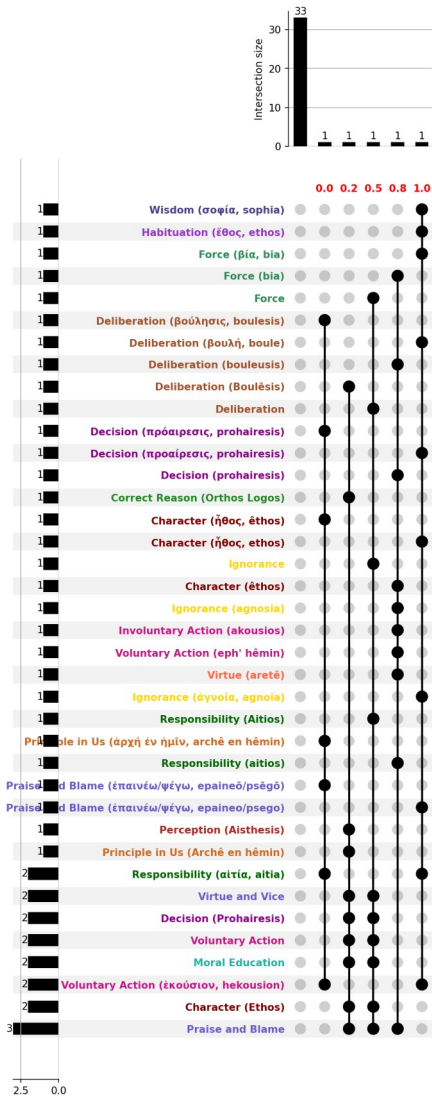
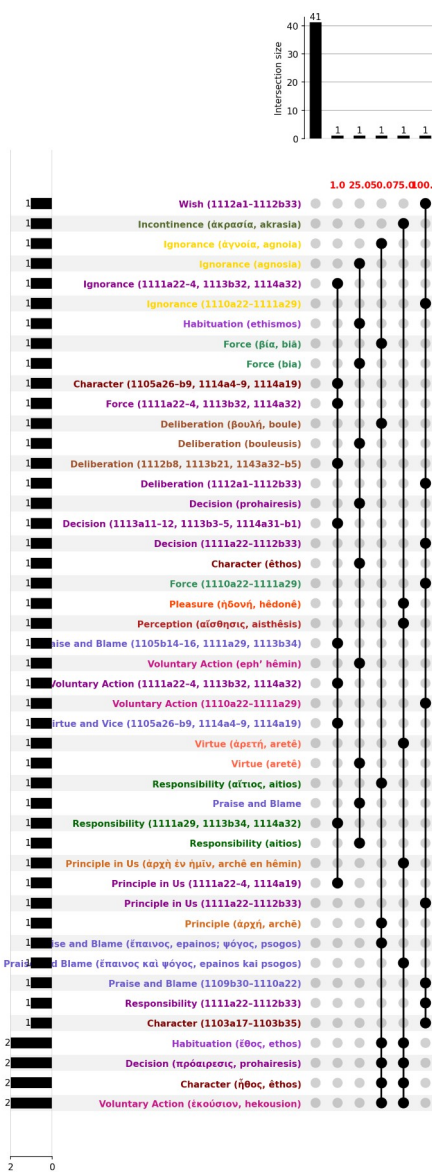


Irwin Translation of Nicomachean Ethics by Aristotle (RAG batch 5 queries)

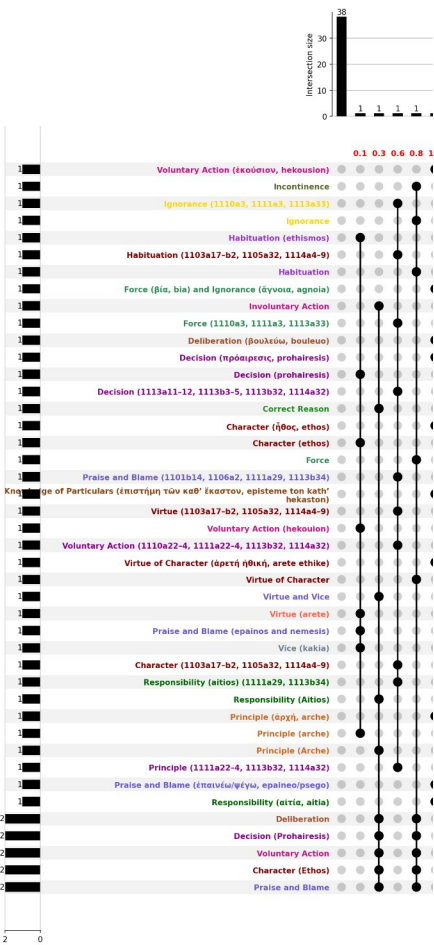
UpSet Diagram: BM25 sweep
Other Params: Temp=0.5 | Topp=0.95 | Topk=50



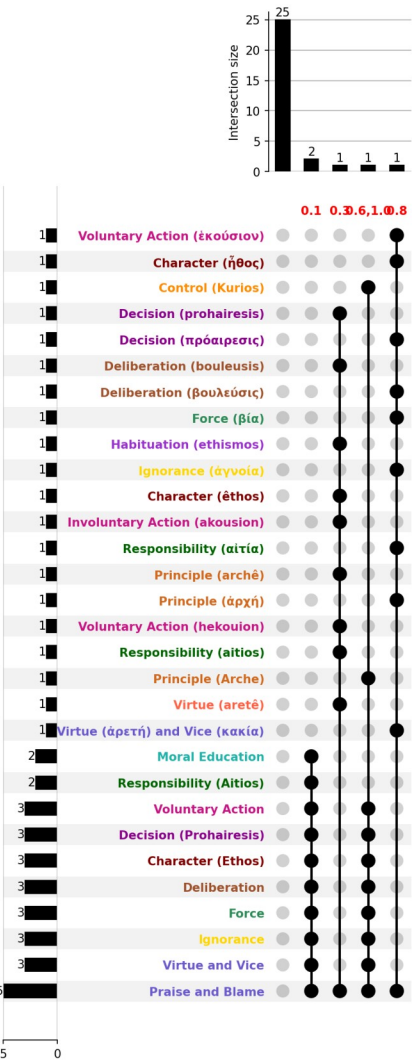
UpSet Diagram: Topk sweep
Other Params: Temp=0.5 | Topp=0.95 | BM25=0.6



UpSet Diagram: Topp sweep
Other Params: Temp=0.5 | Topk=50 | BM25=0.6



UpSet Diagram: Temp sweep
Other Params: Topp=0.95 | Topk=50 | BM25=0.6



Color Groups

Group Label	Count	Concepts	Parameters
Character	13	Character (1103a17–1103b35), Character (1103a17–b2, 1105a32, 1114a4–9), Character (1105a26–b9, 1114a4–9, 1114a19), Character (Ethos), Character (ethos), Character (êthos), Character (ἥθος), Character (ἥθος, ethos), Character (ἥθος, êthos), Habituation (1103a17–b2, 1105a32, 1114a4–9), Virtue (1103a17–b2, 1105a32, 1114a4–9), Virtue of Character, Virtue of Character (ἀρετή ήθική, arete ethike)	(Temp: 0.5, Topp: 0.95, Topk: 1, BM25: 0.6), (Temp: 0.5, Topp: 0.77, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.33, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.55, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 1.0, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.32, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.55, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.5), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 1.0), (Temp: 0.5, Topp: 0.99, Topk: 50, BM25: 0.6), (Temp: 0.78, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 75, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.0), (Temp: 0.1, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.1, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.75), (Temp: 0.5, Topp: 0.95, Topk: 25, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 100, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.25), (Temp: 0.5, Topp: 0.77, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.77, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.32, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.1, Topk: 50, BM25: 0.6)
Control	1	Control (Kurios)	(Temp: 0.33, Topp: 0.95, Topk: 50, BM25: 0.6)
Correct Reason	2	Correct Reason, Correct Reason (Orthos Logos)	(Temp: 0.5, Topp: 0.55, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.5)
(18	Decision (1111a22–1112b33), Decision (1113a11–12, 1113b3–5, 1113b32, 1114a32), Decision (1113a11–12, 1113b3–5, 1114a31–b1), Decision (prohairesis), Decision (Prohairesis), Decision (προαίρεσις, prohairesis), Decision (πρόαιρεσις), Decision (πρόαιρεσις, prohairesis), Deliberation (1112a1–1112b33), Force (1111a22–4, 1113b32, 1114a32), Ignorance (1111a22–4, 1113b32, 1114a32), Principle (1111a22–4, 1113b32, 1114a32), Principle in Us (1111a22–1112b33), Principle in Us (1111a22–4, 1114a19), Responsibility (1111a22–1112b33), Voluntary Action (1110a22–4, 1111a22–4,	(Temp: 0.5, Topp: 0.95, Topk: 1, BM25: 0.6), (Temp: 0.5, Topp: 0.77, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.78, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.99, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 75, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.0), (Temp: 0.33, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.55, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 1.0, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.32, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.55, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.5), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 1.0), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.75), (Temp: 0.1, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.1, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 25, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 100, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.25), (Temp: 0.5, Topp: 0.95, Topk: 1, BM25: 0.6),

1113b32, 1114a32), Voluntary Action (1111a22–4, 1113b32, 1114a32), Wish (1112a1–1112b33)

(Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.77, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 1, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 1, BM25: 0.6), (Temp: 0.5, Topp: 0.77, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 1, BM25: 0.6)

Deliberation

8 Deliberation, Deliberation (1112b8, 1113b21, 1143a32–b5), Deliberation (bouleusis), Deliberation (Boulēsis), Deliberation (βουλή, boule), Deliberation (βουλεύσις), Deliberation (βουλεύω, bouleuo), Deliberation (βούλησις, boulesis)

(Temp: 0.33, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.55, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 1.0, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.32, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.55, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 1.0), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.78, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 75, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.0), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.5), (Temp: 0.5, Topp: 0.95, Topk: 100, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.75), (Temp: 0.1, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.1, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.25)

Force

8 Force, Force (1110a22–1111a29), Force (1110a3, 1111a3, 1113a33), Force (bia), Force (βία), Force (βία, bia), Force (βία, bia) and Ignorance (ἄγνοια, agnoia), Force (βία, biā)

(Temp: 0.33, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.55, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 1.0, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.32, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 1.0), (Temp: 0.5, Topp: 0.95, Topk: 1, BM25: 0.6), (Temp: 0.5, Topp: 0.77, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 75, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.0), (Temp: 0.1, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.75), (Temp: 0.5, Topp: 0.1, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 100, BM25: 0.6)

Habituation

3 Habituation, Habituation (ethismos), Habituation (ἔθος, ethos)

(Temp: 0.5, Topp: 0.32, Topk: 50, BM25: 0.6), (Temp: 0.78, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.99, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 75, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 25, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 100, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.75)

Ignorance

6 Ignorance, Ignorance (1110a22–1111a29), Ignorance (1110a3, 1111a3, 1113a33), Ignorance (agnosia), Ignorance (ἄγνοία), Ignorance (ἄγνοία, agnoia)

(Temp: 0.33, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.55, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 1.0, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.32, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 1.0), (Temp: 0.5, Topp: 0.95, Topk: 1, BM25: 0.6)

			0.6), (Temp: 0.5, Topp: 0.77, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 75, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.0), (Temp: 0.1, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 100, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.75)
Incontinence	2	Incontinence, Incontinence (ἀκρασία, akrasia)	(Temp: 0.5, Topp: 0.32, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 25, BM25: 0.6)
Voluntary Action	10	Involuntary Action, Involuntary Action (akousion), Involuntary Action (akousios), Voluntary Action, Voluntary Action (1110a22–1111a29), Voluntary Action (eph' hêmin), Voluntary Action (eph' hêmin), Voluntary Action (hekouion), Voluntary Action (ἐκούσιον), Voluntary Action (ἐκούσιον, hekousion)	(Temp: 0.5, Topp: 0.55, Topk: 50, BM25: 0.6), (Temp: 0.78, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.0), (Temp: 0.33, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.55, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 1.0, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.32, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.55, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.5), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 1.0), (Temp: 0.5, Topp: 0.95, Topk: 1, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.0), (Temp: 0.5, Topp: 0.95, Topk: 75, BM25: 0.6), (Temp: 0.78, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.99, Topk: 50, BM25: 0.6), (Temp: 0.1, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.1, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 25, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 100, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.25), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.75)
Knowledge	1	Knowledge of Particulars (ἐπιστήμη τῶν καθ' ἑκάστον, episteme ton kath' hekaston)	(Temp: 0.5, Topp: 0.1, Topk: 50, BM25: 0.6)
Moral	1	Moral Education	(Temp: 0.55, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 1.0, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.5), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 1.0)
Perception (2	Perception (Aisthesis), Perception (αἴσθησις, aisthêsis)	(Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.5), (Temp: 0.5, Topp: 0.95, Topk: 25, BM25: 0.6)
Pleasure	1	Pleasure (ἡδονή, hêdonê)	(Temp: 0.5, Topp: 0.95, Topk: 25, BM25: 0.6)
and	12	Praise and Blame, Praise and Blame (1101b14, 1106a2, 1111a29, 1113b34), Praise and Blame (1105b14–16, 1111a29, 1113b34), Praise and	(Temp: 0.1, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.33, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.55, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.78, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 1.0, Topp: 0.95,

Blame (1109b30–1110a22), Praise and Blame (epainos and nemesis), Praise and Blame (ἐπαινέω/ψέγω, epaineo/psēgo), Praise and Blame (ἐπαινέω/ψέγω, epaineō/psēgō), Praise and Blame (ἔπαινος καὶ ψόγος, epainos kai psogos), Praise and Blame (ἔπαινος, epainos; ψόγος, psogos), Virtue (ἀρετή) and Vice (κακία), Virtue and Vice, Virtue and Vice (1105a26–b9, 1114a4–9, 1114a19)

Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.32, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.55, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 75, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.0), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.5), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 1.0), (Temp: 0.5, Topp: 0.77, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 1, BM25: 0.6), (Temp: 0.5, Topp: 0.99, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.1, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.75), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.25), (Temp: 0.5, Topp: 0.95, Topk: 25, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 100, BM25: 0.6), (Temp: 0.1, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.33, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.55, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 1.0, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.55, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.5), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 1.0), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.6)

Principle

9 Principle (Arche), Principle (arche), Principle (archê), Principle (ἀρχή), Principle (ἀρχή, arche), Principle (ἀρχή, archê), Principle in Us (Archê en hêmin), Principle in Us (ἀρχή ἐν ἡμῖν, archê en hêmin), Principle in Us (ἀρχή ἐν ἡμῖν, archê en hêmin)

(Temp: 0.33, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.55, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.99, Topk: 50, BM25: 0.6), (Temp: 0.78, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.1, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.1, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 100, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.5), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.25), (Temp: 0.5, Topp: 0.95, Topk: 25, BM25: 0.6)

Responsibility (

7 Responsibility (1111a29, 1113b34, 1114a32), Responsibility (Aitios), Responsibility (aitios), Responsibility (aitios) (1111a29, 1113b34), Responsibility (αἰτία), Responsibility (αἰτία, aitia), Responsibility (αἴτιος, aitios)

(Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.55, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 1.0, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.55, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 1.0), (Temp: 0.78, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 75, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.0), (Temp: 0.5, Topp: 0.77, Topk: 50, BM25: 0.6), (Temp: 0.1, Topp: 0.95, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.1, Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.25), (Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.75), (Temp: 0.5, Topp: 0.95, Topk: 100, BM25: 0.6)

Vice

1 Vice (kakia)

(Temp: 0.5, Topp: 0.99, Topk: 50, BM25: 0.6)

Virtue (

3 Virtue (arete), Virtue (aretê), Virtue (ἀρετή,

(Temp: 0.5, Topp: 0.99, Topk: 50, BM25: 0.6), (Temp: 0.78, Topp: 0.95,

aretê)

Topk: 50, BM25: 0.6), (Temp: 0.5, Topp: 0.95, Topk: 75, BM25: 0.6),
(Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.0), (Temp: 0.5, Topp: 0.95,
Topk: 25, BM25: 0.6)

Wisdom 1 Wisdom (σοφία, sophia)

(Temp: 0.5, Topp: 0.95, Topk: 50, BM25: 0.75)

All Concepts

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5	Character (ethos)
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7	Character (ἦθος)
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61	Praise and Blame (1101b14, 1106a2, 1111a29, 1113b34)

62	Praise and Blame (1105b14–16, 1111a29, 1113b34)
63	Praise and Blame (1109b30–1110a22)
64	Praise and Blame (epainos and nemesis)
65	Praise and Blame (ἐπαινέω/ψέγω, epaineo/psego)
66	Praise and Blame (ἐπαινέω/ψέγω, epaineō/psēgō)
67	Praise and Blame (ἔπαινος καὶ ψόγος, epainos kai psogos)
68	Praise and Blame (ἔπαινος, epainos; ψόγος, psogos)
69	Principle (1111a22–4, 1113b32, 1114a32)
70	Principle (Arche)
71	Principle (arche)
72	Principle (archê)
73	Principle (ἀρχή)
74	Principle (ἀρχή, arche)
75	Principle (ἀρχή, archē)
76	Principle in Us (1111a22–1112b33)
77	Principle in Us (1111a22–4, 1114a19)
78	Principle in Us (Archê en hêmin)
79	Principle in Us (ἀρχή ἐν ἡμῖν, archê en hêmin)
80	Principle in Us (ἀρχὴ ἐν ἡμῖν, archê en hêmin)
81	Responsibility (1111a22–1112b33)
82	Responsibility (1111a29, 1113b34, 1114a32)
83	Responsibility (Aitios)
84	Responsibility (aitios)

85	Responsibility (aitios) (1111a29, 1113b34)
86	Responsibility (αἰτία)
87	Responsibility (αἰτία, aitia)
88	Responsibility (αἷτιος, aitos)
89	Vice (kakia)
90	Virtue (1103a17–b2, 1105a32, 1114a4–9)
91	Virtue (arete)
92	Virtue (aretê)
93	Virtue (ἀρετή) and Vice (κακία)
94	Virtue (ἀρετή, aretê)
95	Virtue and Vice
96	Virtue and Vice (1105a26–b9, 1114a4–9, 1114a19)
97	Virtue of Character
98	Virtue of Character (ἀρετή ήθική, arete ethike)
99	Voluntary Action
100	Voluntary Action (1110a22–1111a29)
101	Voluntary Action (1110a22–4, 1111a22–4, 1113b32, 1114a32)
102	Voluntary Action (1111a22–4, 1113b32, 1114a32)
103	Voluntary Action (eph' hêmin)
104	Voluntary Action (eph' hêmin)
105	Voluntary Action (hekouion)
106	Voluntary Action (ἐκούσιον)

107	Voluntary Action (ἐκούσιον, hekousion)
108	Wisdom (σοφία, sophia)
109	Wish (1112a1-1112b33)

Concepts per Block

Block	Concepts	Count
Temperature	Character (Ethos), Character (êthos), Character (ἦθος), Control (Kurios), Decision (Prohairesis), Decision (prohairesis), Decision (πρόαιρεςις), Deliberation, Deliberation (bouleusis), Deliberation (βουλεύσις), Force, Force (βία), Habituation (ethismos), Ignorance, Ignorance (ἀγνοία), Involuntary Action (akousion), Moral Education, Praise and Blame, Principle (Arche), Principle (archê), Principle (ἀρχή), Responsibility (Aitios), Responsibility (aitios), Responsibility (αίτια), Virtue (aretê), Virtue (ἀρετή) and Vice (κακία), Virtue and Vice, Voluntary Action, Voluntary Action (hekouion), Voluntary Action (ἐκούσιον)	30
Top-p	Character (1103a17-b2, 1105a32, 1114a4-9), Character (Ethos), Character (ethos), Character (ἦθος, ethos), Correct Reason, Decision (1113a11-12, 1113b3-5, 1113b32, 1114a32), Decision (Prohairesis), Decision (prohairesis), Decision (πρόαιρεςις, prohairesis), Deliberation, Deliberation (βουλεύω, bouleuo), Force, Force (1110a3, 1111a3, 1113a33), Force (βία, bia) and Ignorance (ἄγνοια, agnoia), Habituation, Habituation (1103a17-b2, 1105a32, 1114a4-9), Habituation (ethismos), Ignorance, Ignorance (1110a3, 1111a3, 1113a33), Incontinence,	43

Involuntary Action, Knowledge of Particulars (ἐπιστήμη τῶν καθ' ἑκάστον, episteme ton kath' hekaston), Praise and Blame, Praise and Blame (1101b14, 1106a2, 1111a29, 1113b34), Praise and Blame (epainos and nemesis), Praise and Blame (ἐπαινέω/ψέγω, epaineo/psego), Principle (1111a22–4, 1113b32, 1114a32), Principle (Arche), Principle (arche), Principle (ἀρχή, arche), Responsibility (Aitios), Responsibility (aitios) (1111a29, 1113b34), Responsibility (αἰτία, aitia), Vice (kakia), Virtue (1103a17–b2, 1105a32, 1114a4–9), Virtue (arete), Virtue and Vice, Virtue of Character, Virtue of Character (ἀρετή ἠθική, arete ethike), Voluntary Action, Voluntary Action (1110a22–4, 1111a22–4, 1113b32, 1114a32), Voluntary Action (hekouion), Voluntary Action (ἐκούσιον, hekousion)

Top-k

Character (1103a17–1103b35), Character (1105a26–b9, 1114a4–9, 1114a19), Character (êthos), Character (ἦθος, êthos), Decision (1111a22–1112b33), Decision (1113a11–12, 1113b3–5, 1114a31–b1), Decision (prohairesis), Decision (πρόαιρεςις, prohairesis), Deliberation (1112a1–1112b33), Deliberation (1112b8, 1113b21, 1143a32–b5), Deliberation (bouleusis), Deliberation (βουλή, boule), Force (1110a22–1111a29), Force (1111a22–4, 1113b32, 1114a32), Force (bia), Force (βία, biā), Habituation (ethismos), Habituation (ἔθος, ethos), Ignorance (1110a22–1111a29), Ignorance (1111a22–4, 1113b32, 1114a32), Ignorance (agnosia), Ignorance (ἀγνοία, agnoia), Incontinence (ἀκρασία, akrasia), Perception (αἴσθησις, aisthêsis), Pleasure (ἡδονή, hêdonê), Praise and Blame, Praise and Blame (1105b14–16, 1111a29, 1113b34), Praise and Blame (1109b30–1110a22), Praise and Blame (ἔπαινος καὶ ψόγος, epainos kai

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psogos), Praise and Blame (ἔπαινος, epainos; ψόγος, psogos), Principle (ἀρχή, archē), Principle in Us (1111a22–1112b33), Principle in Us (1111a22–4, 1114a19), Principle in Us (ἀρχή ἐν ἡμῖν, archê en hêmin), Responsibility (1111a22–1112b33), Responsibility (1111a29, 1113b34, 1114a32), Responsibility (aitios), Responsibility (αἴτιος, aitios), Virtue (aretê), Virtue (ἀρετή, aretê), Virtue and Vice (1105a26–b9, 1114a4–9, 1114a19), Voluntary Action (1110a22–1111a29), Voluntary Action (1111a22–4, 1113b32, 1114a32), Voluntary Action (eph' hêmin), Voluntary Action (ἐκούσιον, hekousion), Wish (1112a1–1112b33)

BM25 Weight

Character (Ethos), Character (êthos), Character (ἦθος, ethos), Character (ἥθος, êthos), Correct Reason (Orthos Logos), Decision (Prohairesis), Decision (prohairesis), Decision (προαίρεσις, prohairesis), Decision (πρόαιρεσις, prohairesis), Deliberation, Deliberation (Boulêsis), Deliberation (bouleusis), Deliberation (βουλή, boule), Deliberation (βούλησις, boulesis), Force, Force (bia), Force (βία, bia), Habituation (ἔθος, ethos), Ignorance, Ignorance (agnosia), Ignorance (ἀγνοία, agnoia), Involuntary Action (akousios), Moral Education, Perception (Aisthesis), Praise and Blame, Praise and Blame (ἐπαινέω/ψέγω, epaineo/psêgo), Praise and Blame (ἐπαινέω/ψέγω, epaineō/psêgō), Principle in Us (Archê en hêmin), Principle in Us (ἀρχή ἐν ἡμῖν, archê en hêmin), Responsibility (Aitios), Responsibility (aitios), Responsibility (αἰτία, aitia), Virtue (aretê), Virtue and Vice, Voluntary Action, Voluntary Action (eph' hêmin), Voluntary Action (ἐκούσιον, hekousion), Wisdom (σοφία, sophia)

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UpSet Diagram Histograms

Temperature Sweep

Parameter	Value	Histogram (bar counts)
Temperature	0.1	10
Temperature	0.33	10
Temperature	0.55	10
Temperature	0.78	10
Temperature	1.0	10

Top-p Sweep

Parameter	Value	Histogram (bar counts)
Top-p	0.1	10
Top-p	0.32	10
Top-p	0.55	10
Top-p	0.77	10
Top-p	0.99	8

Top-k Sweep

Parameter	Value	Histogram (bar counts)
Top-k	1	10
Top-k	25	10
Top-k	50	10
Top-k	75	10
Top-k	100	10

BM25 Weight Sweep

Parameter	Value	Histogram (bar counts)
BM25 Weight	0.0	10
BM25 Weight	0.25	7
BM25 Weight	0.5	10
BM25 Weight	0.75	10
BM25 Weight	1.0	10