Table 1. Detailed agreement between LLM and human labels for subareas, grouped by area

Area	κ	Size	% of agreement	area_conhecimento
Algorithms and Data Structures	1.000000	9	1.000000	Computational Foundations
Combinatorial Analysis	1.000000	5	1.000000	Mathematics
Differential and Integral Calculus	1.000000	6	1.000000	Mathematics
Linear Algebra	1.000000	4	1.000000	Mathematics
Databases	0.830189	9	0.888889	Computational Technology
Software Engineering	0.777778	6	0.833333	Computational Technology
Operating Systems	0.777778	6	0.833333	Computational Foundations
Discrete Mathematics	0.769231	6	0.833333	Mathematics
Analytical Geometry	0.687500	5	0.800000	Mathematics
Probability and Statistics	0.600000	4	0.750000	Mathematics
Formal Languages, Automata, and Computability	0.583333	5	0.800000	Computational Foundations
Image Processing	0.571429	3	0.666667	Computational Technology
Distributed Systems	0.400000	6	0.500000	Computational Technology
Graph Theory	0.400000	3	0.666667	Computational Foundations
Computer Architecture and Organization	0.375000	5	0.600000	Computational Foundations
Digital Circuits	0.333333	2	0.500000	Computational Foundations
Computer Networks	0.333333	6	0.666667	Computational Technology
Compilers	0.285714	5	0.600000	Computational Technology
Programming Languages	0.196429	9	0.444444	Computational Foundations
File and Data Organization	0.000000	3	0.333333	Computational Foundations
Mathematical Logic	0.000000	8	0.750000	Mathematics
Algorithm Analysis	-0.076923	7	0.142857	Computational Foundations
Programming Techniques	-1.000000	2	0.000000	Computational Foundations
Computer Graphics	NaN	3	1.000000	Computational Technology
Artificial Intelligence	NaN	3	1.000000	Computational Technology