Appendix A. A Simple Set Theory Approach

try cap: A⊓A --- try 2229: A⊓A

try sup: B⊔B --- try 2283: B⊔B

try sub: C⊏C --- try 2282: C⊏C

try empty: D⊡D --- try 2205: D⊡D

try ne: E≠E --- try 2260: E≠E

try 2260: F…F --- try 2026: F…F

try nbsp: G G --- try 0020: G Z

para[1]

para[2]

para[3]

para[4]

para[5]

[1]try cap: A∩A --- try 2229: A∩A
[2]try sup: B⊃B --- try 2283: B⊃B
[3]try sub: C⊂C --- try 2282: C⊂C
[4]try empty: D∅D --- try 2205: D∅D
[5]try ne: E≠E --- try 2260: E≠E

para[6]

para[7]

Table A.1. The Effect of Constraints upon the Size of the Population Set[a]

Independent Requirement ▫	Fraction of Population▫	Population of set▫	Intersection Set▫
(…X… Z Z ≠X≠ G)	1 in 10	0.0024	(A▫B▫C▫D▫E▫F▫G)
(… ≠ ▫ ▫ ▫ H)	1 in 10	0.0002	(A▫B▫C▫D▫E▫F▫G▫H)

[a] … then we have no knowledge of the possible overlap of the two sets, (we have no knowledge of whether B∩A=∅, B⊂A, B=A or B⊃A.) However, if B=A or B⊃A; then we would have to infer ≠ …

[6]try hellip: F…F --- try 2026: F…F
[7]try nbsp: G G --- try 0020: G Z