahili	F	78%	(A; I; M; N; U)	●●●●
• Magic		69%	(A; I; M; R; E; H; S, O)	
Swahili	M	66%	(A; I; M; U; K, N)	

A-I-N subgroup

Russian	F	98%	(A; I; N; L; R; E)	
Celt	F	94%	(A; I; N; C; E)	●
Gypsy	F	92%	(A; I; N; L; R; Y)	
Maori	F	90%	(A; I; N; H; E)	
Hungarian	F	86%	(A; I; N; R; L)	●
• To bathe		85%	(A; I; N; E; K, U)	
• To give birth		76%	(A; I; N; D; T, E)	
African/Oth.	M	73%	(A; I; N; O; M)	
Sumerian	M&F	70%	(A; I; N; H; S)	●
• Darkness		65%	(A; I; N; R; T, E)	
• Giant		64%	(A; I; N; E; G, T)	
• Spear		50%	(A; I; N; O; T, H)	

A-I-E subgroup

Italian	F	98%	(A; I; E; N; L; R; T)	
Portugese	F	94%	(A; I; E; R; N, L)	
Spanish	F	92%	(A; I; E; R; N; L; C, T; O; S)	
Mod. Greek	F	86%	(A; I; E; N; L; R)	
Gaelic	F	69%	(A; I; E; N; H)	●
• Ice		47%	(A; I; E; S; H; L)	
• River		46%	(A; I; E; N; R; O)	

A-I-R subgroup

Scot. High	F	95%	(A; I; R; L; O, N)	●
Indian	F	92%	(A; I; R; N; H; S)	
Sanskrit	M	91%	(A; I; R; N; H; U)	
Arabic	M	91%	(A; I; R; H; M)	
Maori	M	77%	(A; I; R; T; U)	
Armenian	F	77%	(A; I; R; N; O; E)	●●
• Witch		72%	(A; I; R; E; O)	
Gypsy Tribes		71%	(A; I; R; H; O; S, E)	
• To Ride		65%	(A; I; R; E; N)	
• Reed		48%	(A; I; R; D; N)	

A-R-I subgroup

• To Talk		76%	(A; R; I; T)	
Phoenician M		66%	(A; R; I; S; H)	●
• Walls		63%	(A; R; I; E; T; O)	
• Eagle		57%	(A; R; I; L; G)	
A-R-E subgroup				
Scot. Low M		62%	(A; R; E; I; N; L)	●●
• Road		57%	(A; R; E; T; D)	
• Copper		55%	(A; R; E; M)	
A-R-N subgroup				
SE. Ab. F		90%	(A; R; N; I; L)	●
Indian M		87%	(A; R; N; H; I)	
S.E. Ab. M		83%	(A; R; N; I; M)	●
Armenian M		75%	(A; R; N; S; H)	
• Green (colour)		57%	(A; R; N; I; E; L)	
A-R-O subgroup				
• Tree		60%	(A; R; O; E; T)	
Hungarian M		58%	(A; R; O; L; E)	
• Wheel		51%	(A; R; O; L; K)	
A-R-D subgroup				
• Dragon		77%	(A; R; D; N; K)	
Germanic M		43%	(A; R; D; N; I; L)	
Germanic F		42%	(A; R; D; I; L; N)	

Sean Robert Meaney 2020-2021

Last modified: 6:49 pm