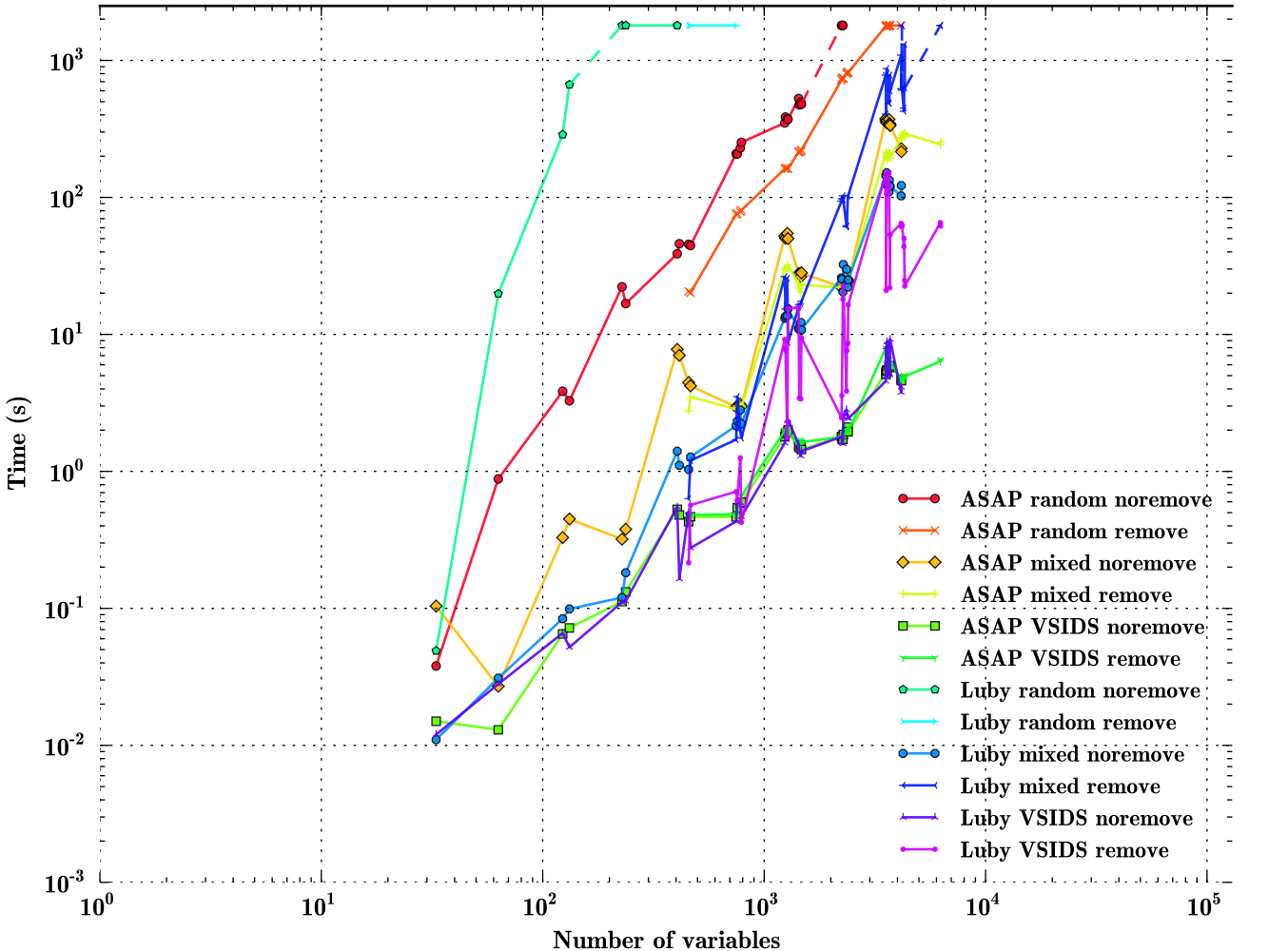
Pebbling formulas with substitution neq(not all equal) of arity 3


Pebbling formulas, Gilbert-Tarjan graphs, substitution neq 3, no shuffle, no preprocessing
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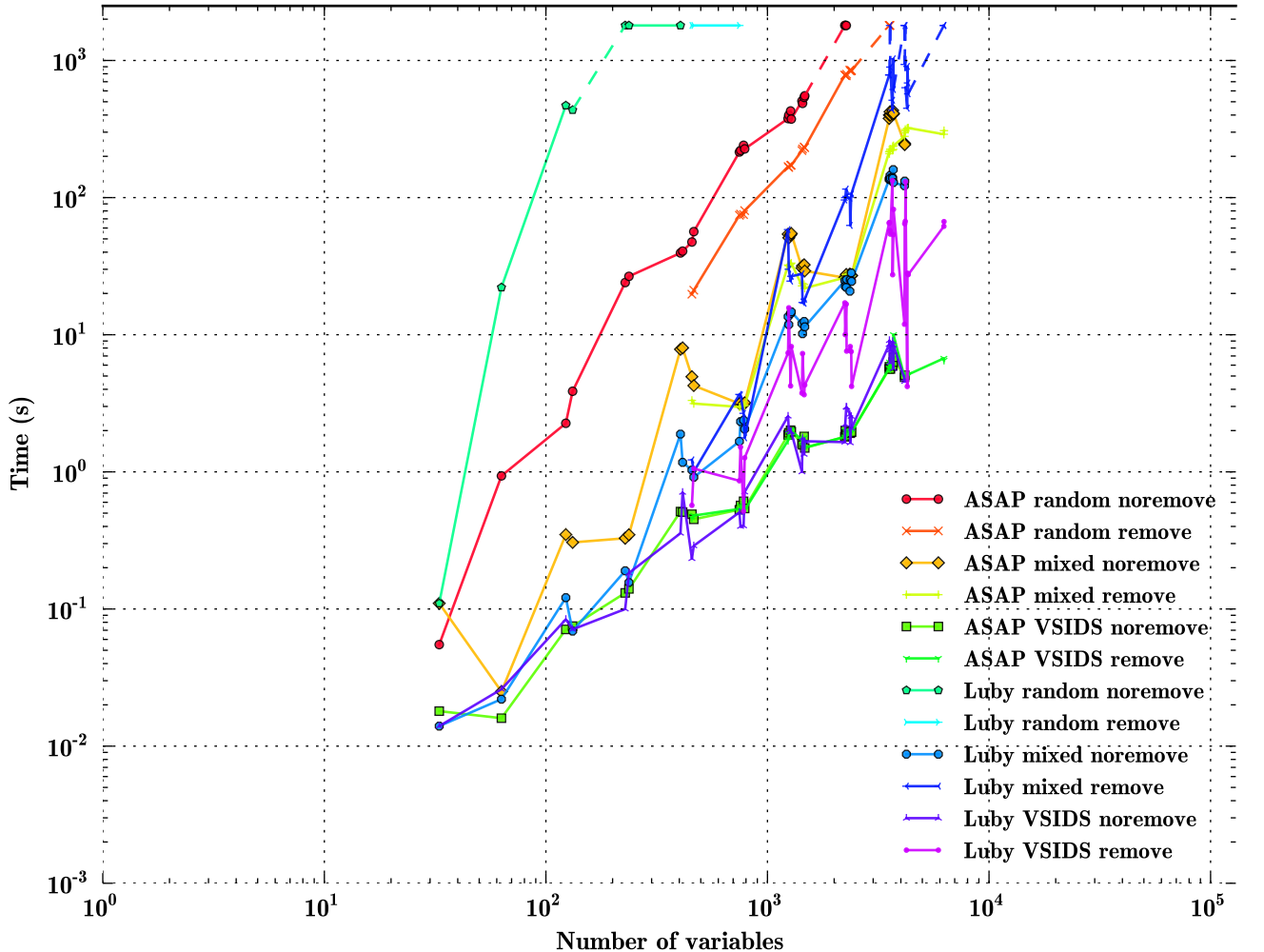
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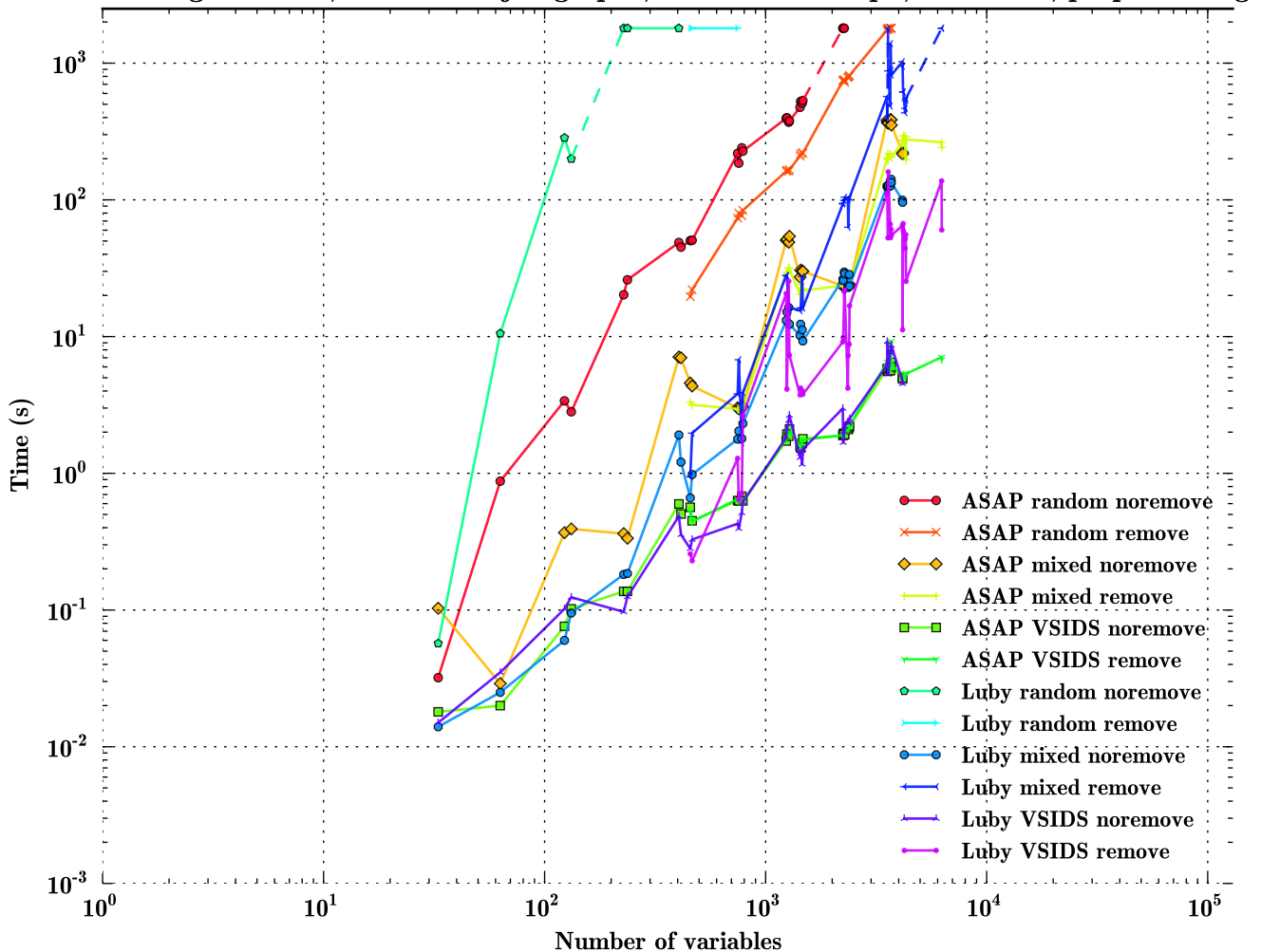
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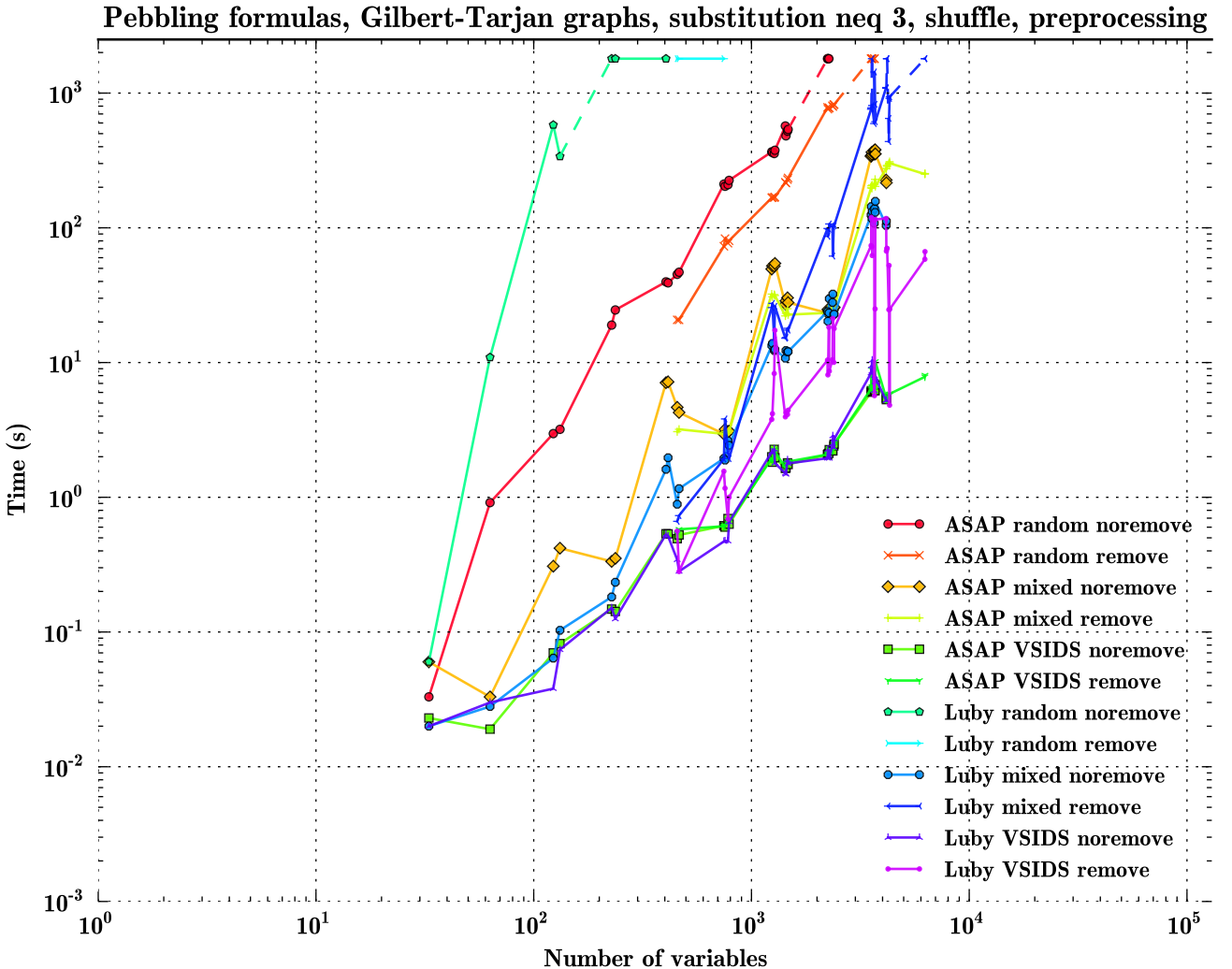
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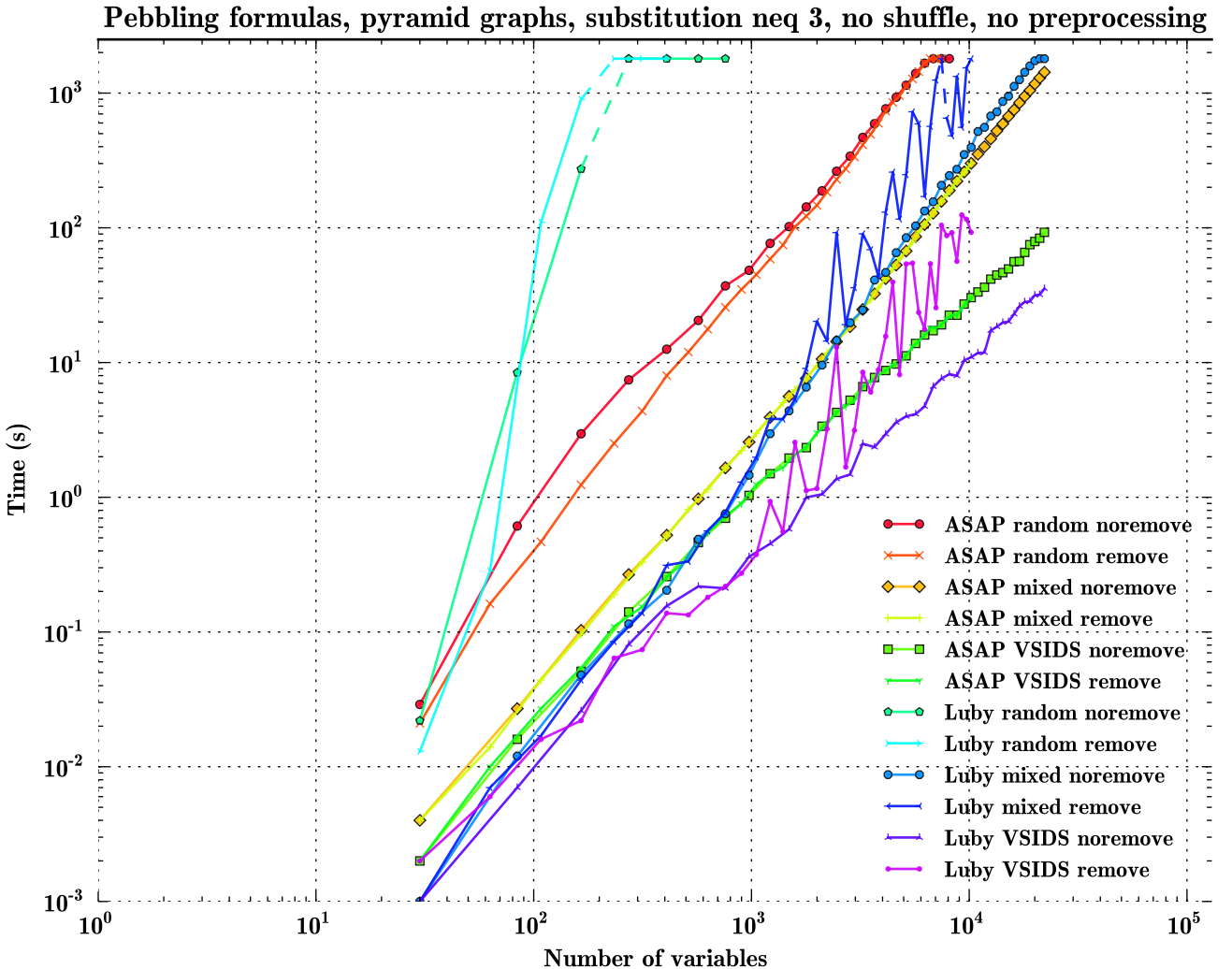
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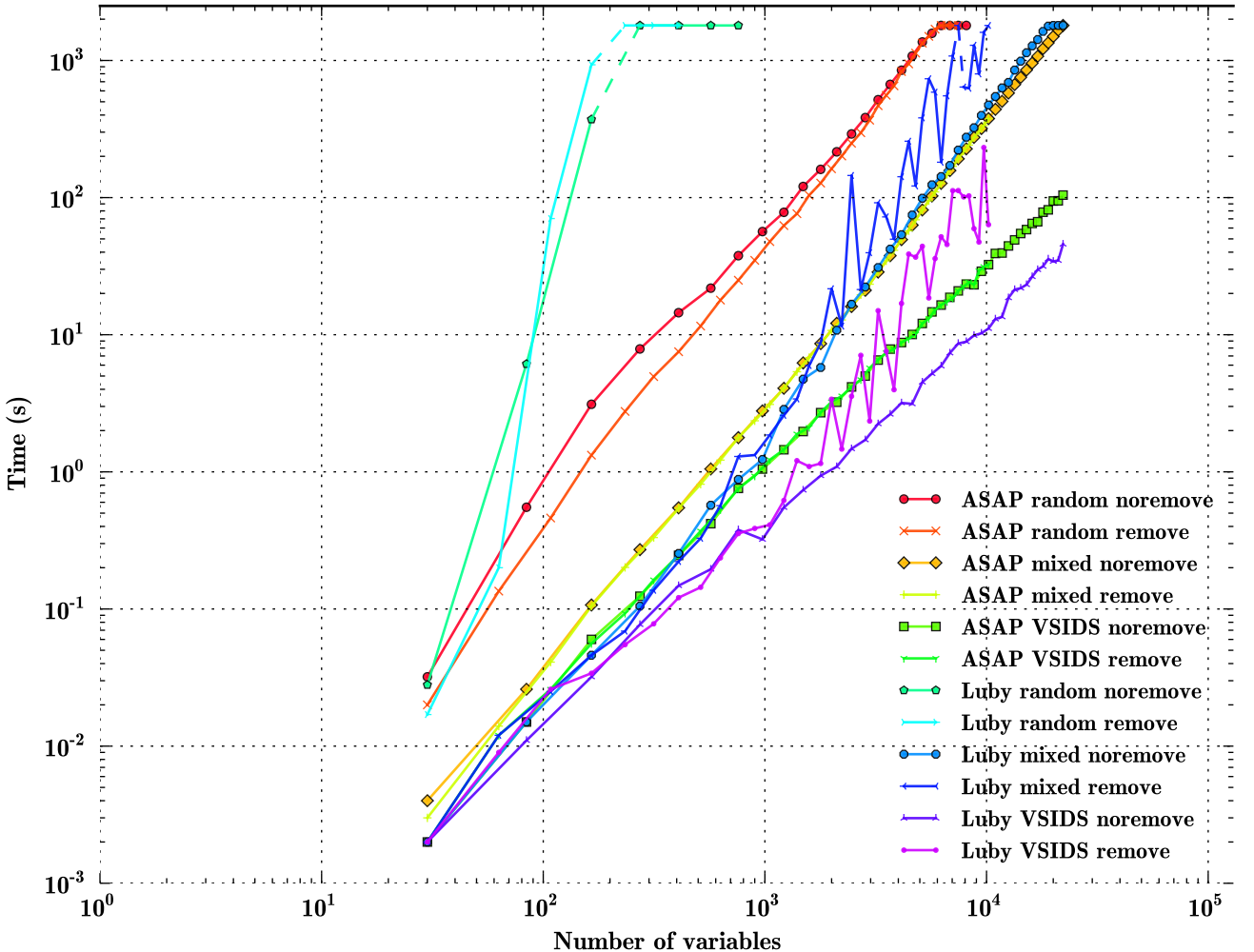
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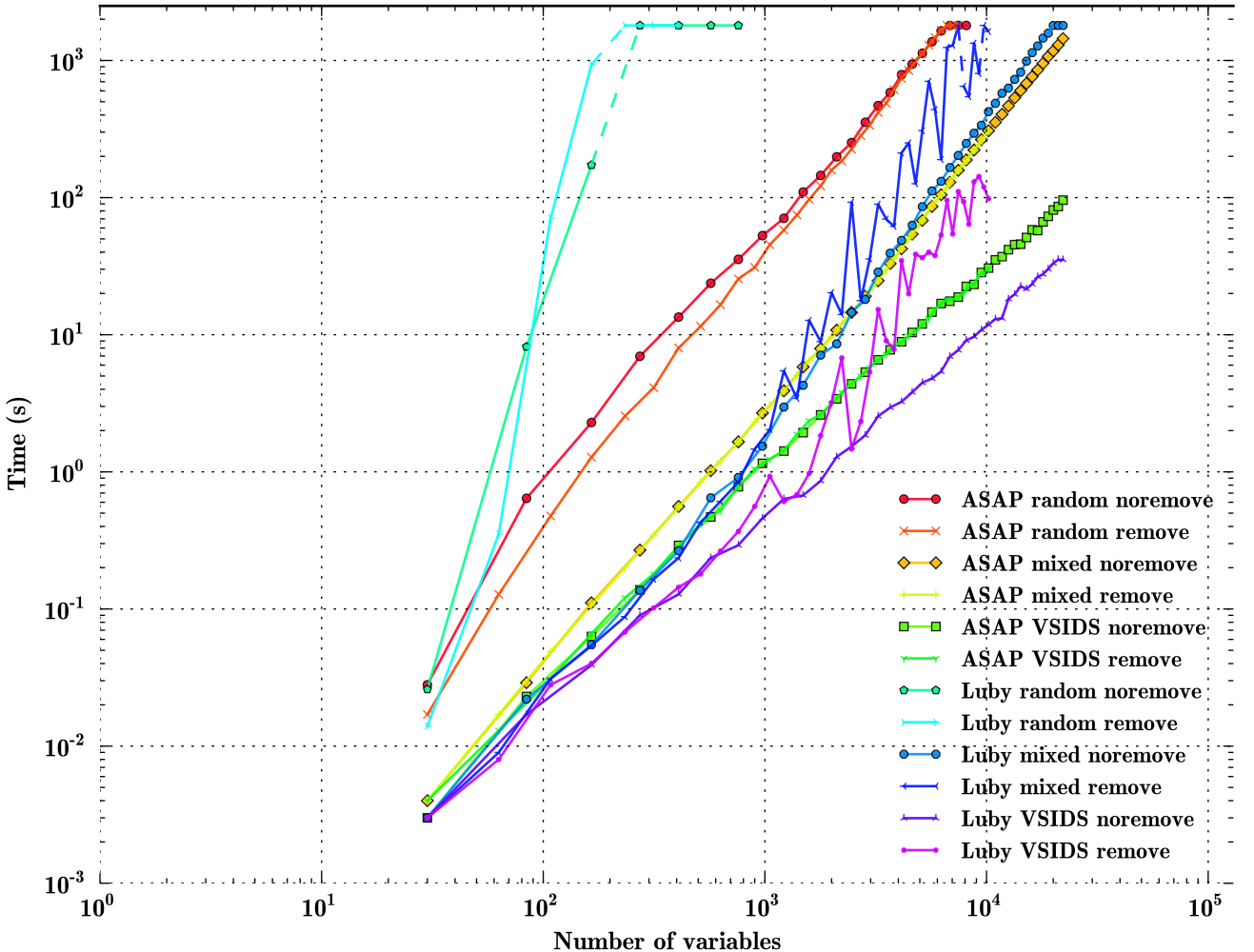
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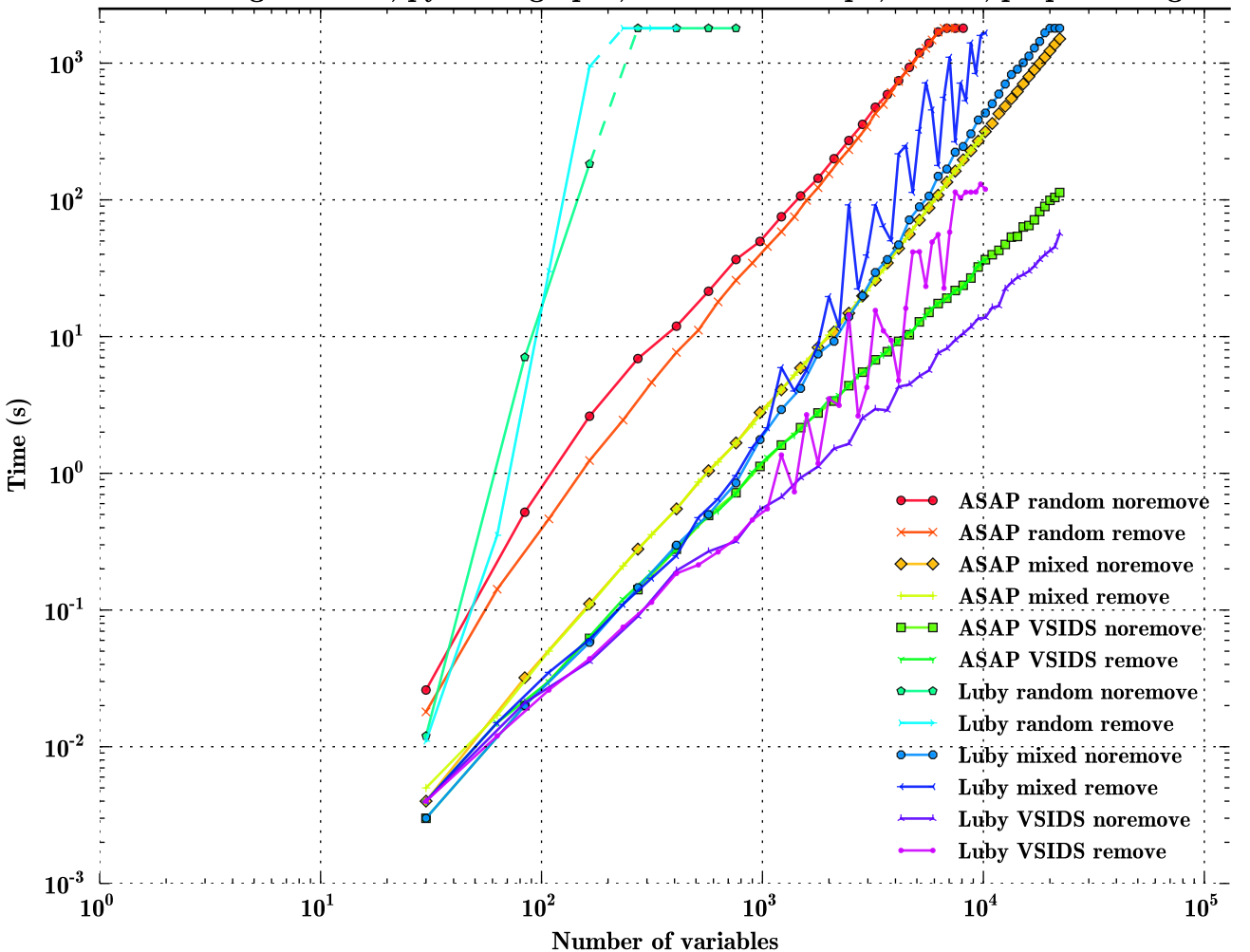
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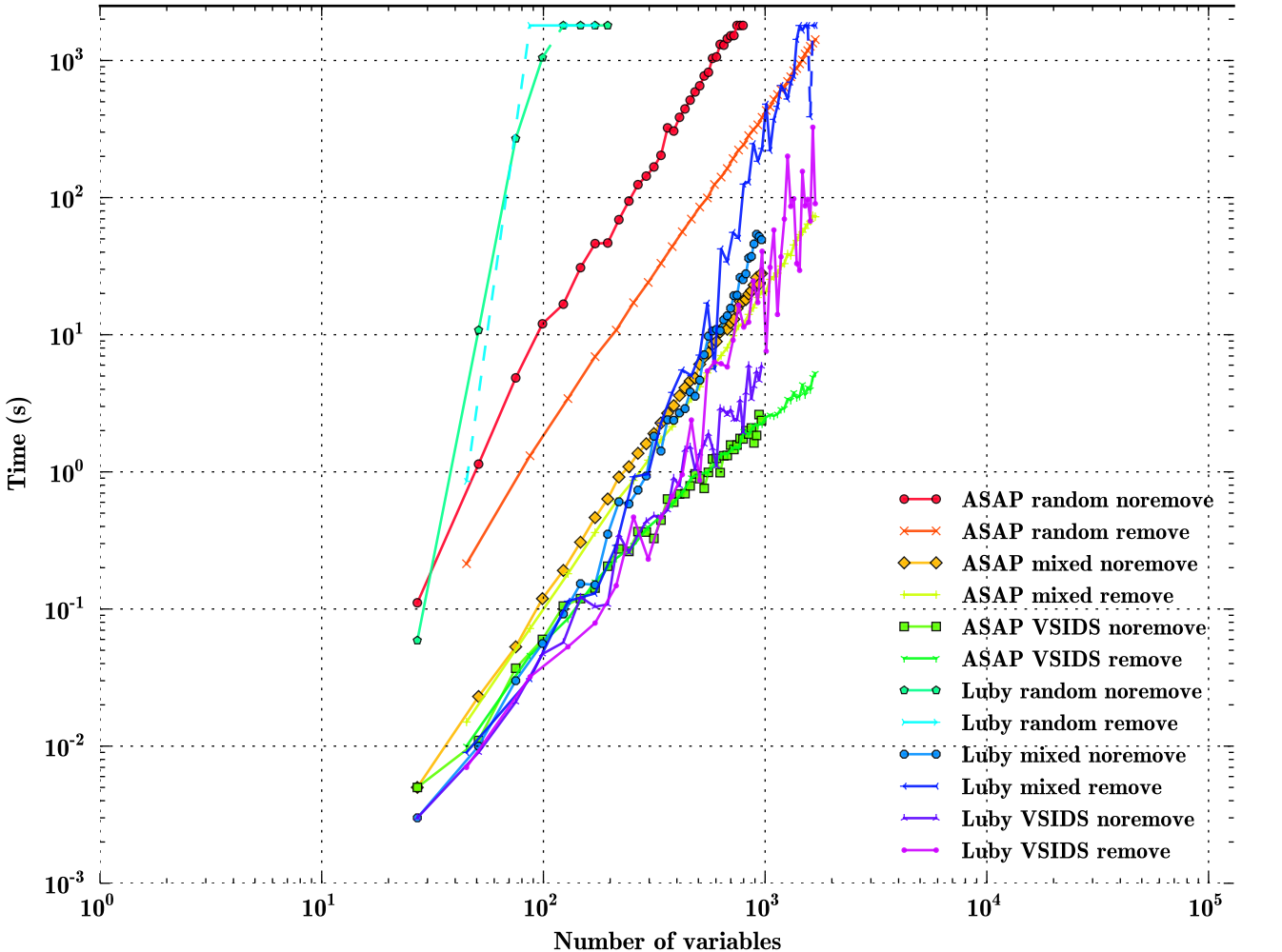
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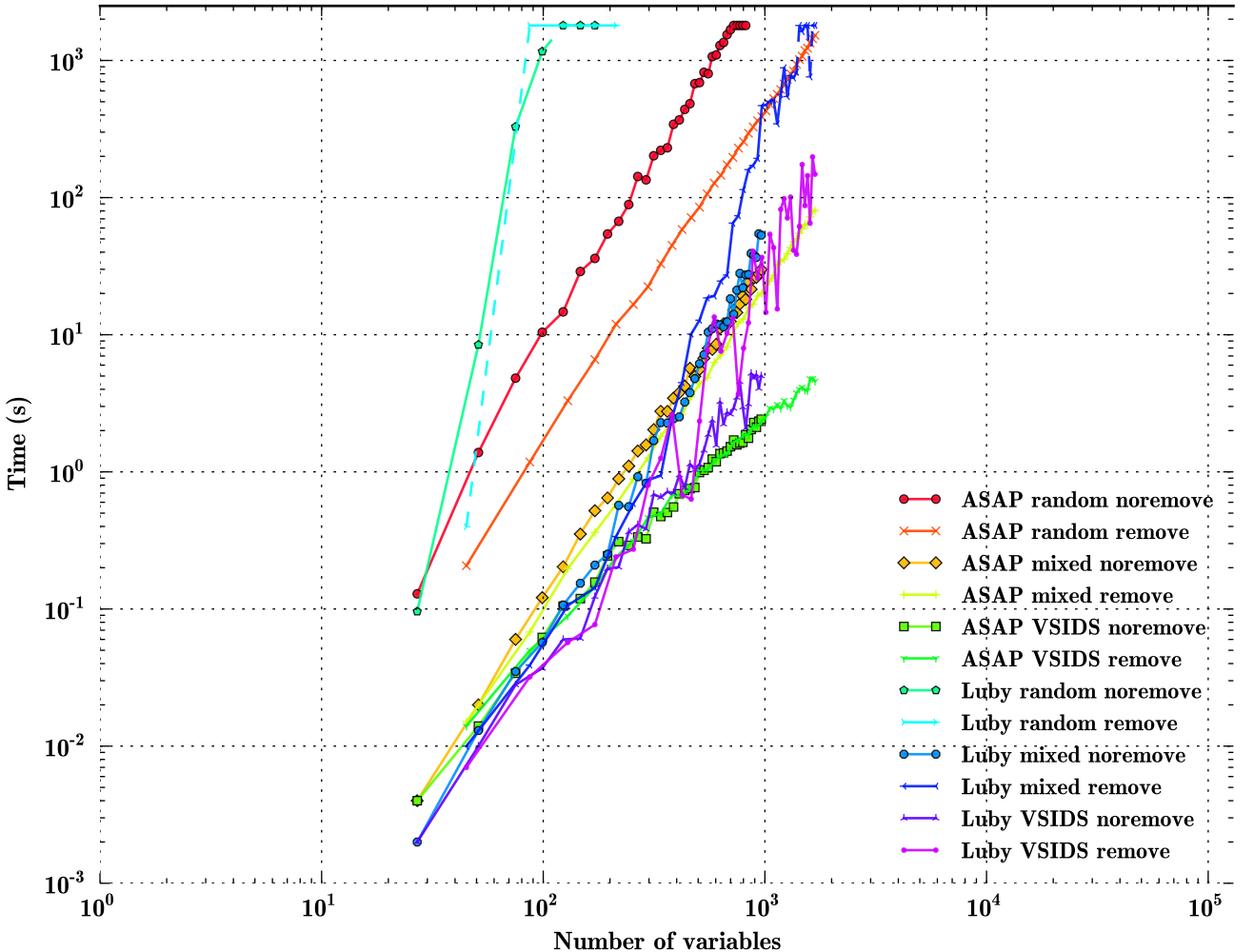
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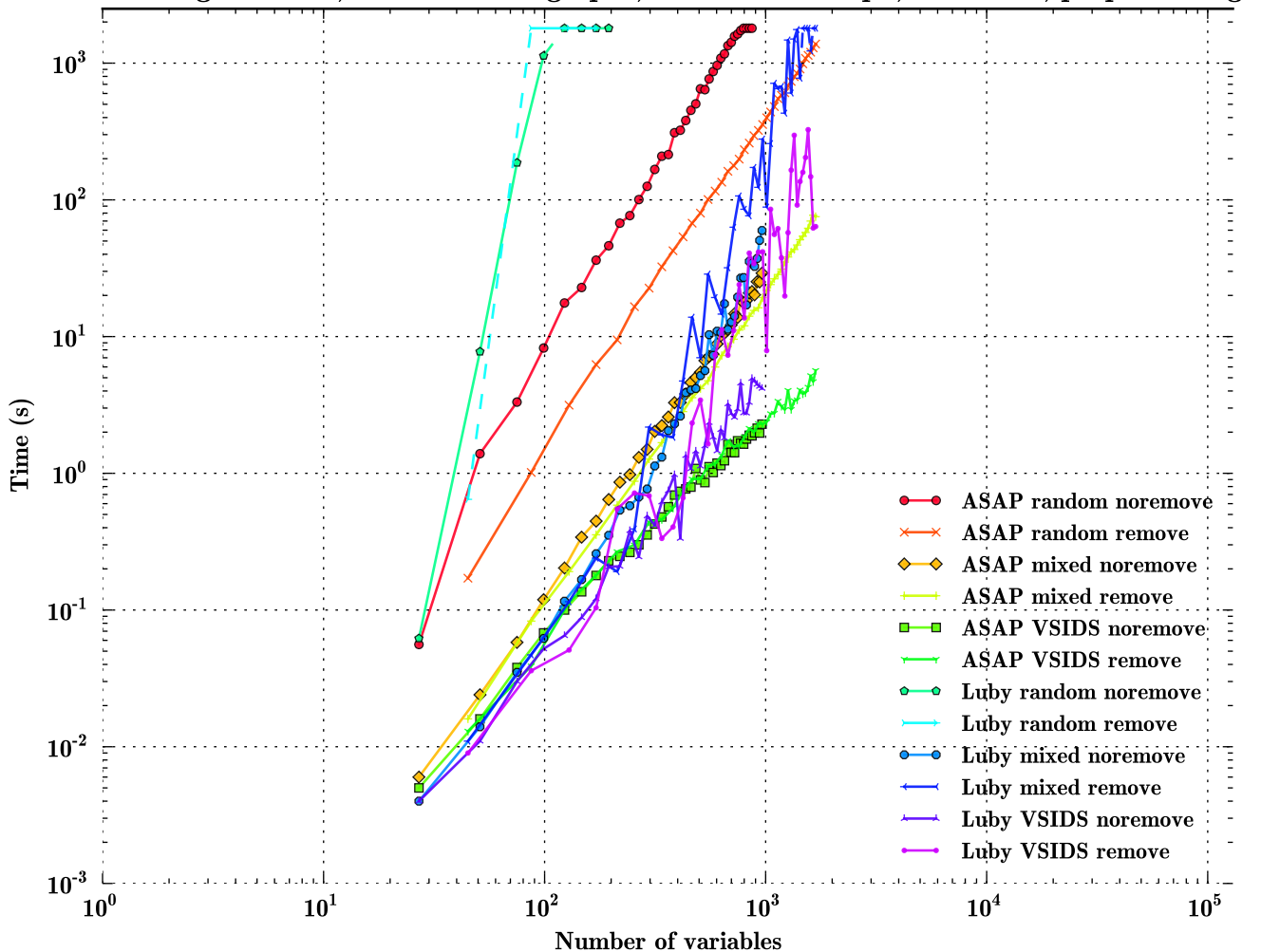
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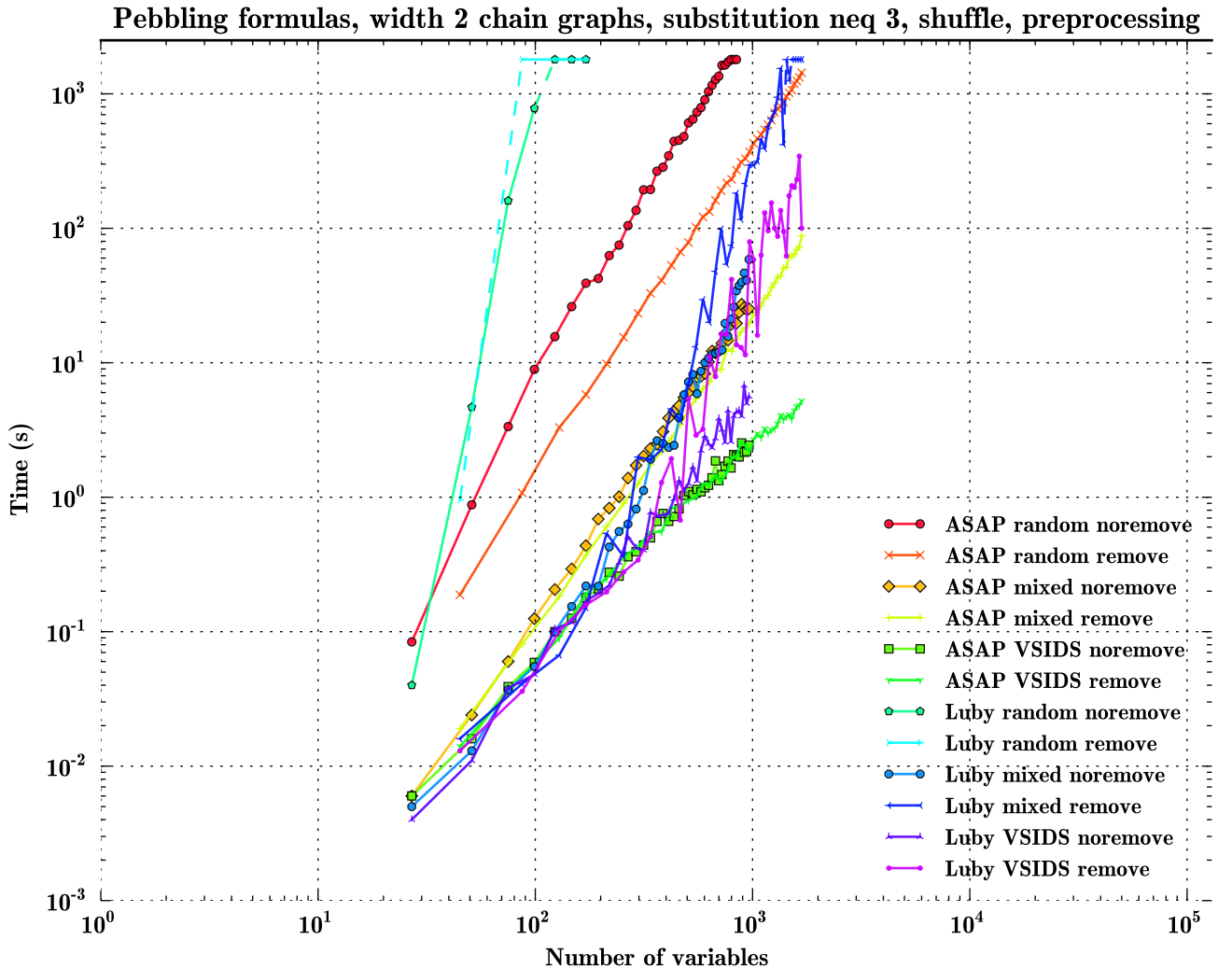
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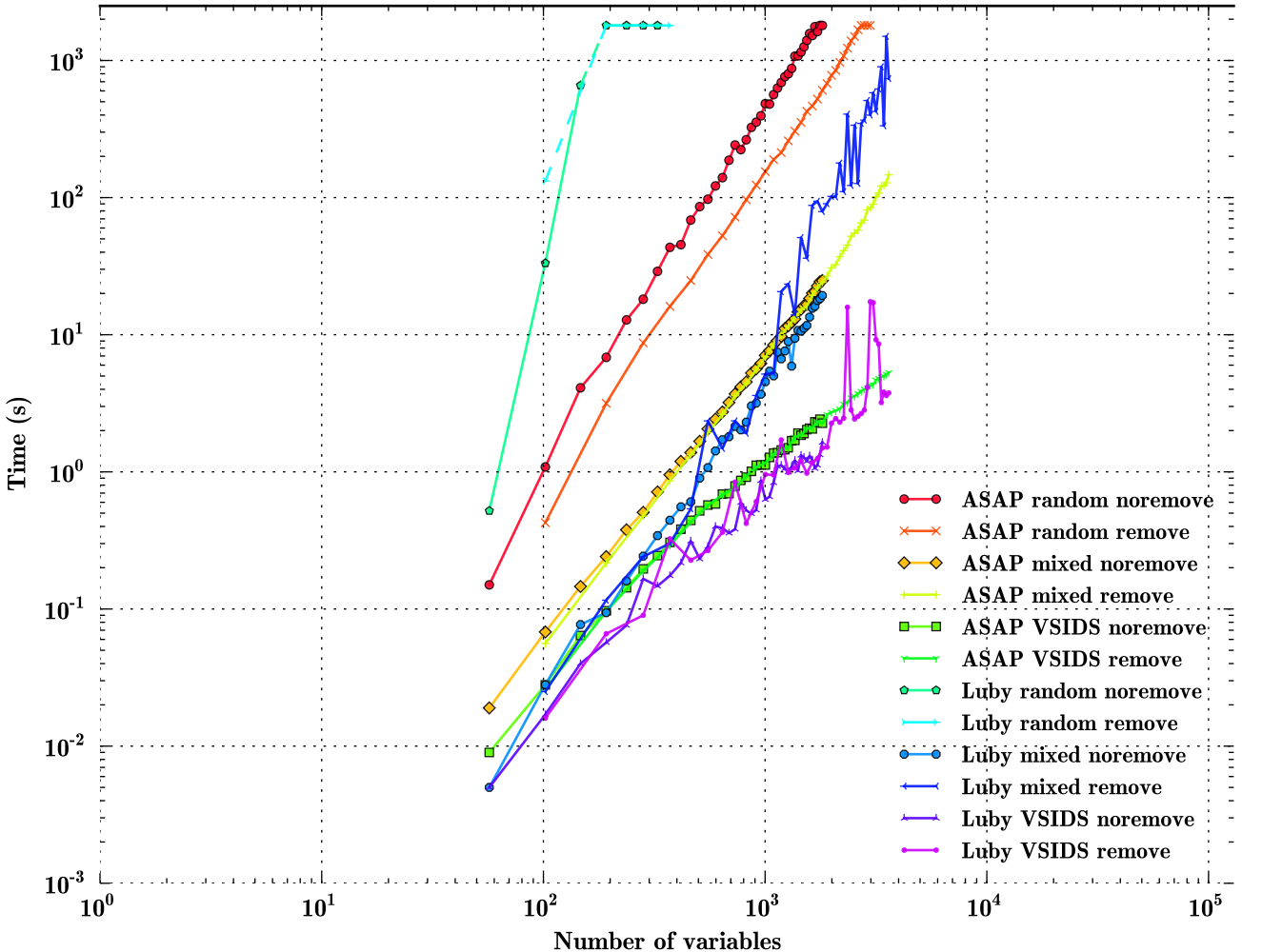
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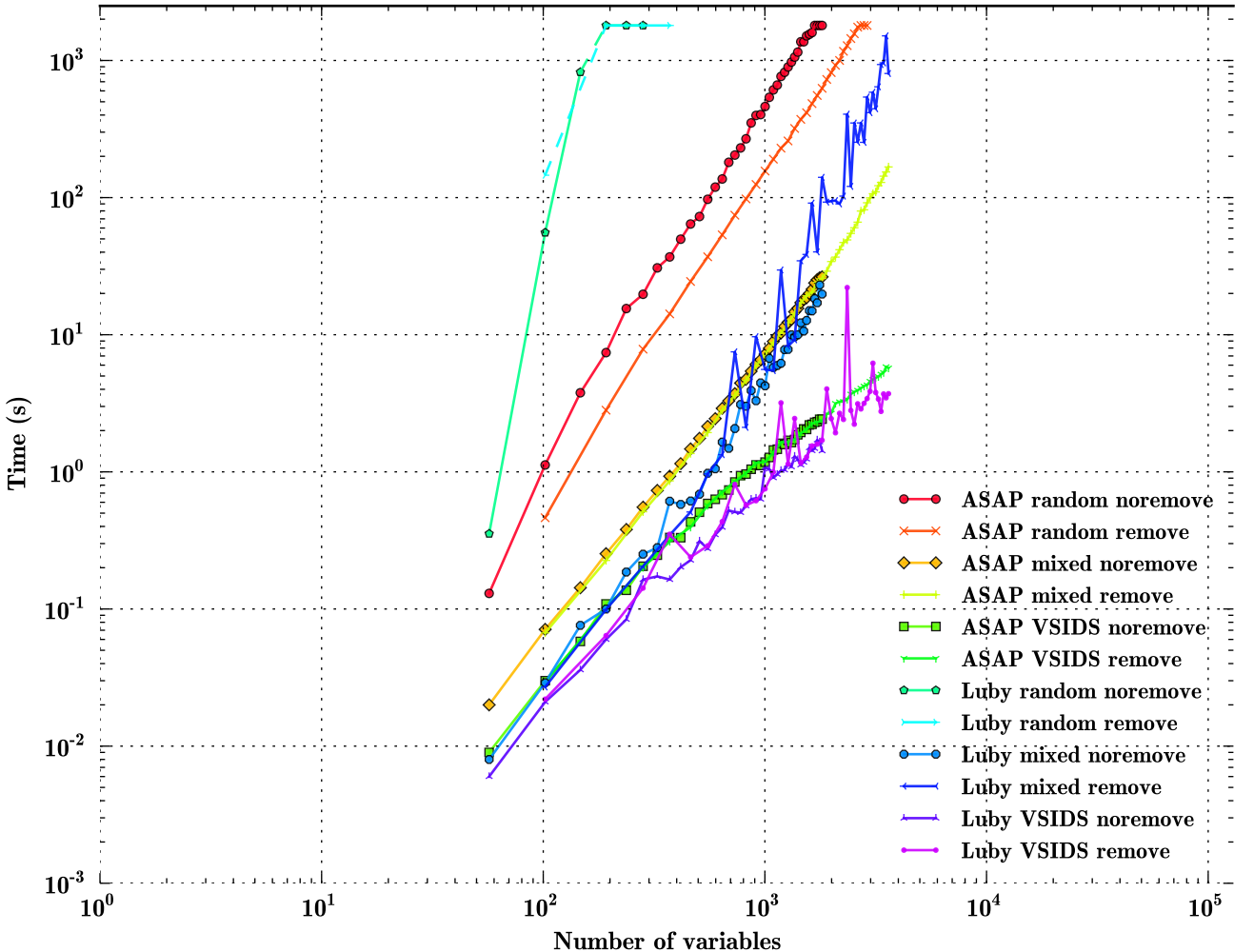
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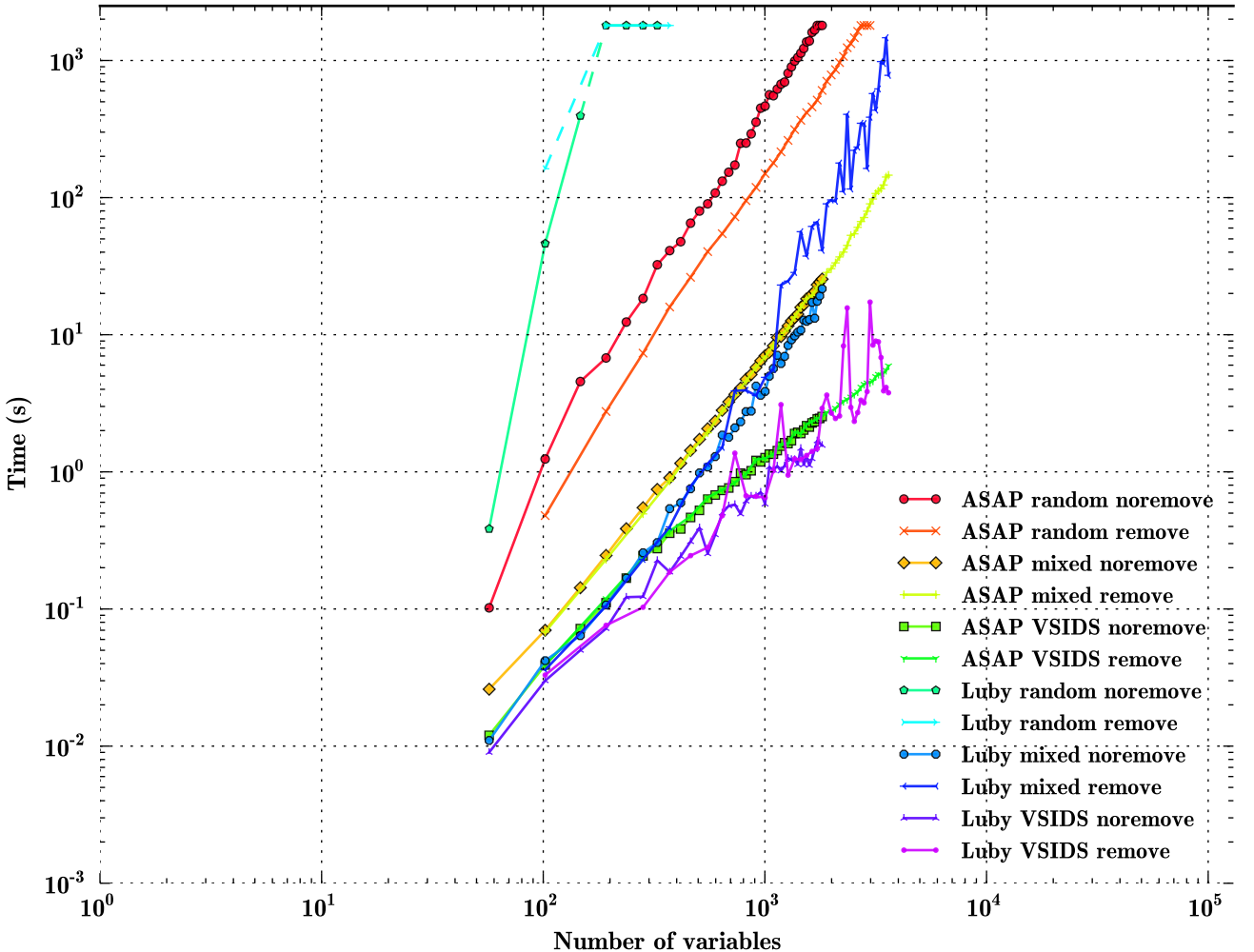
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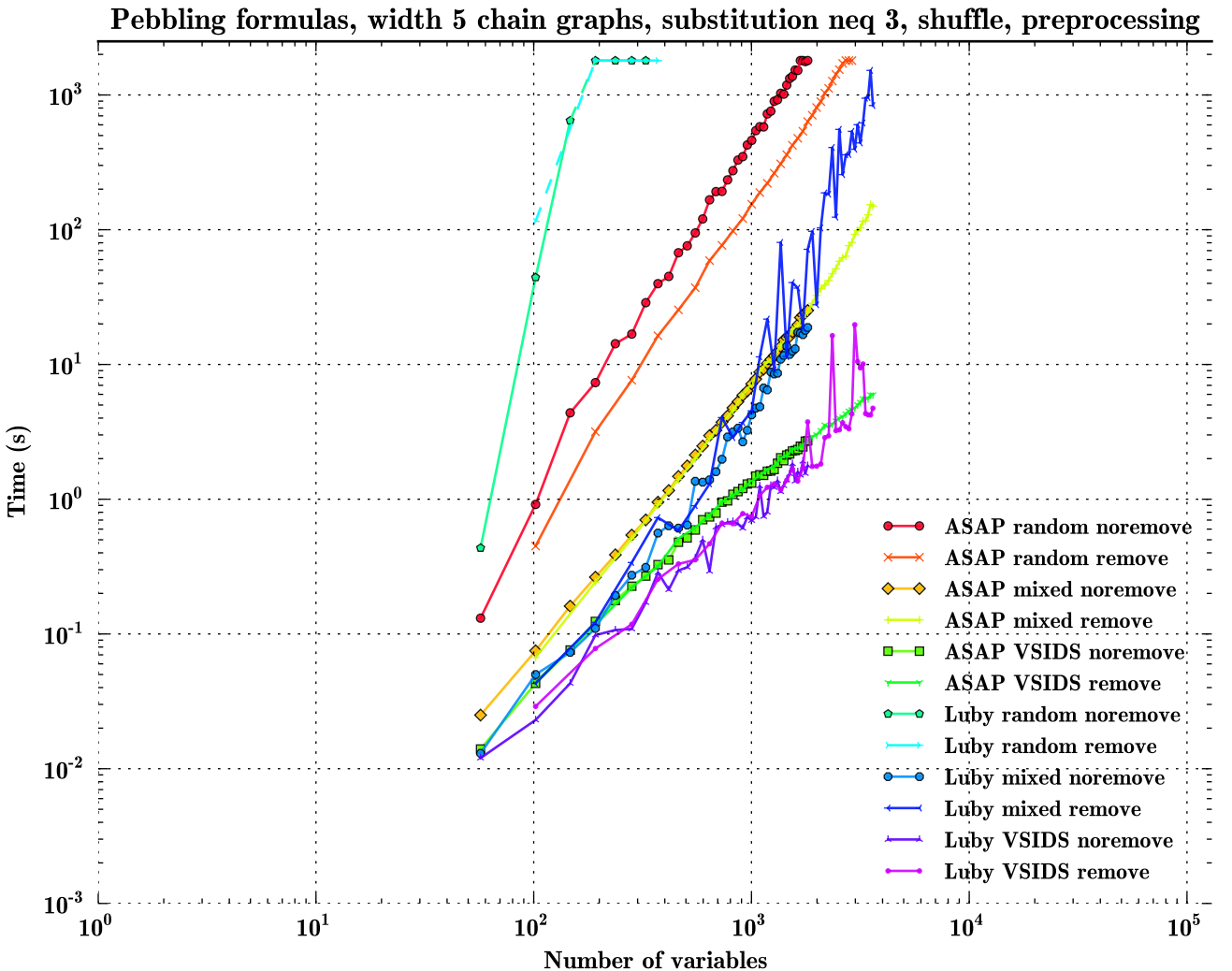
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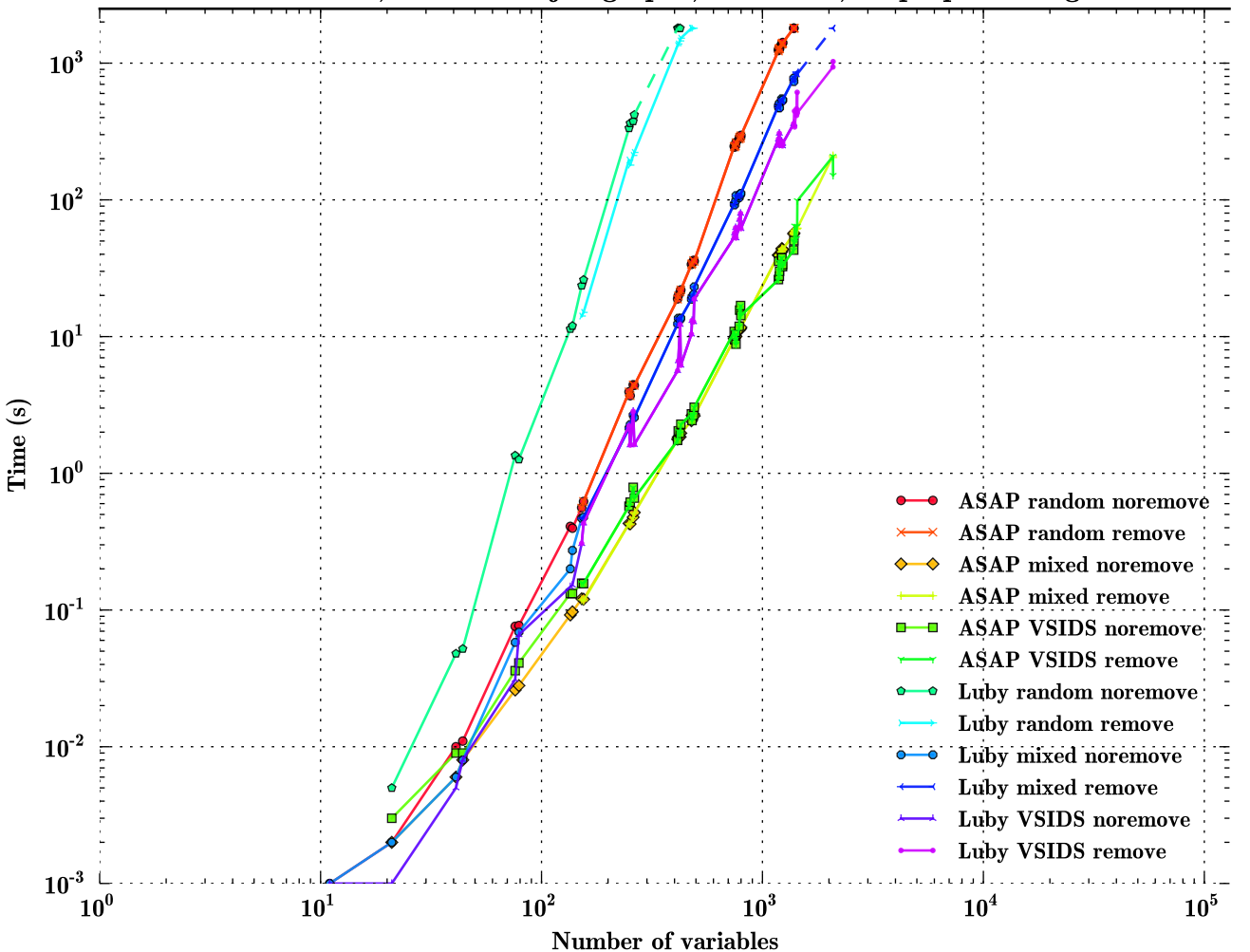
Cartesian products of vanilla pebbling formulas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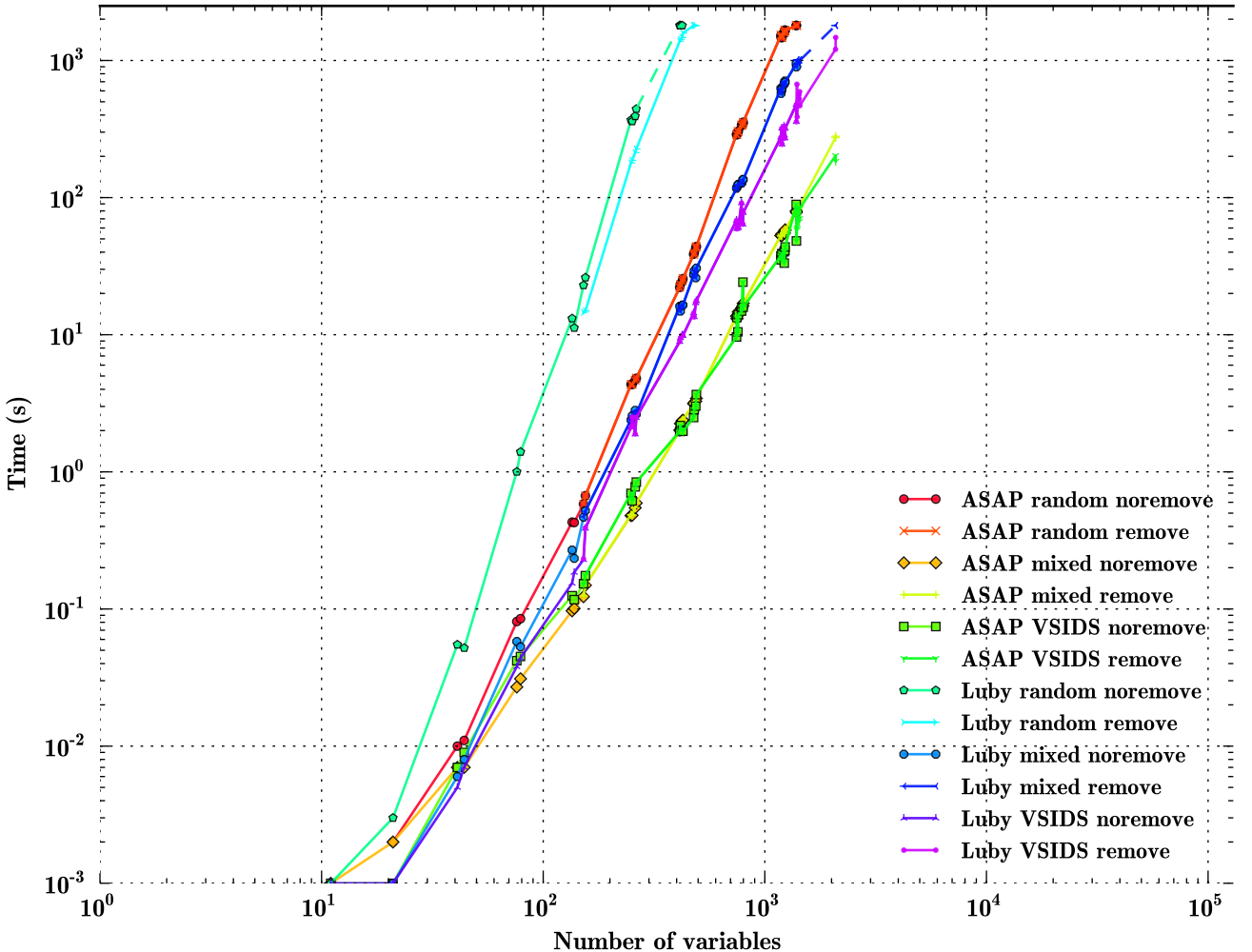
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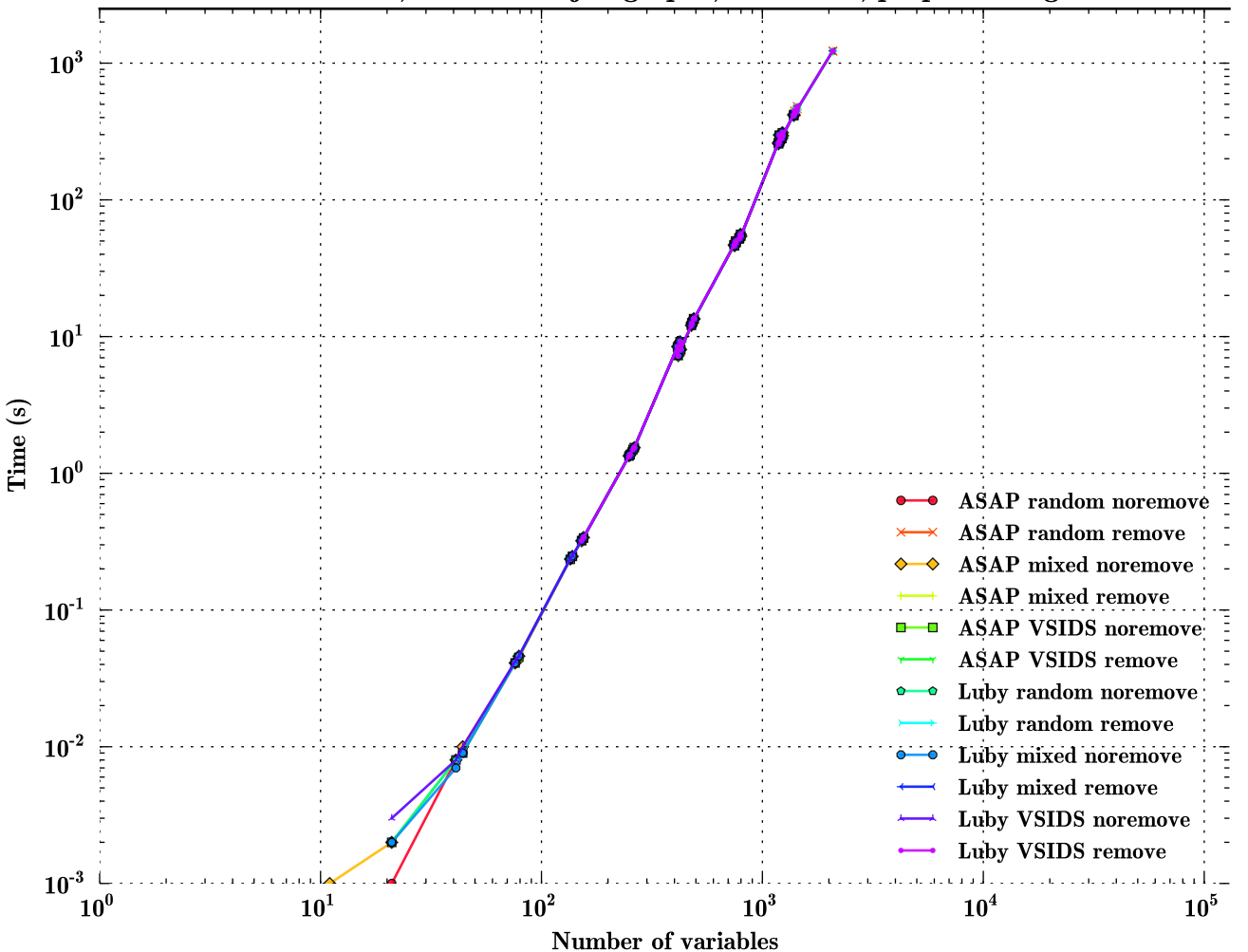
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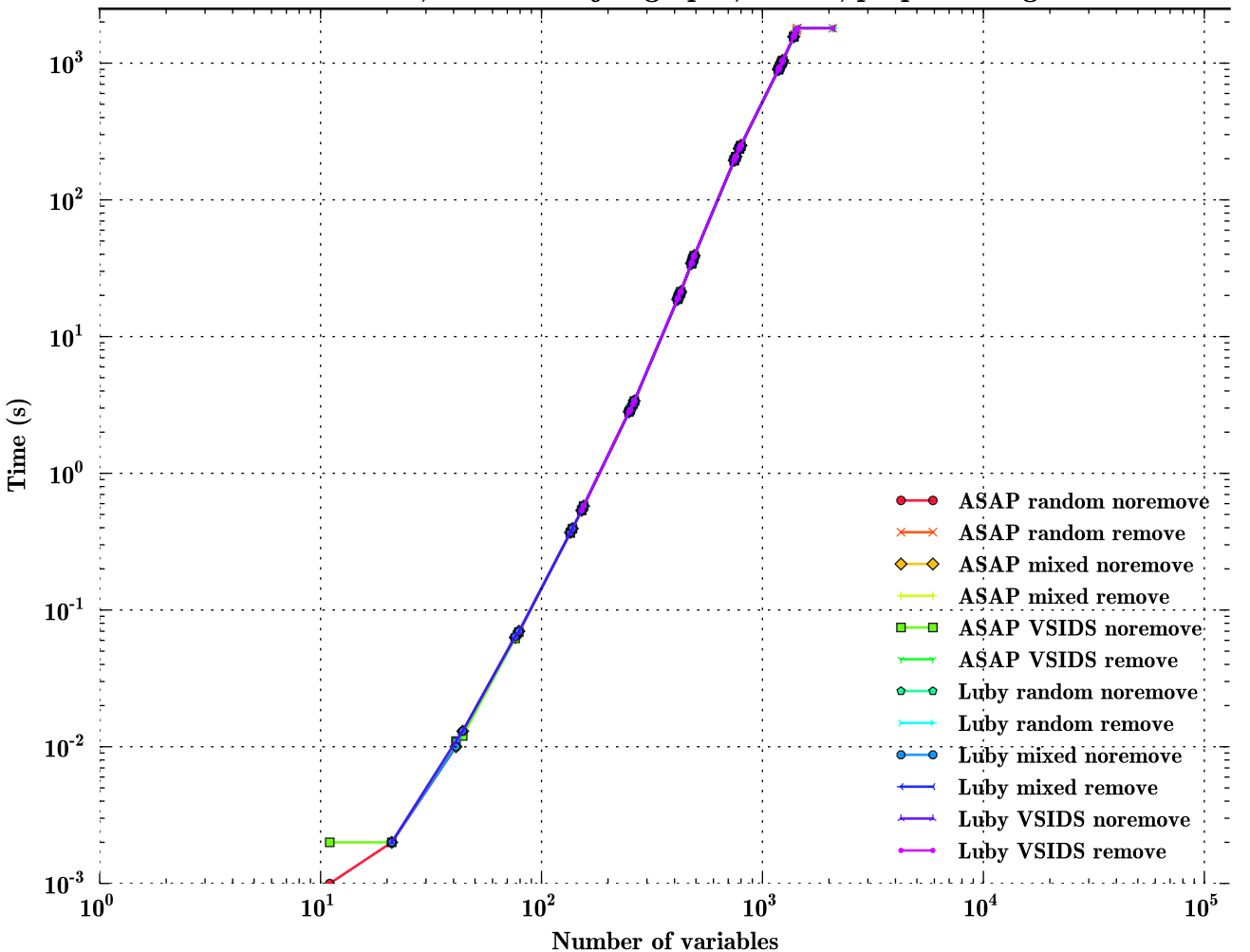
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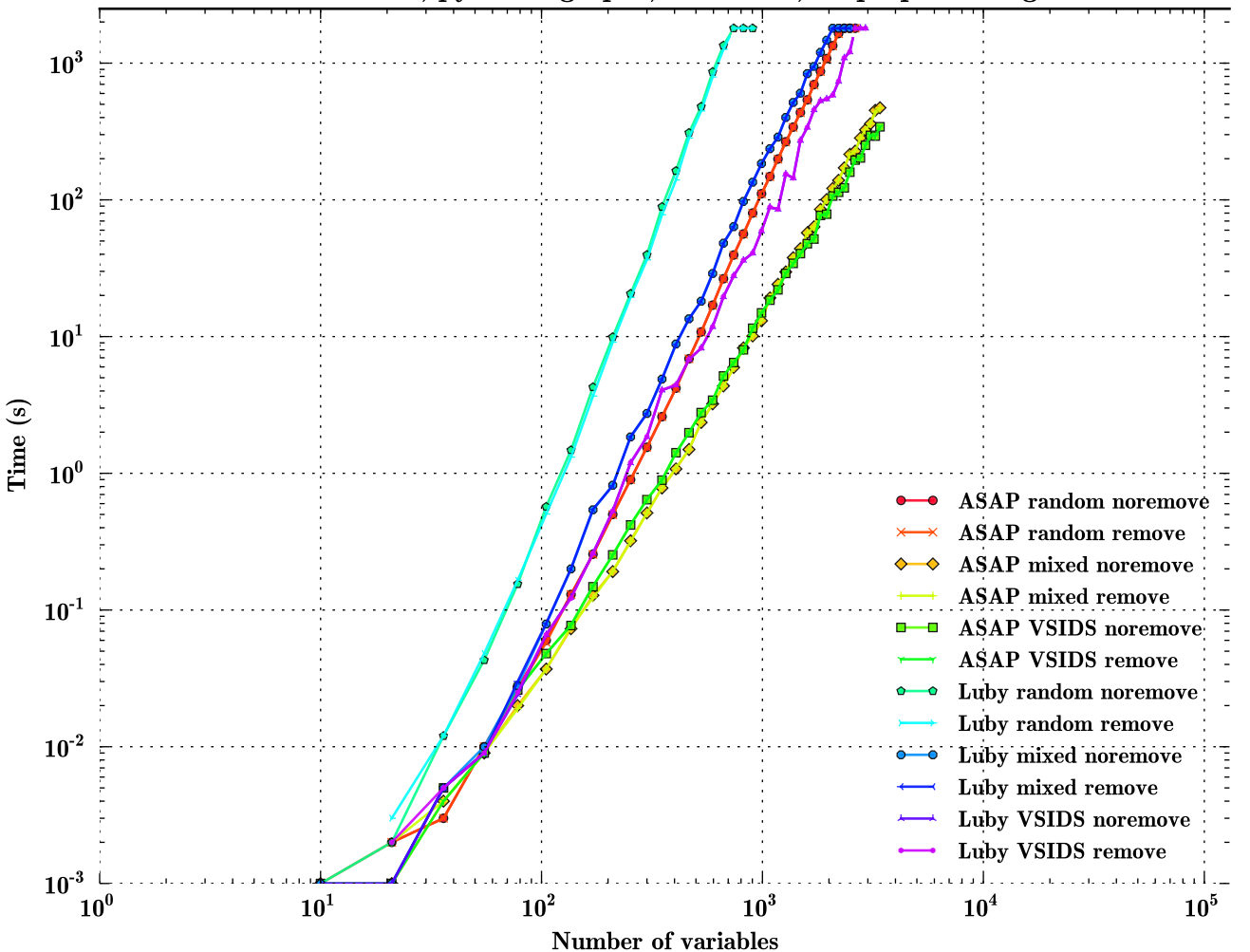
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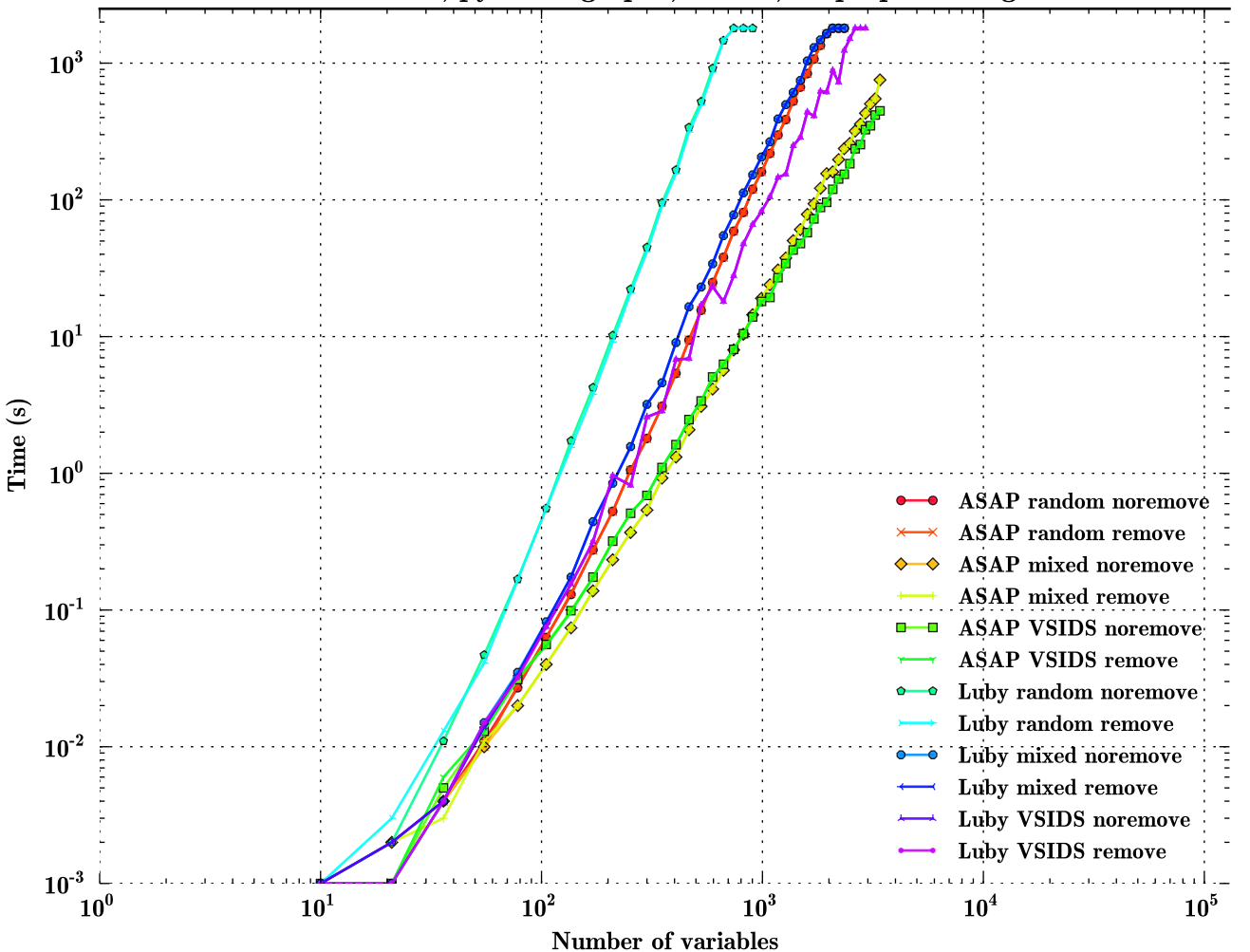
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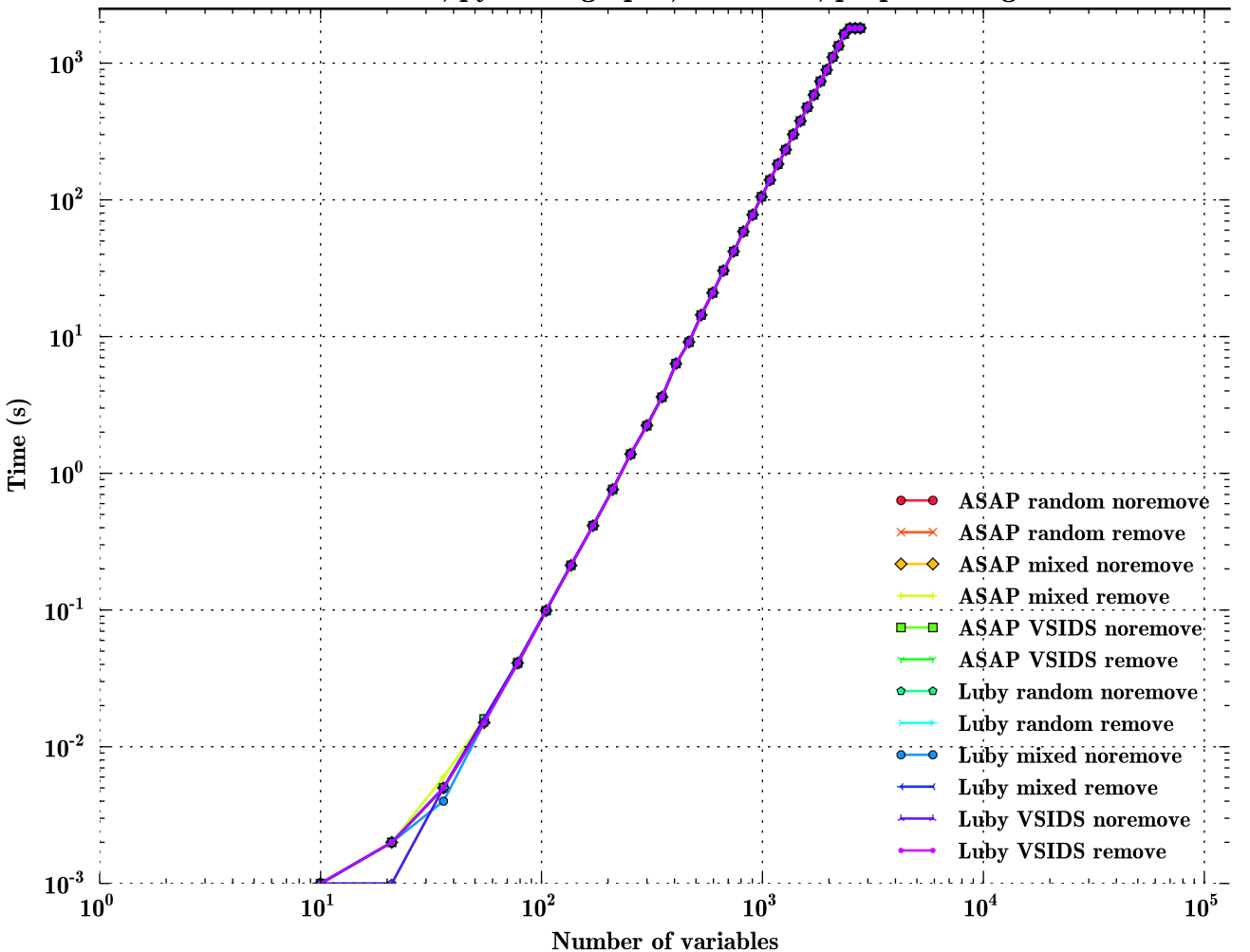
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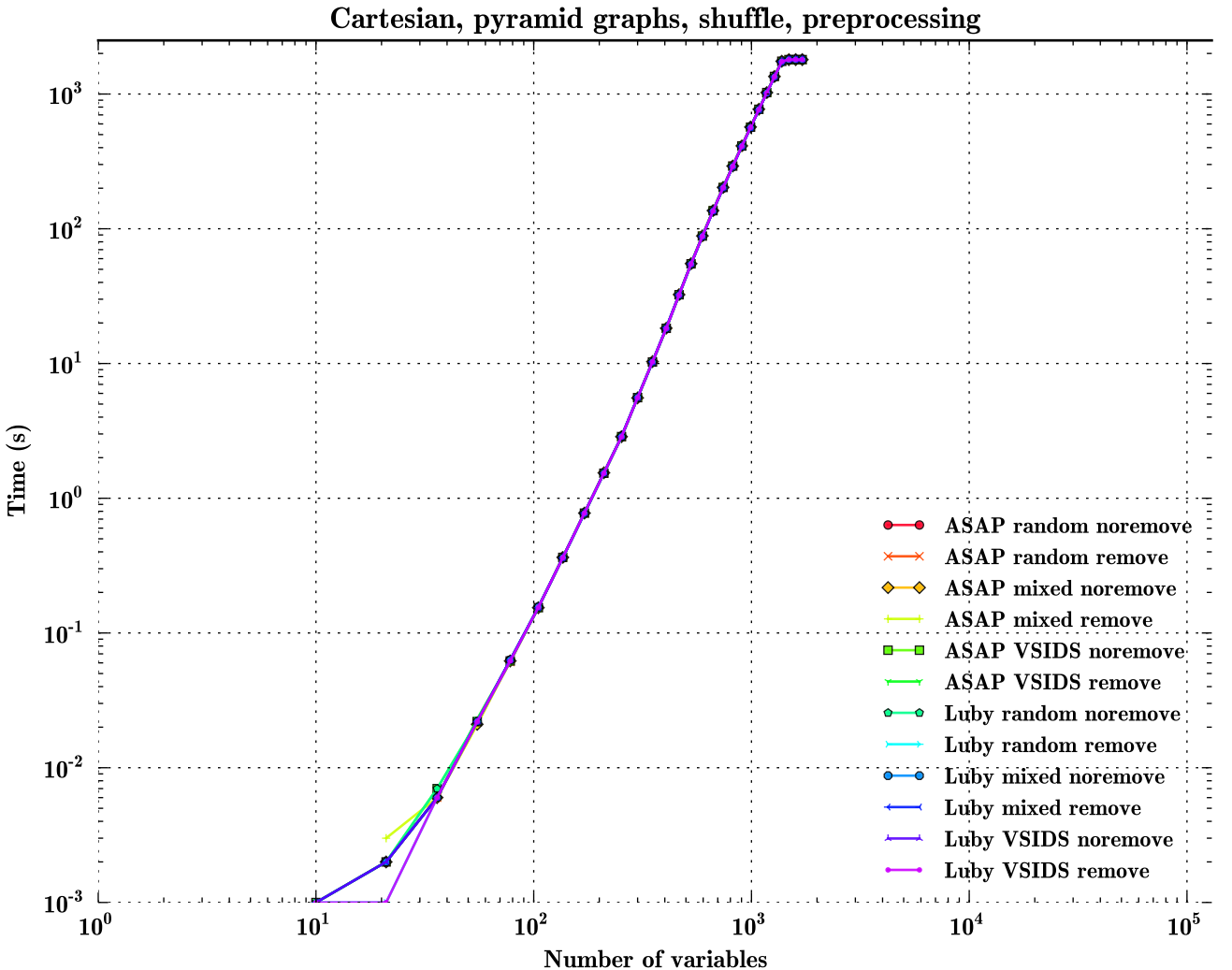
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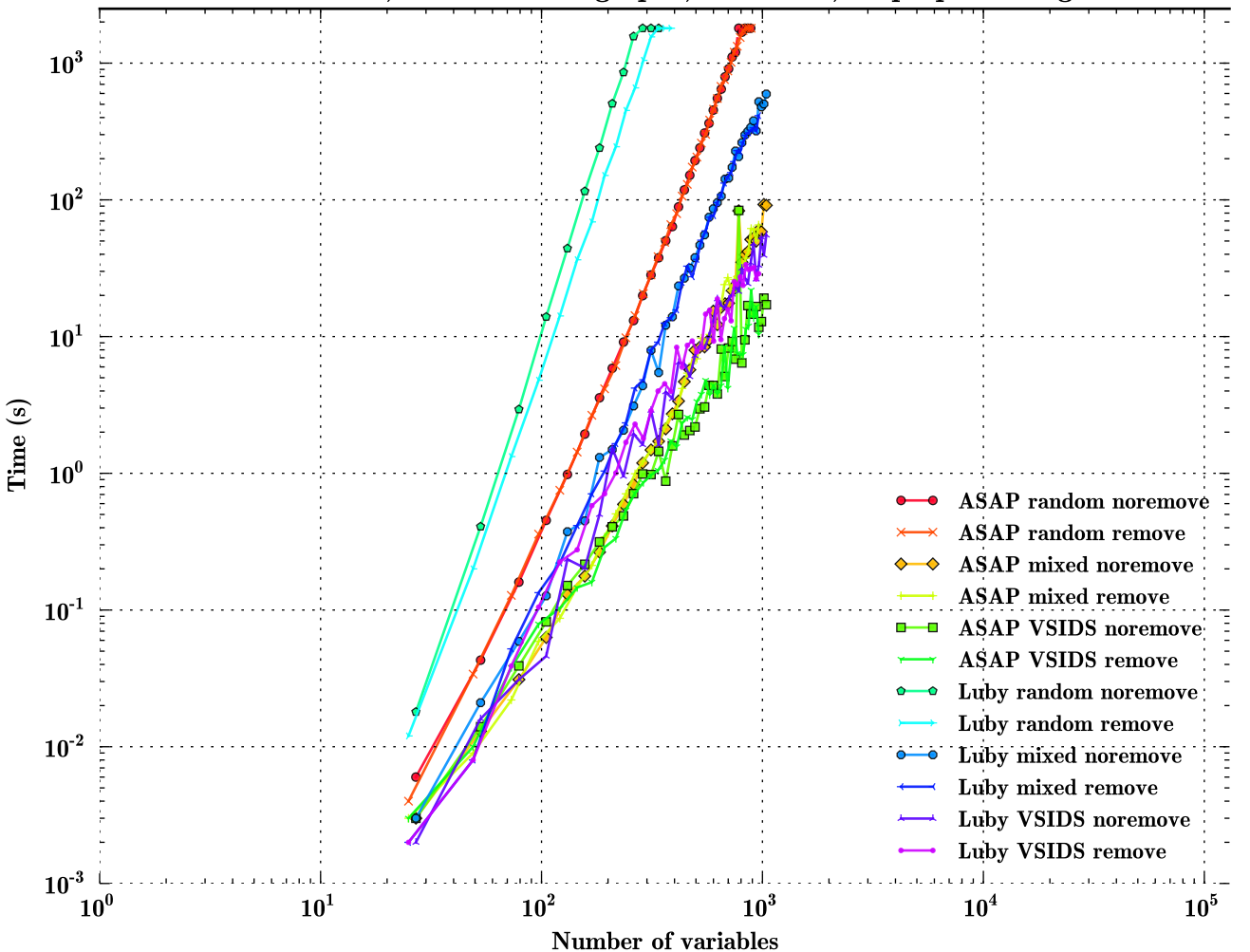
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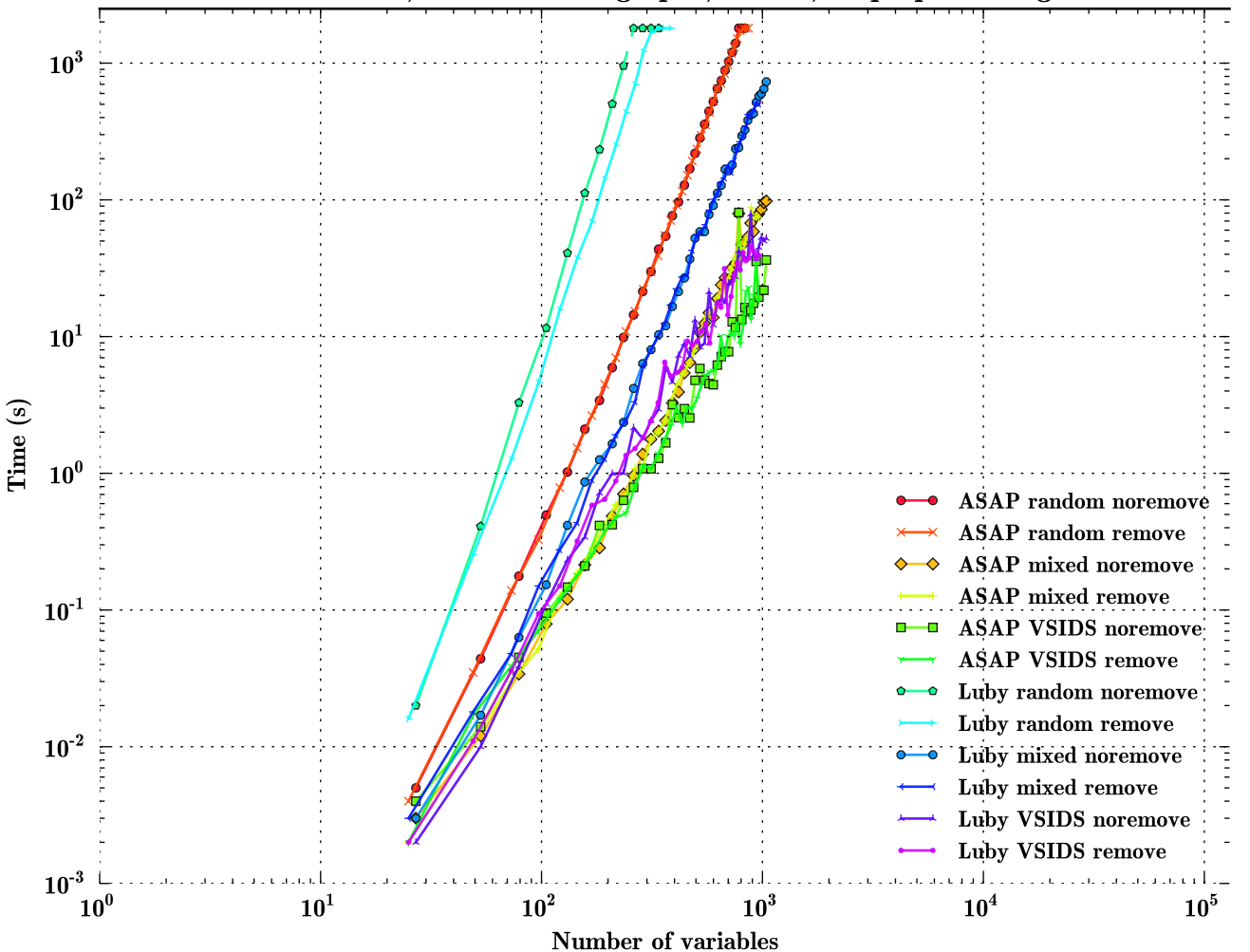
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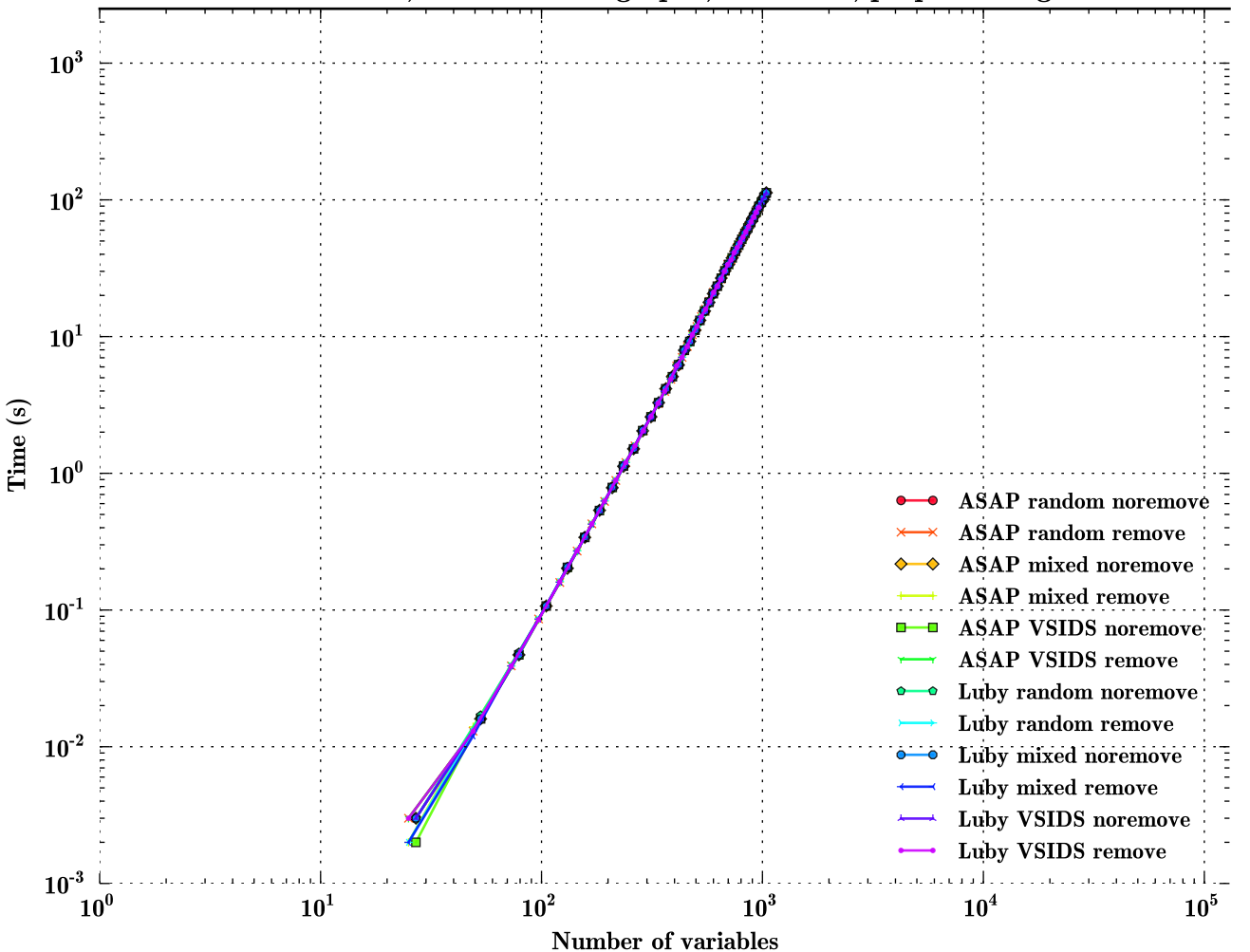
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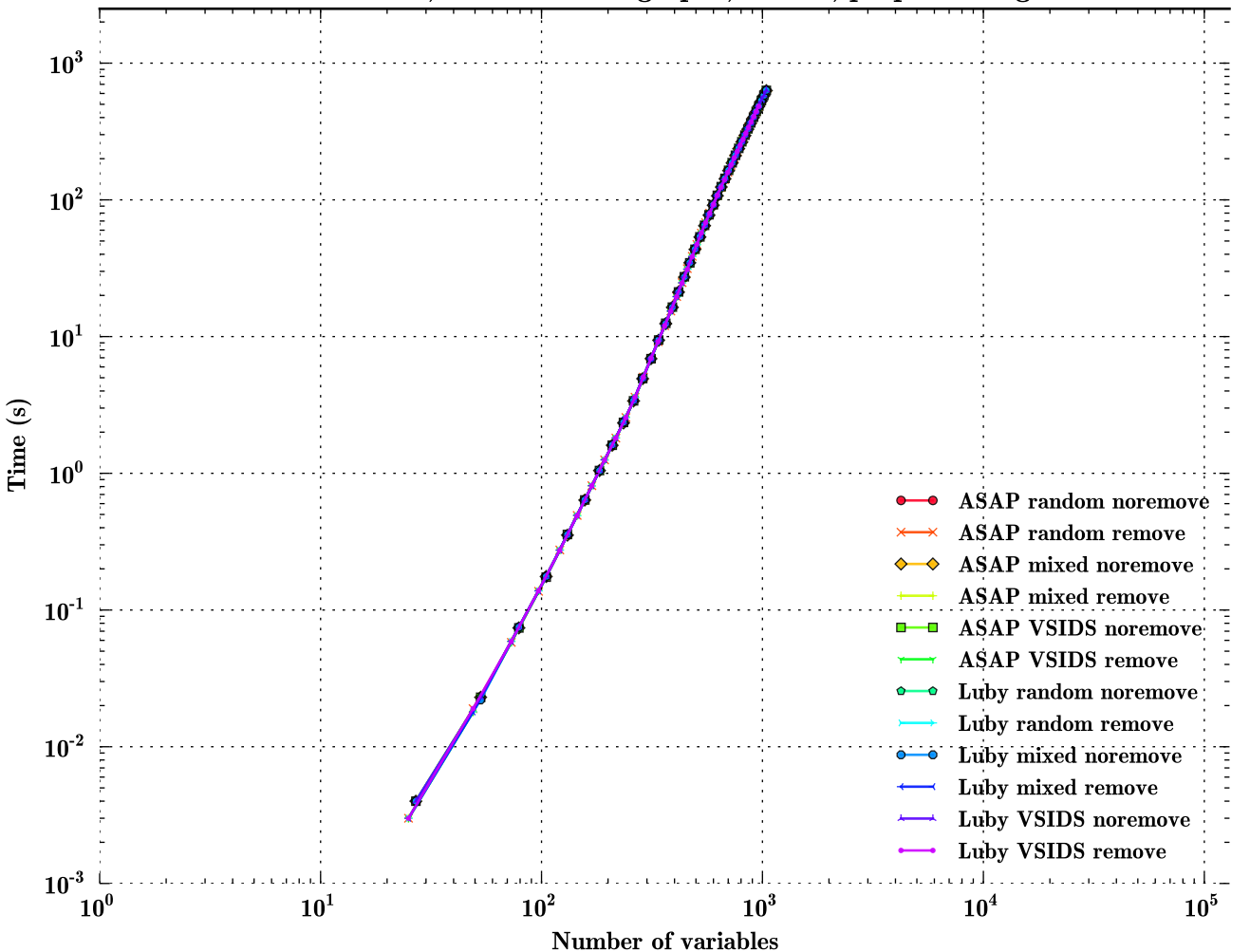
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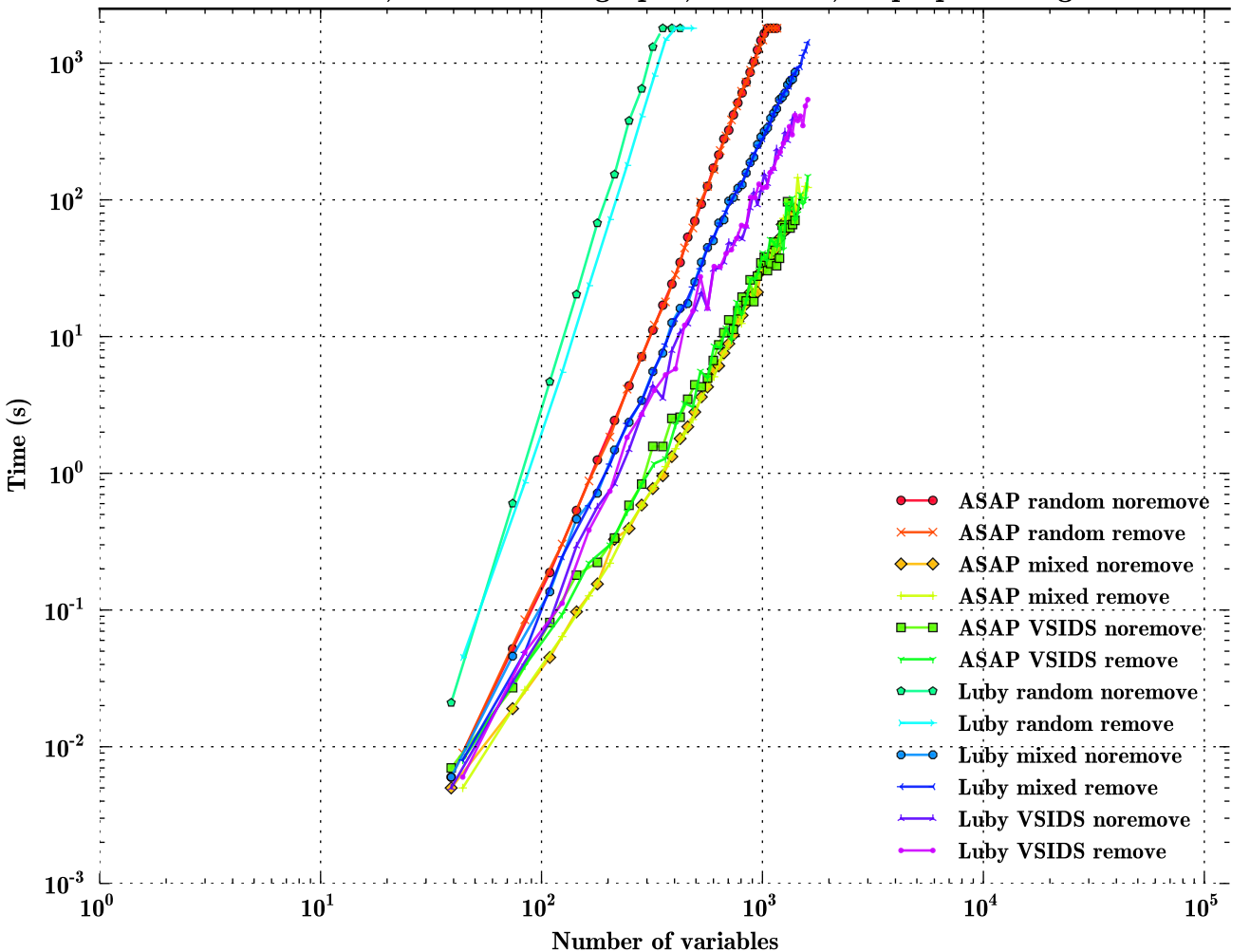
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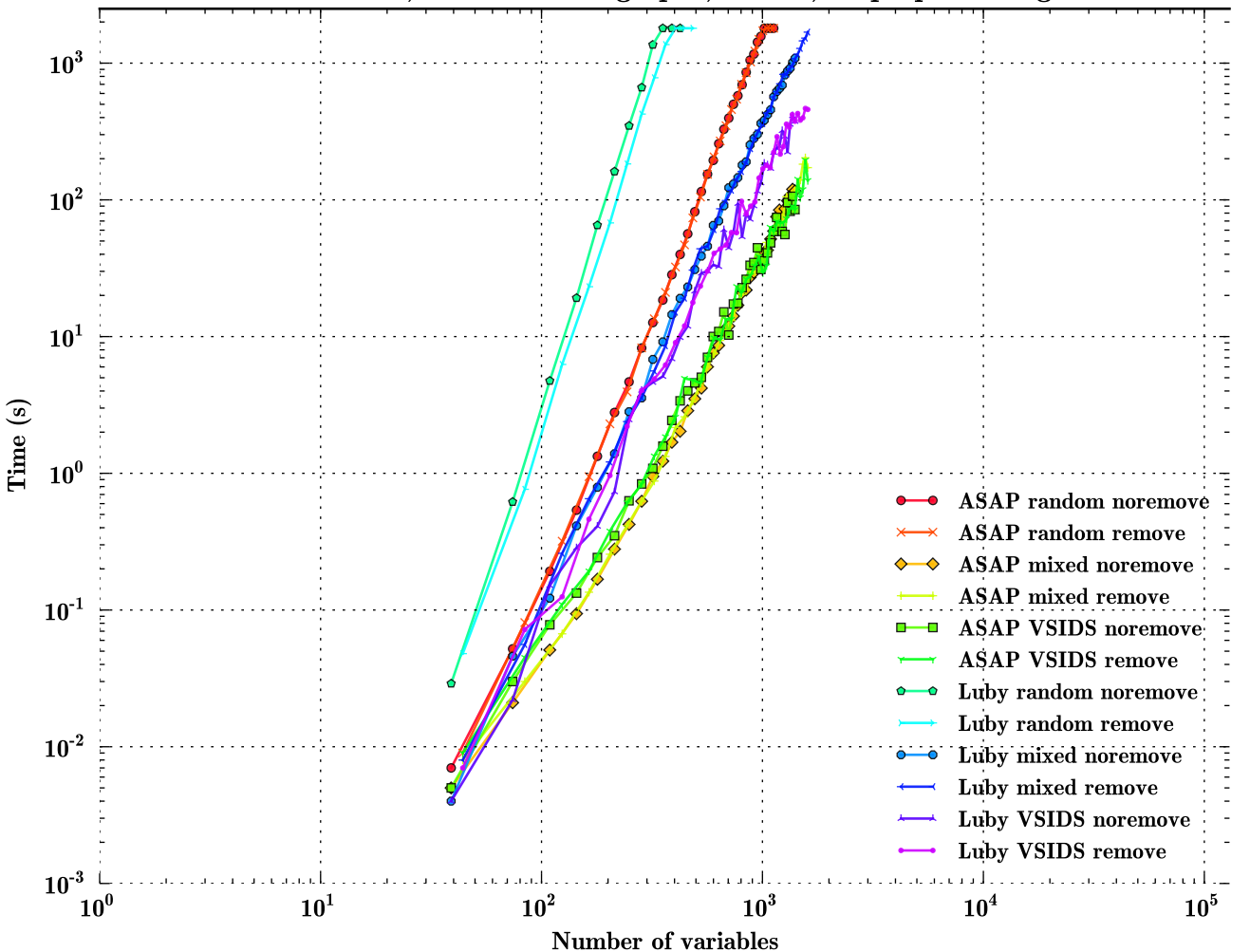
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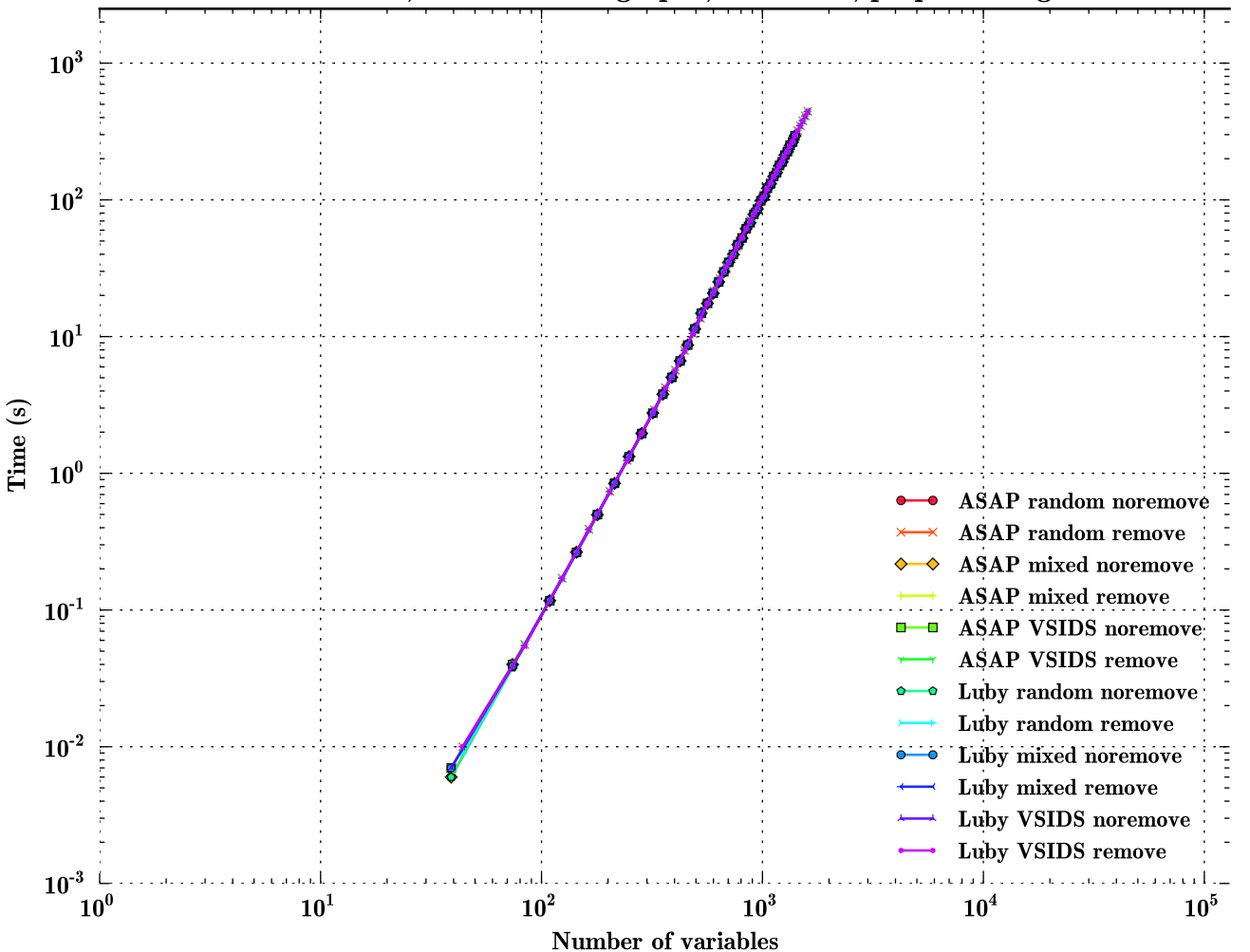
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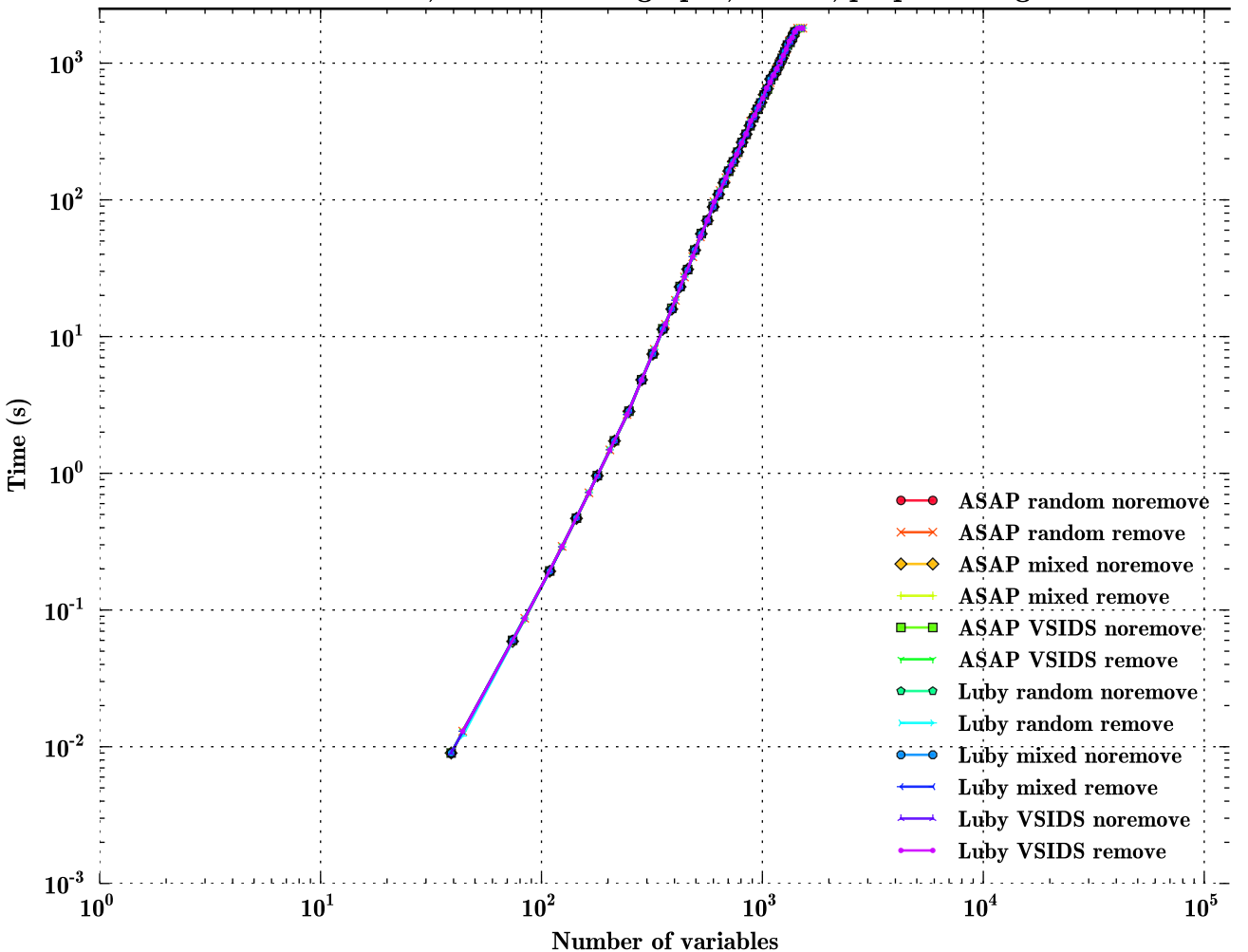
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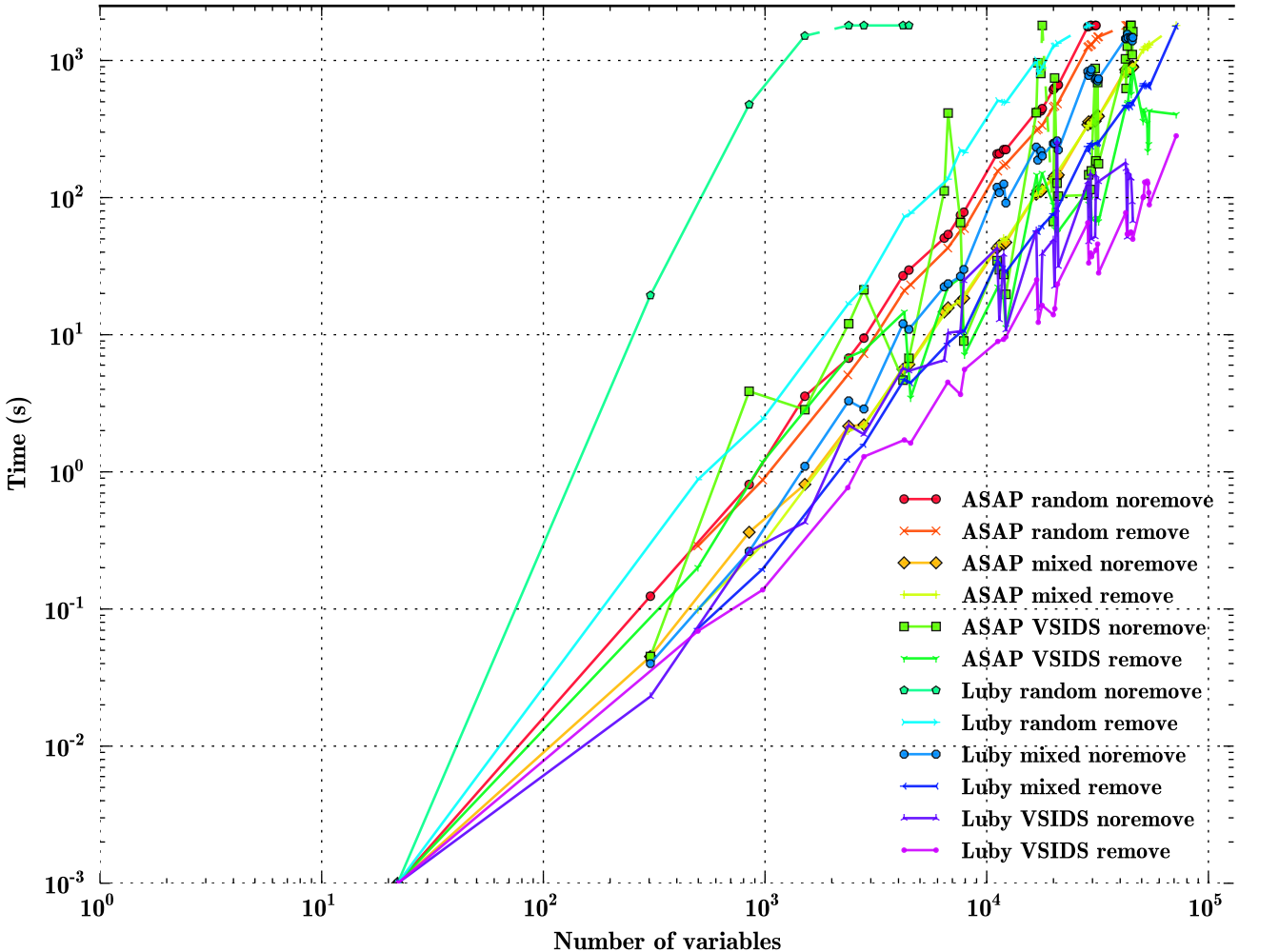
Pebbling formulas with substitution or of arity 2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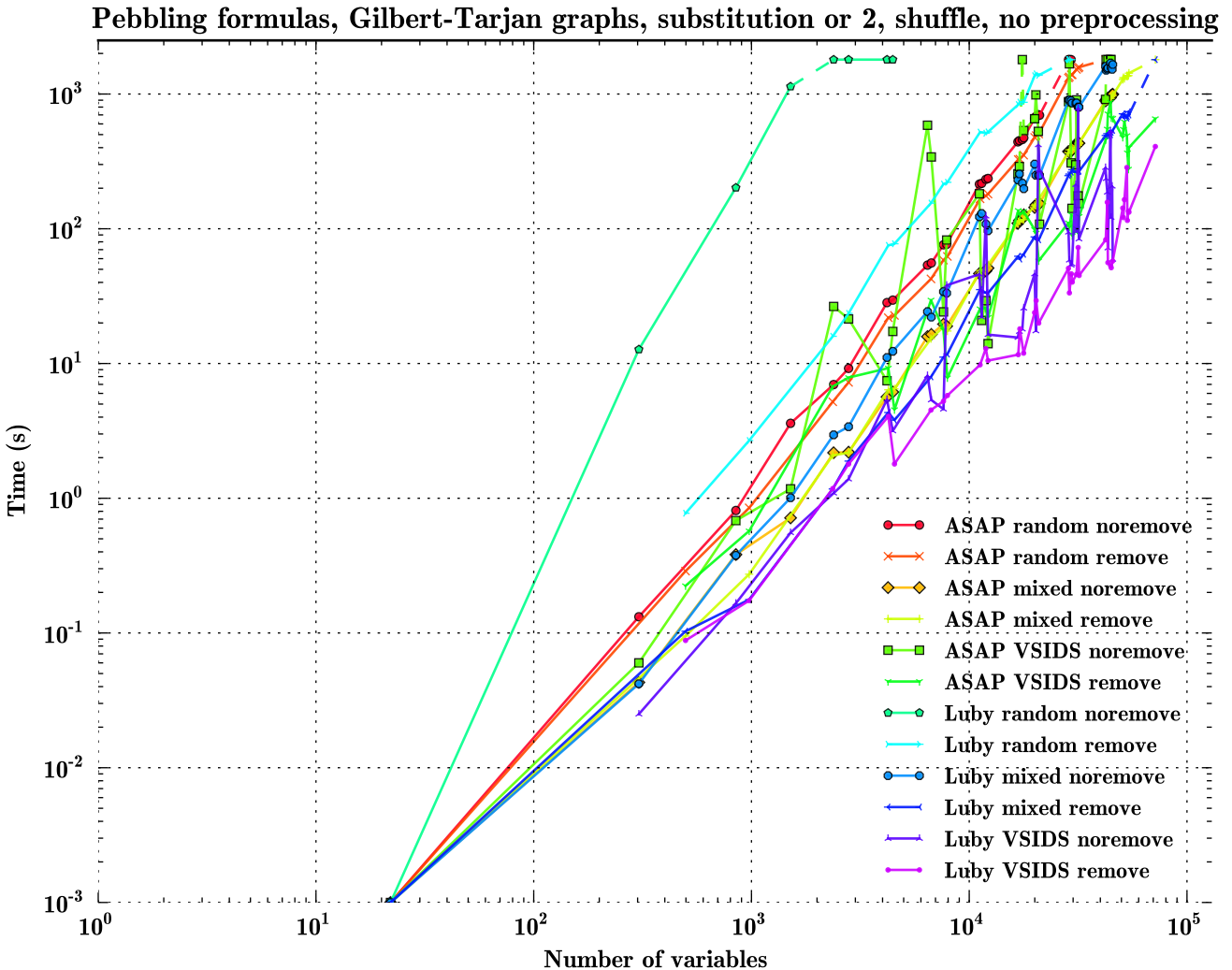
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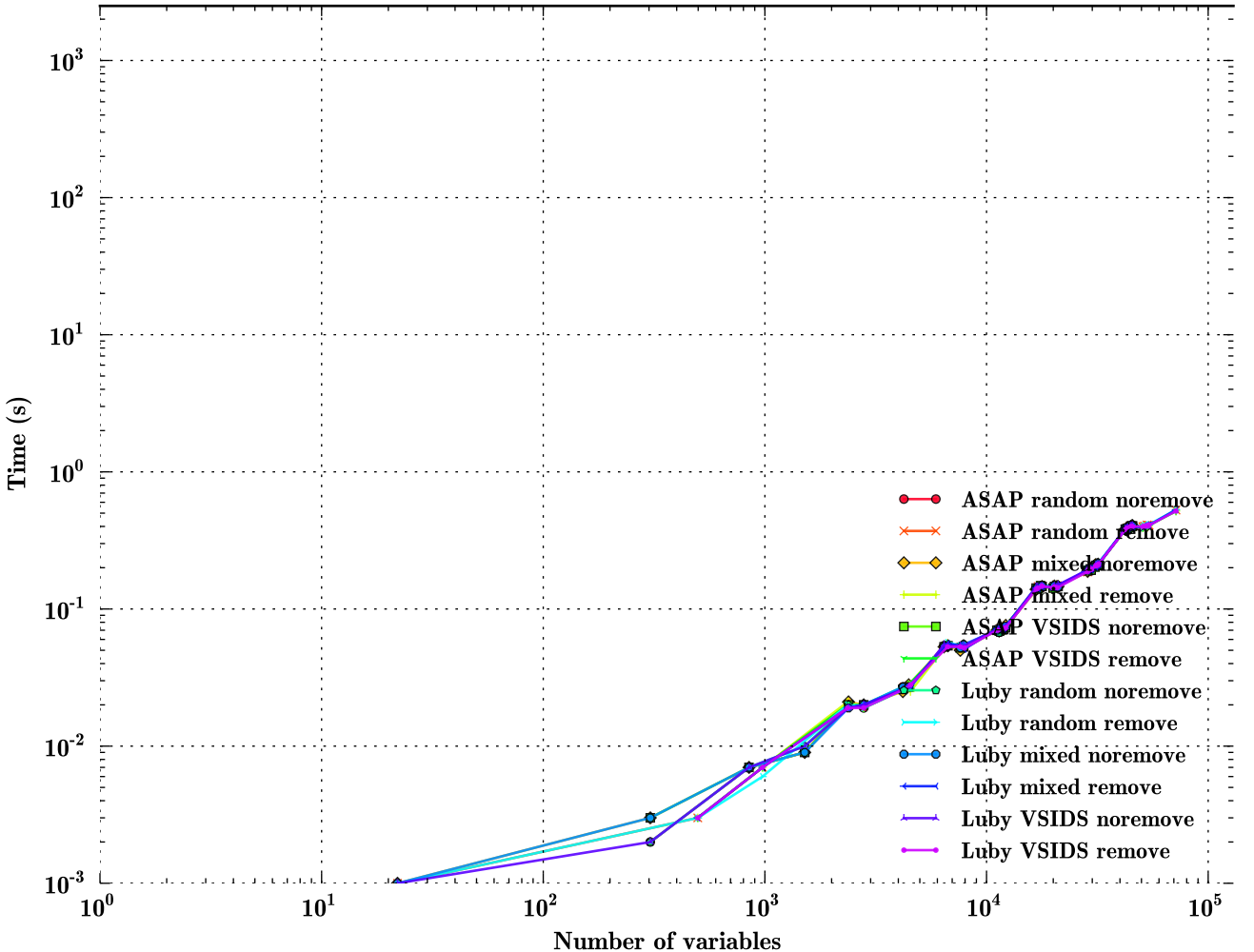
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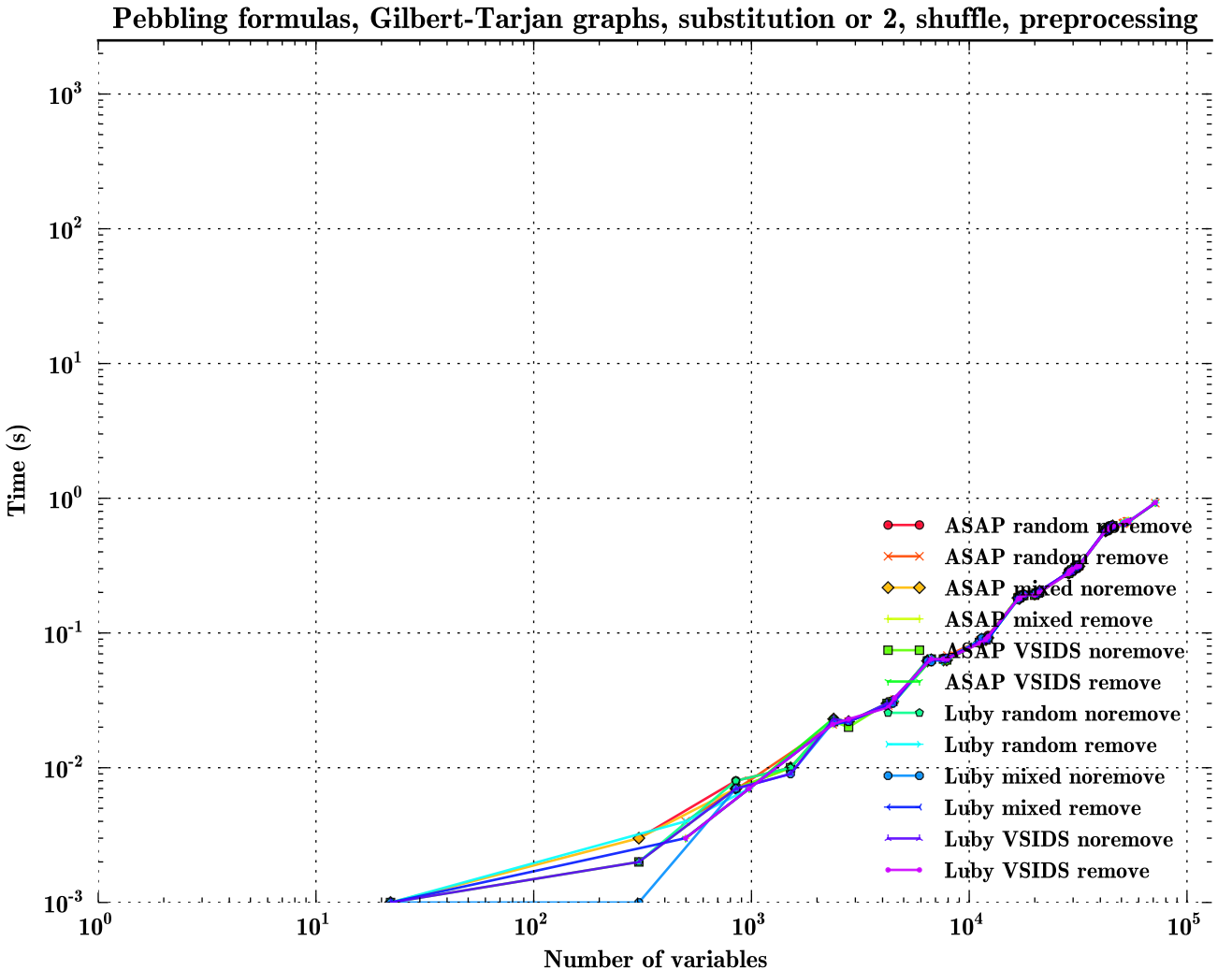
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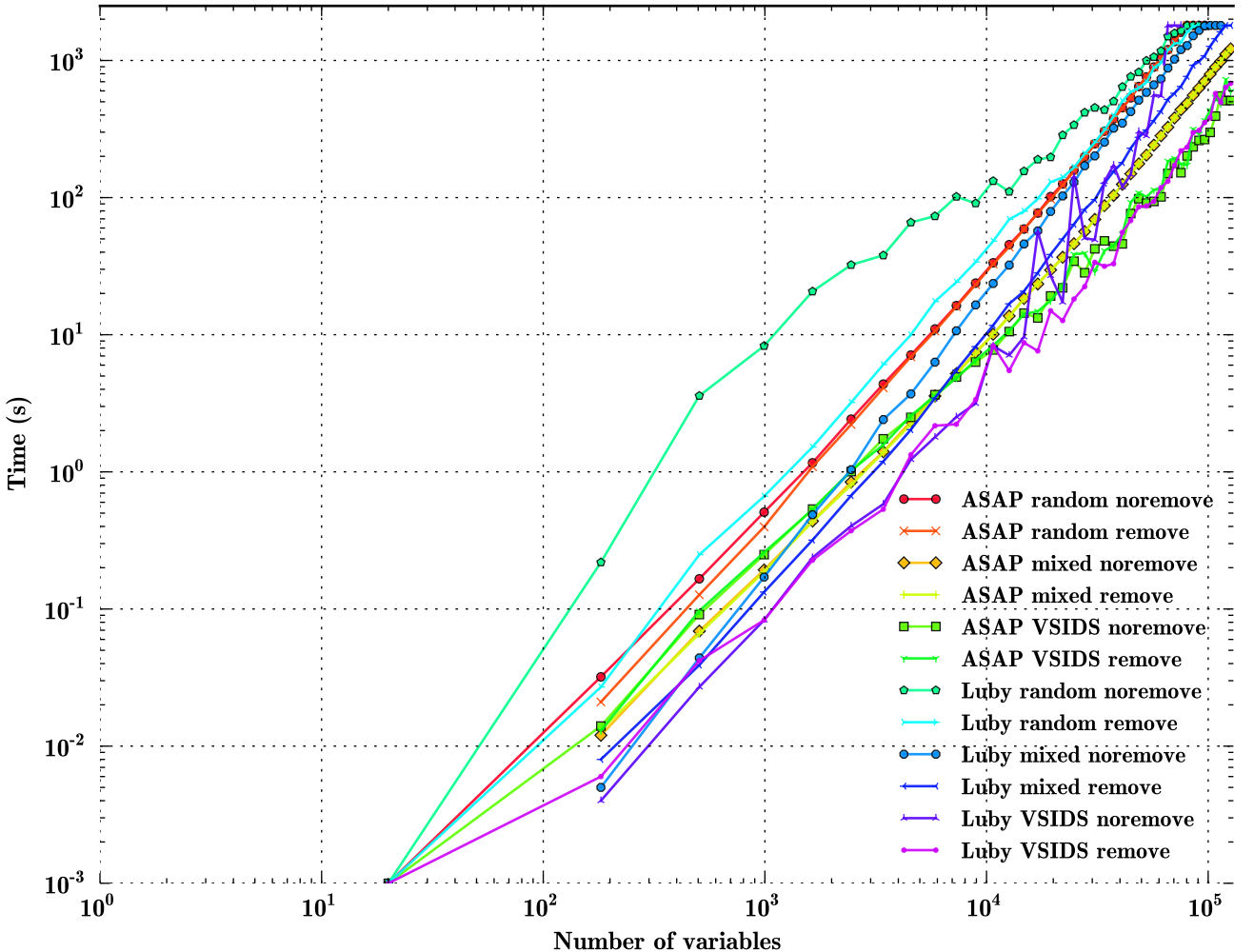
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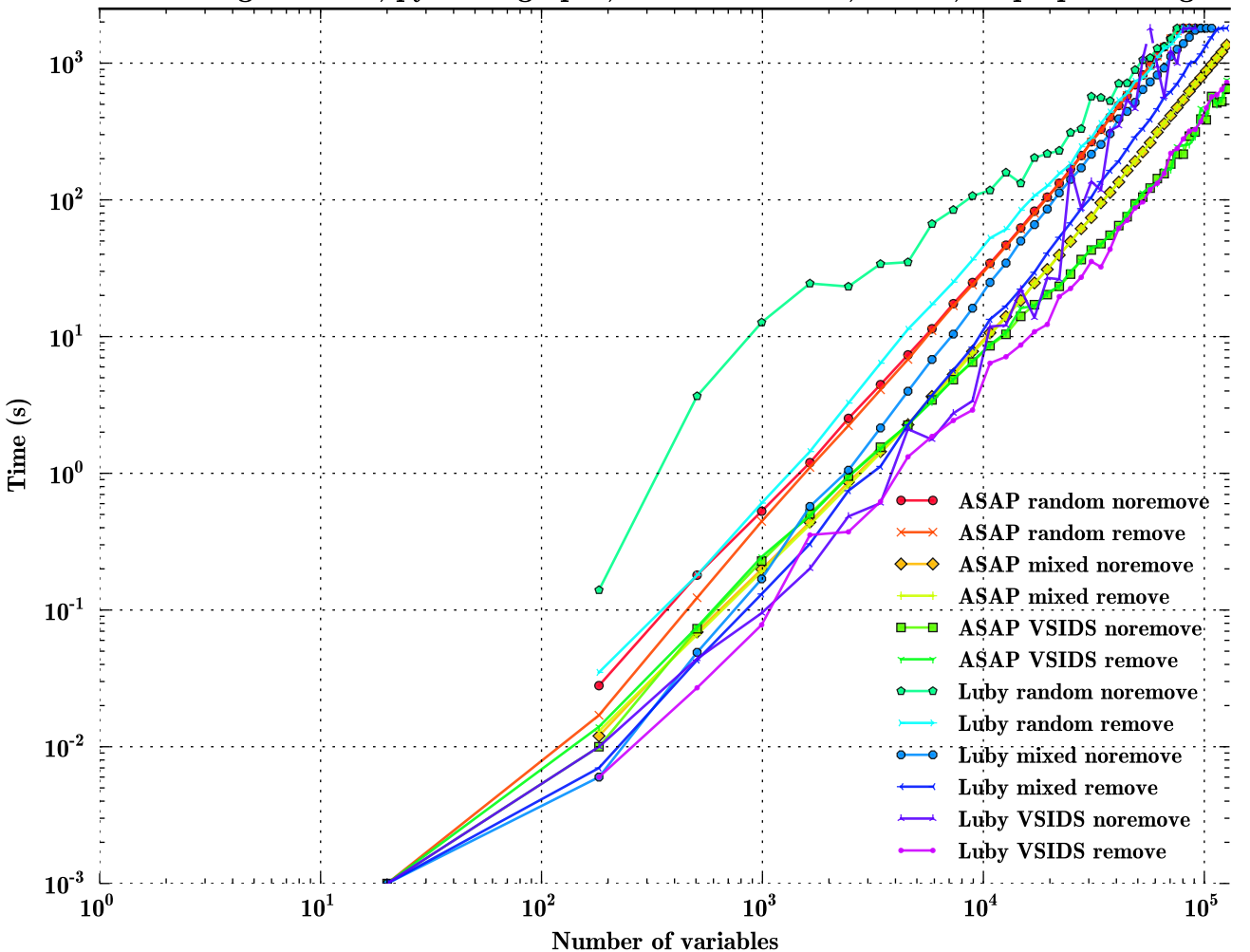
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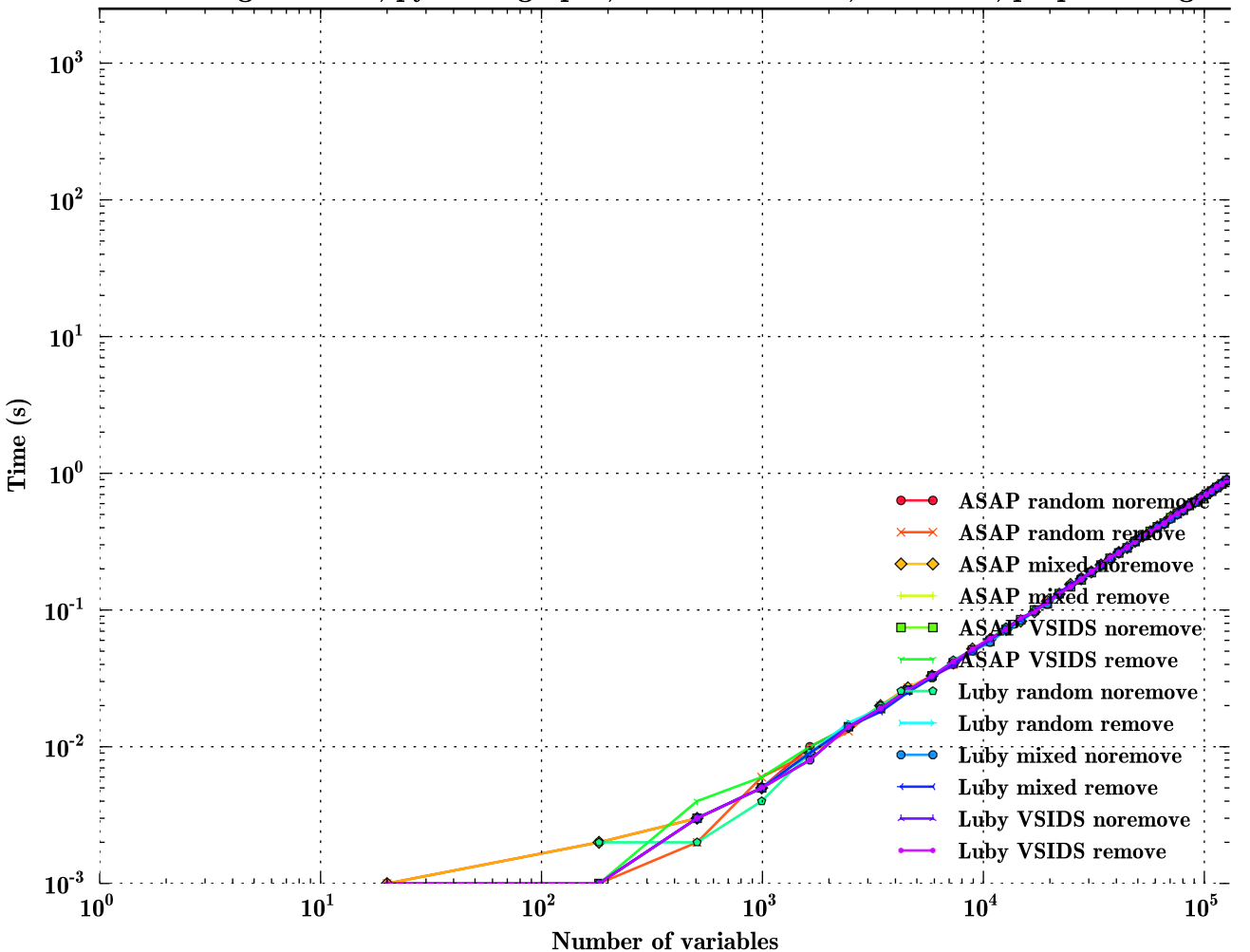
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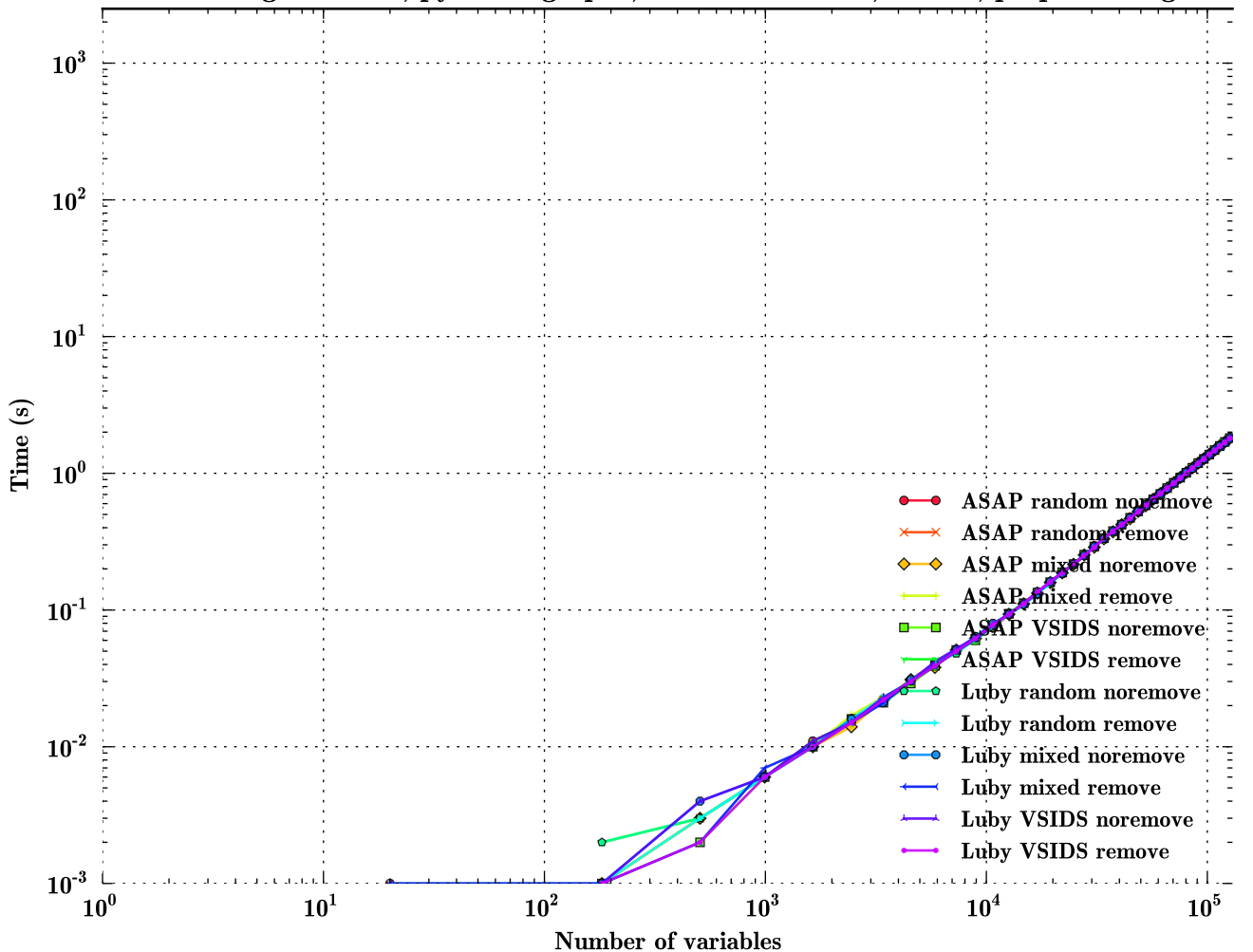
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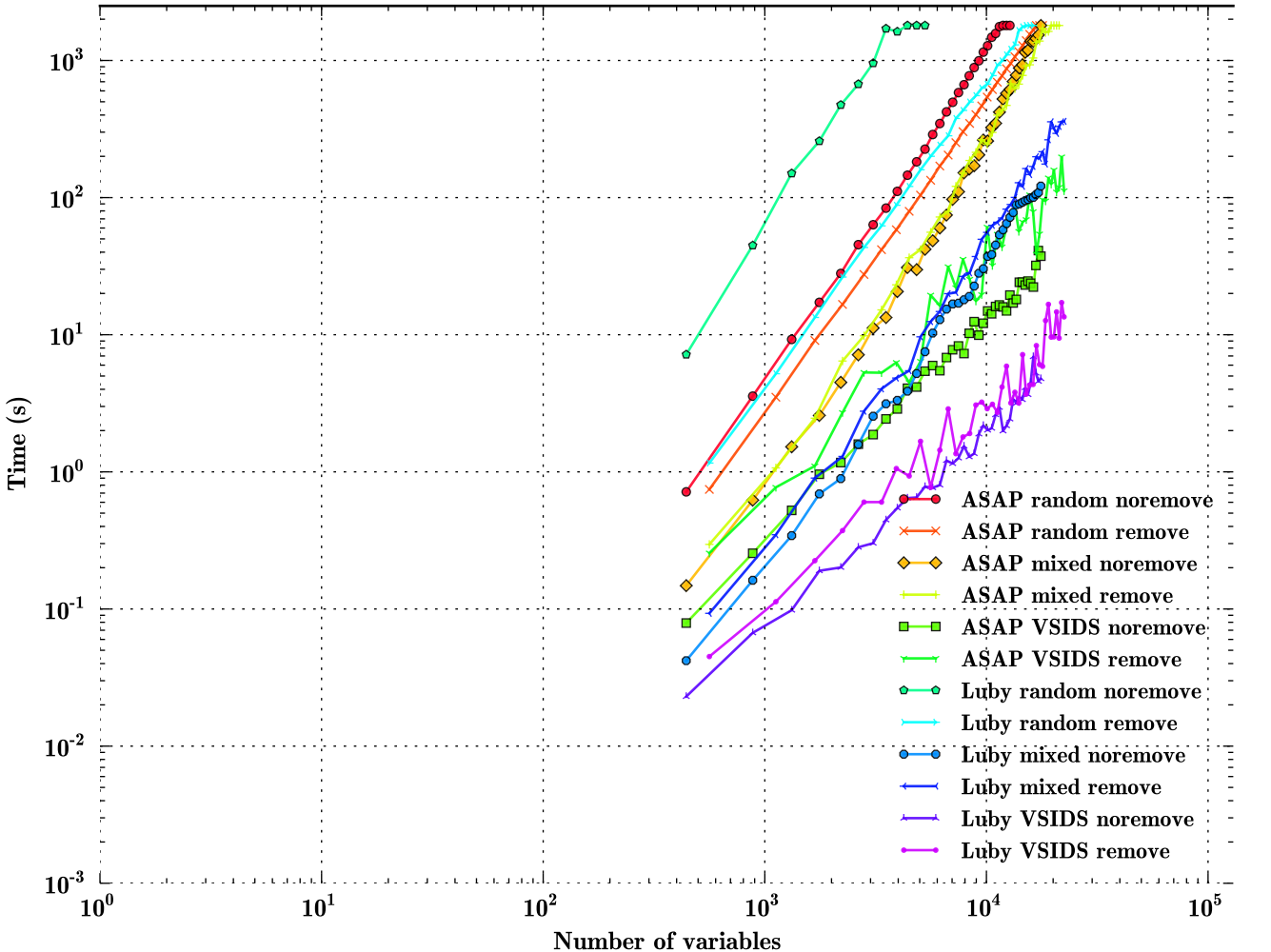
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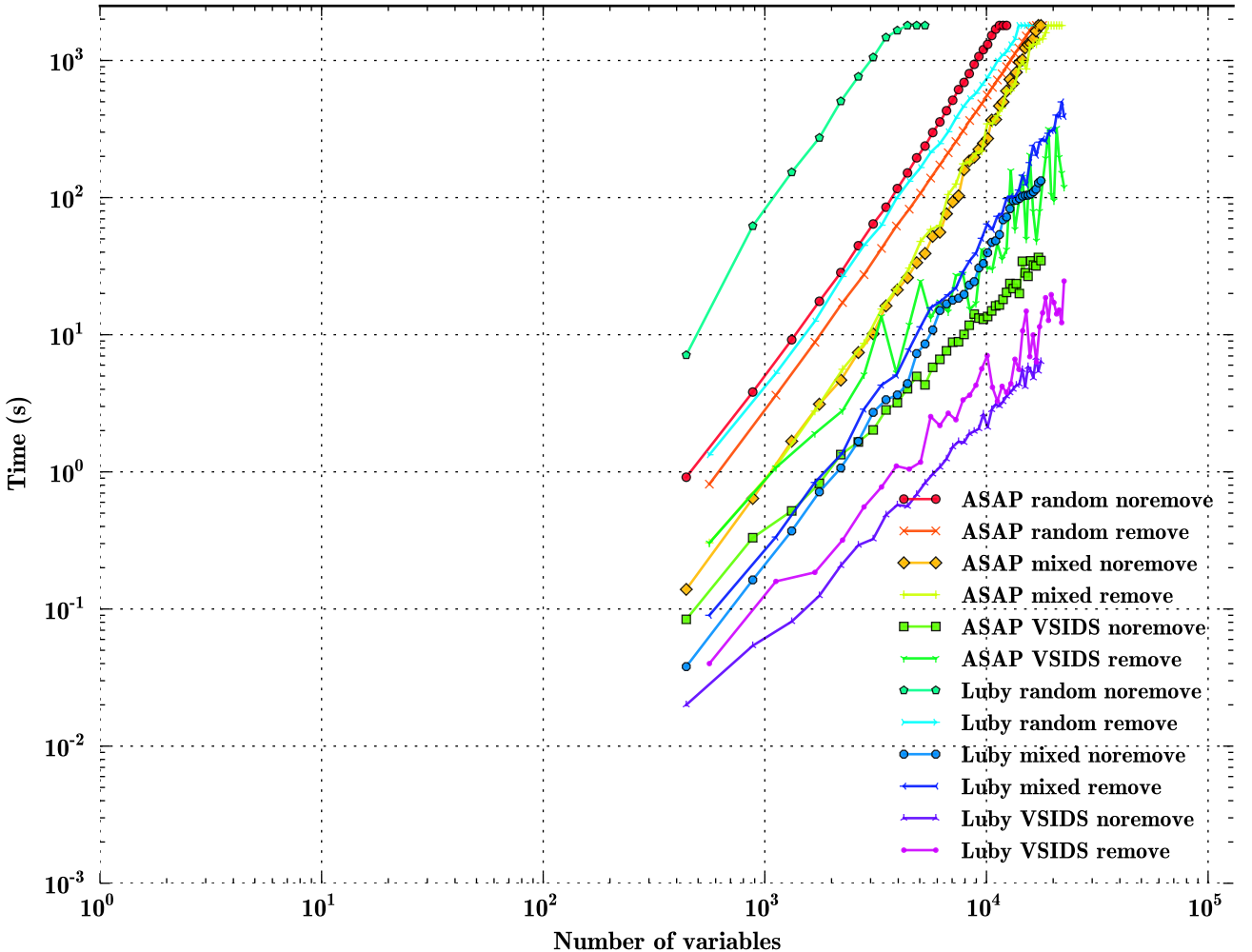
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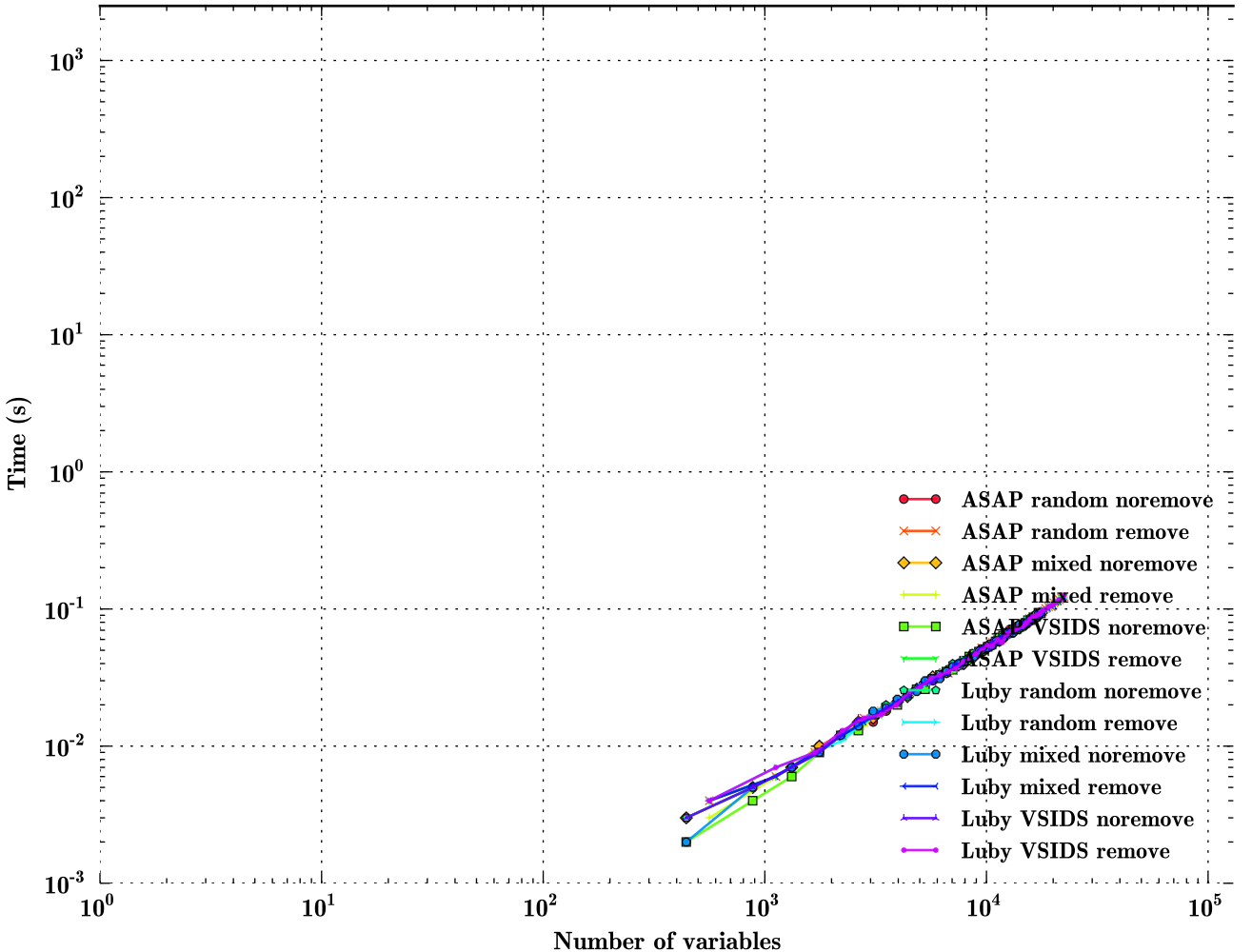
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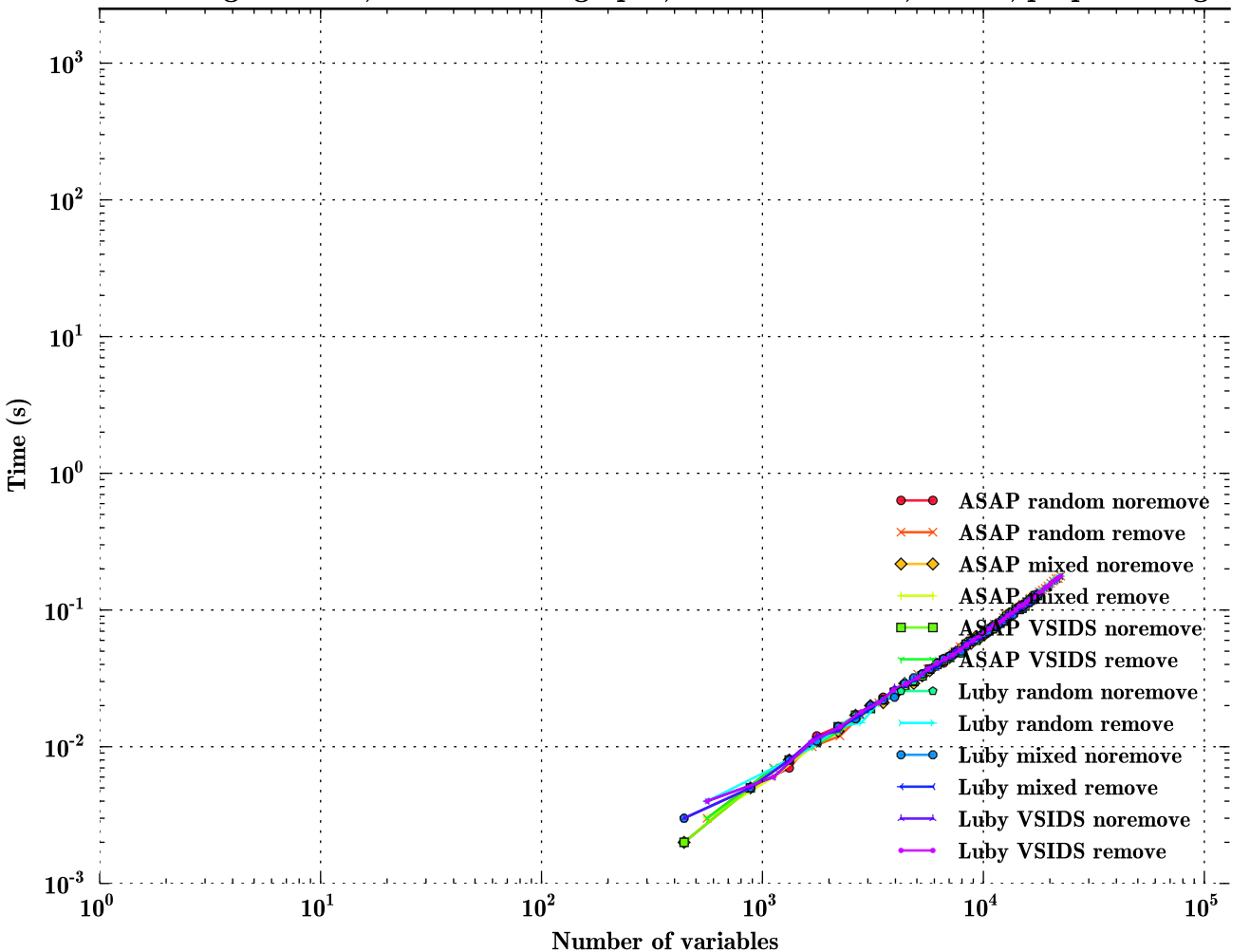
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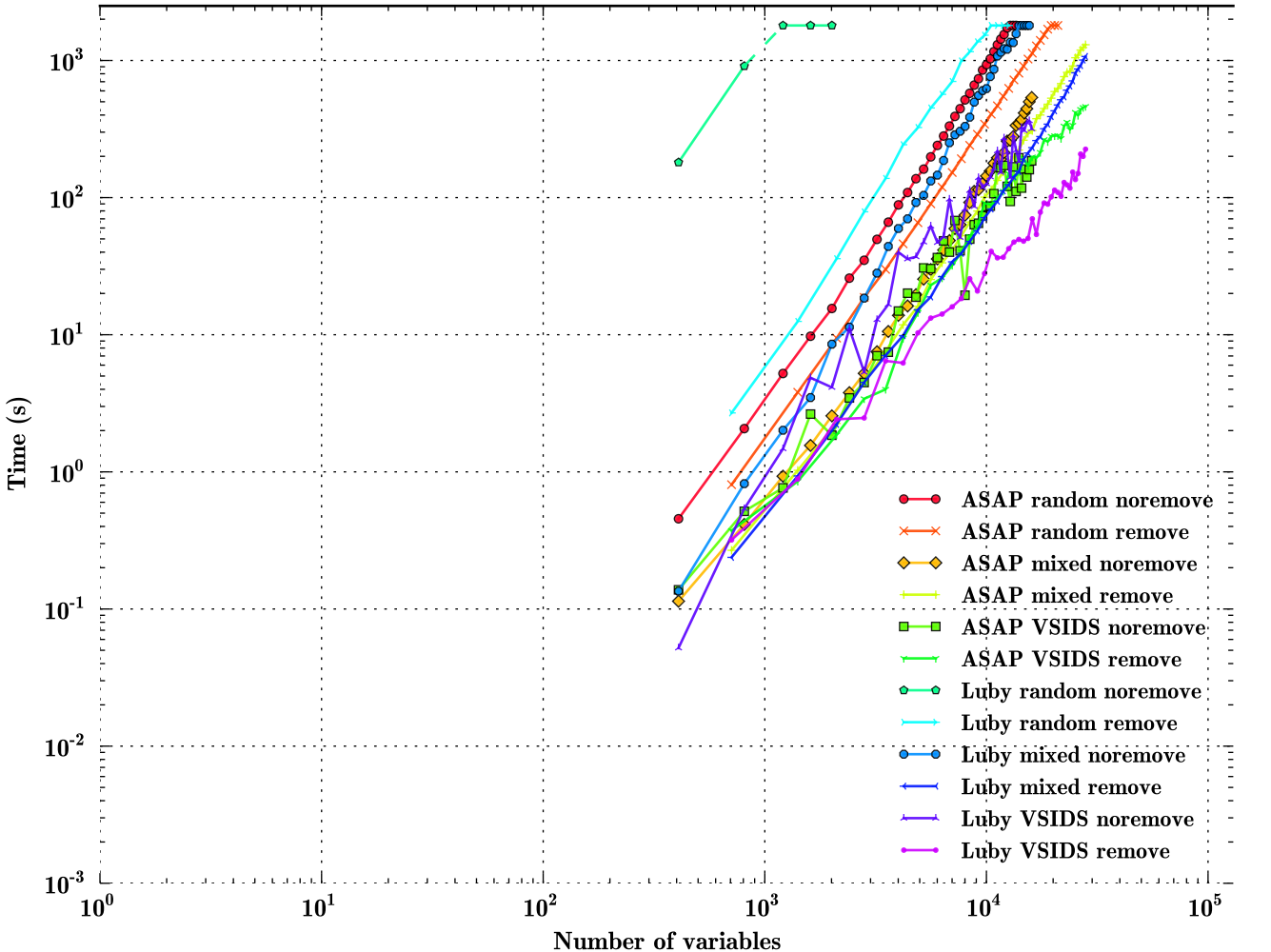
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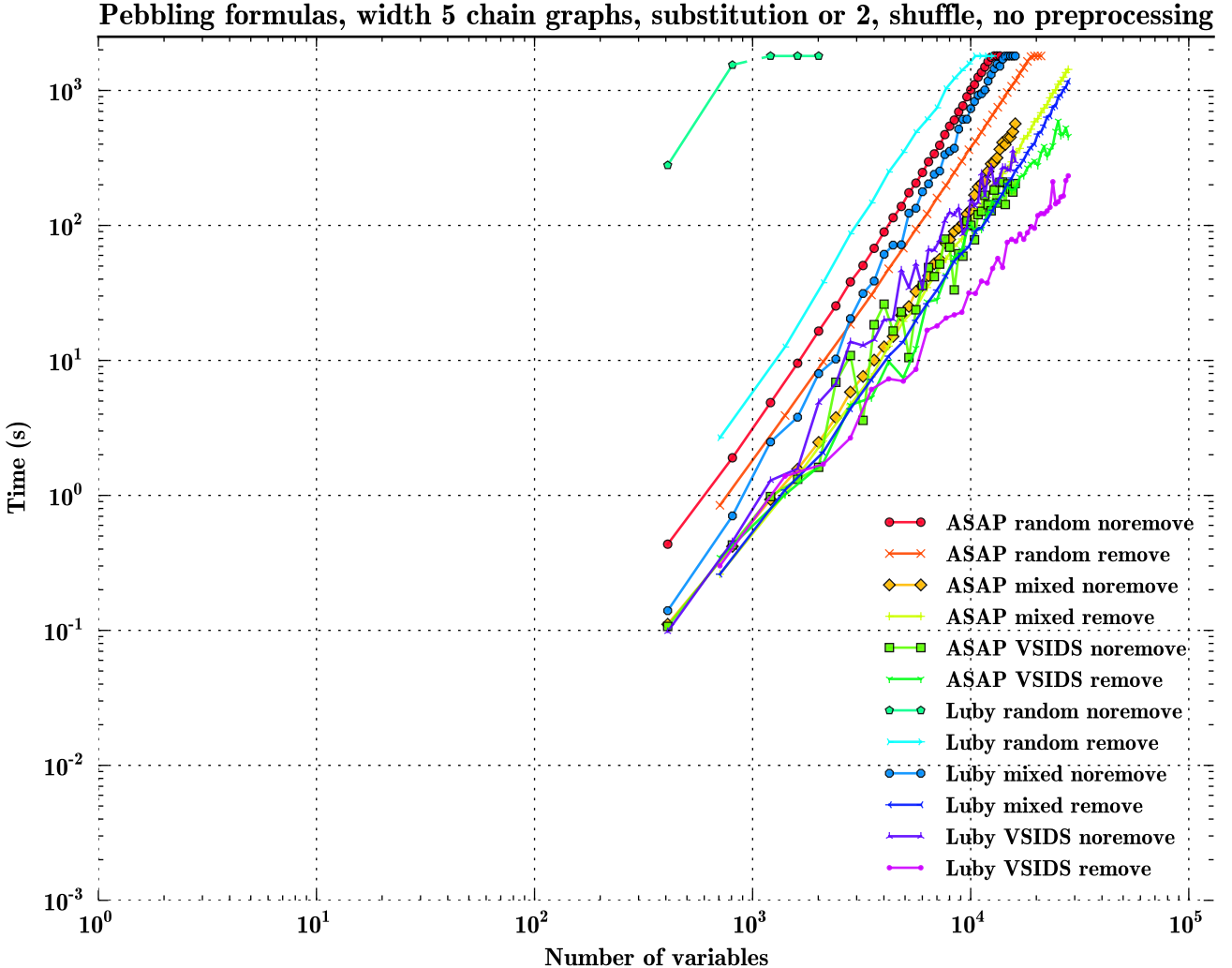
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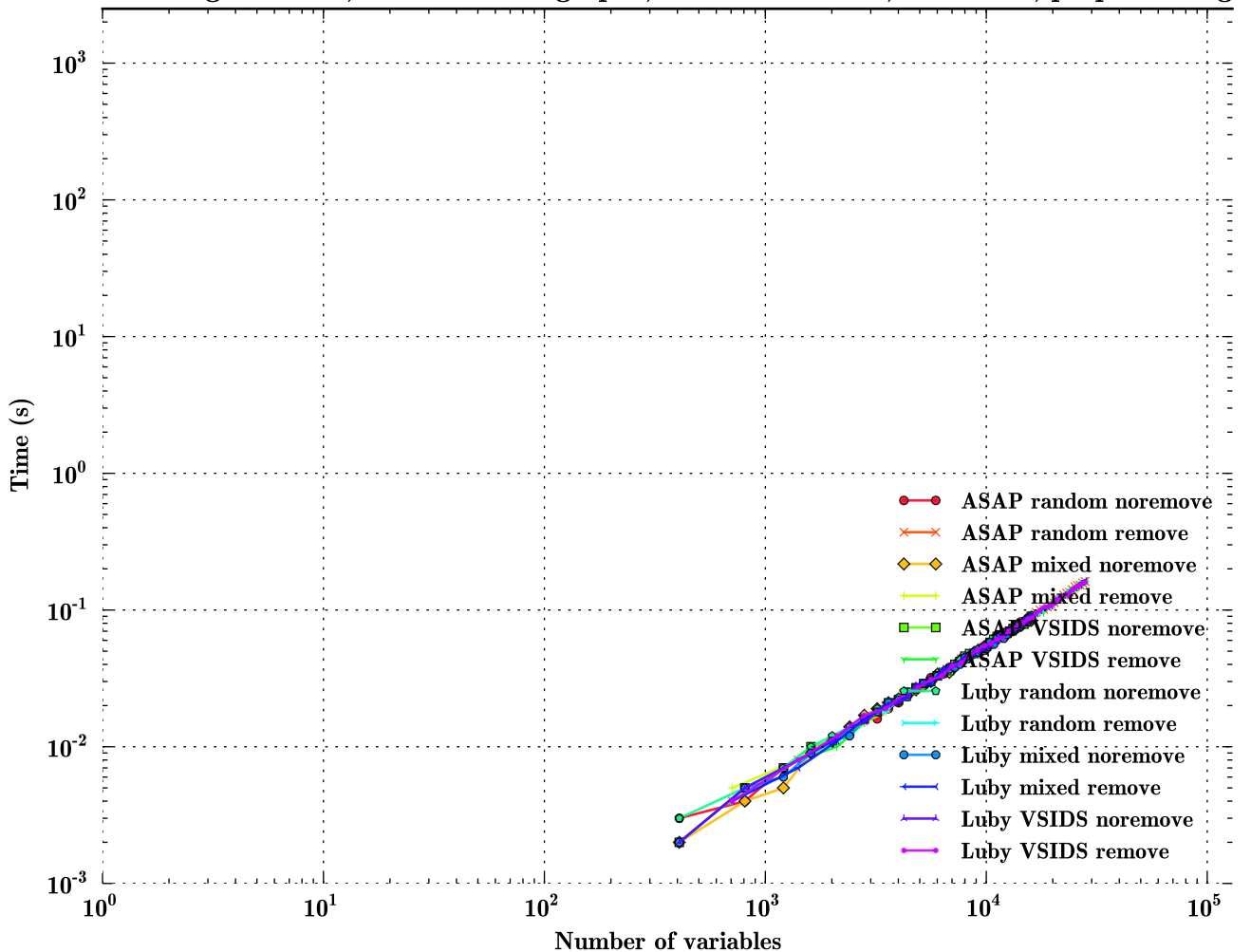
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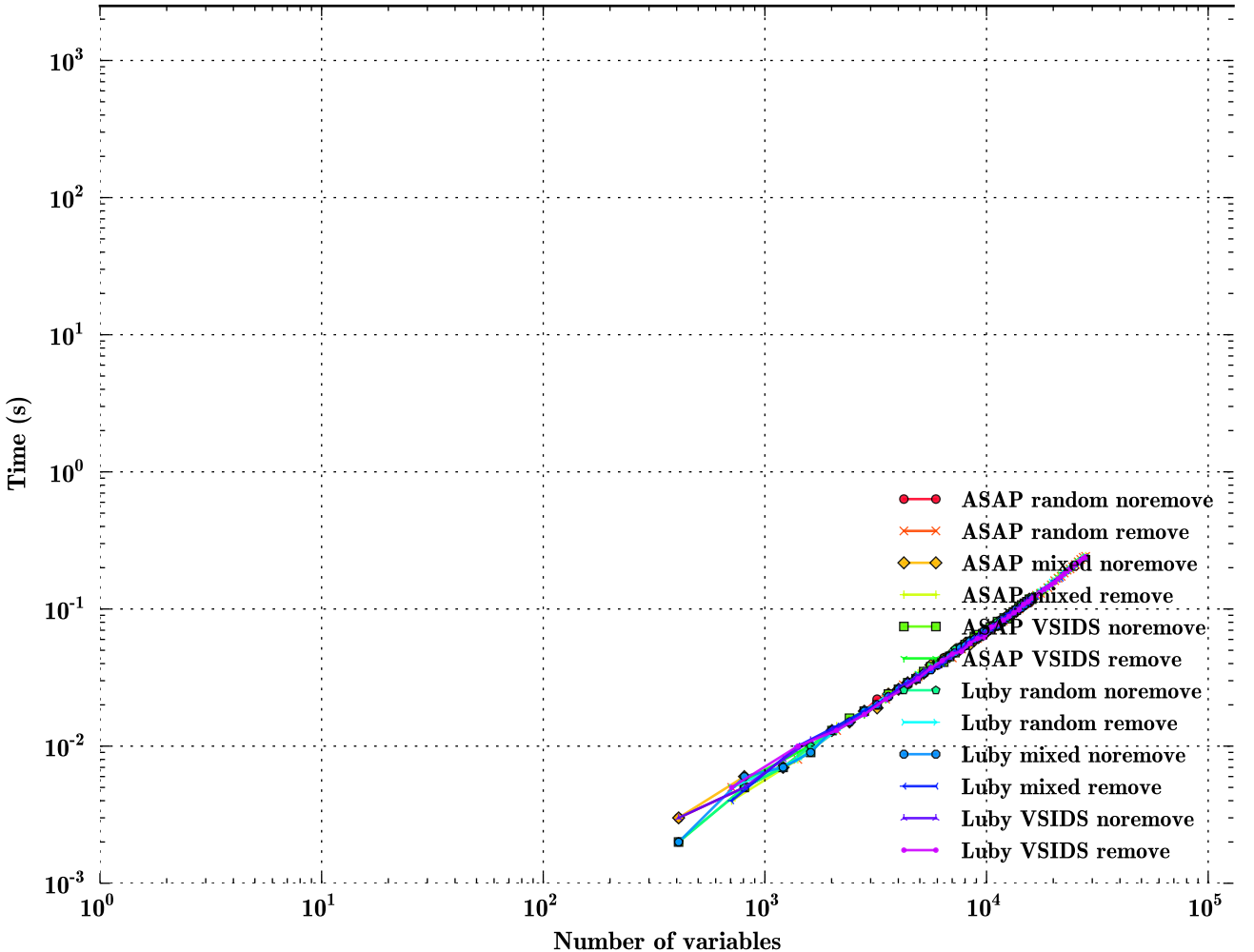
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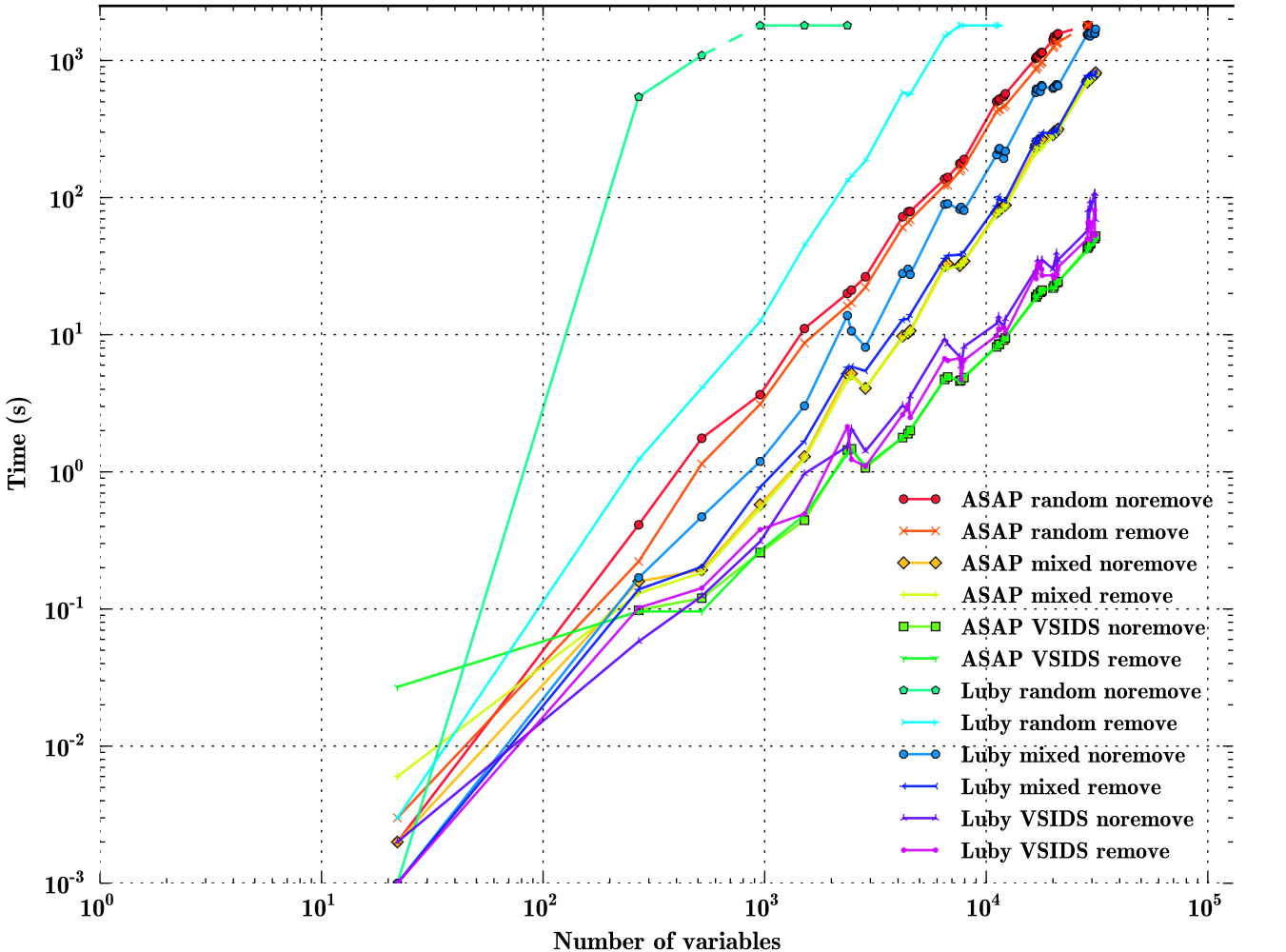
Pebbling formulas with substitution xor of arity 2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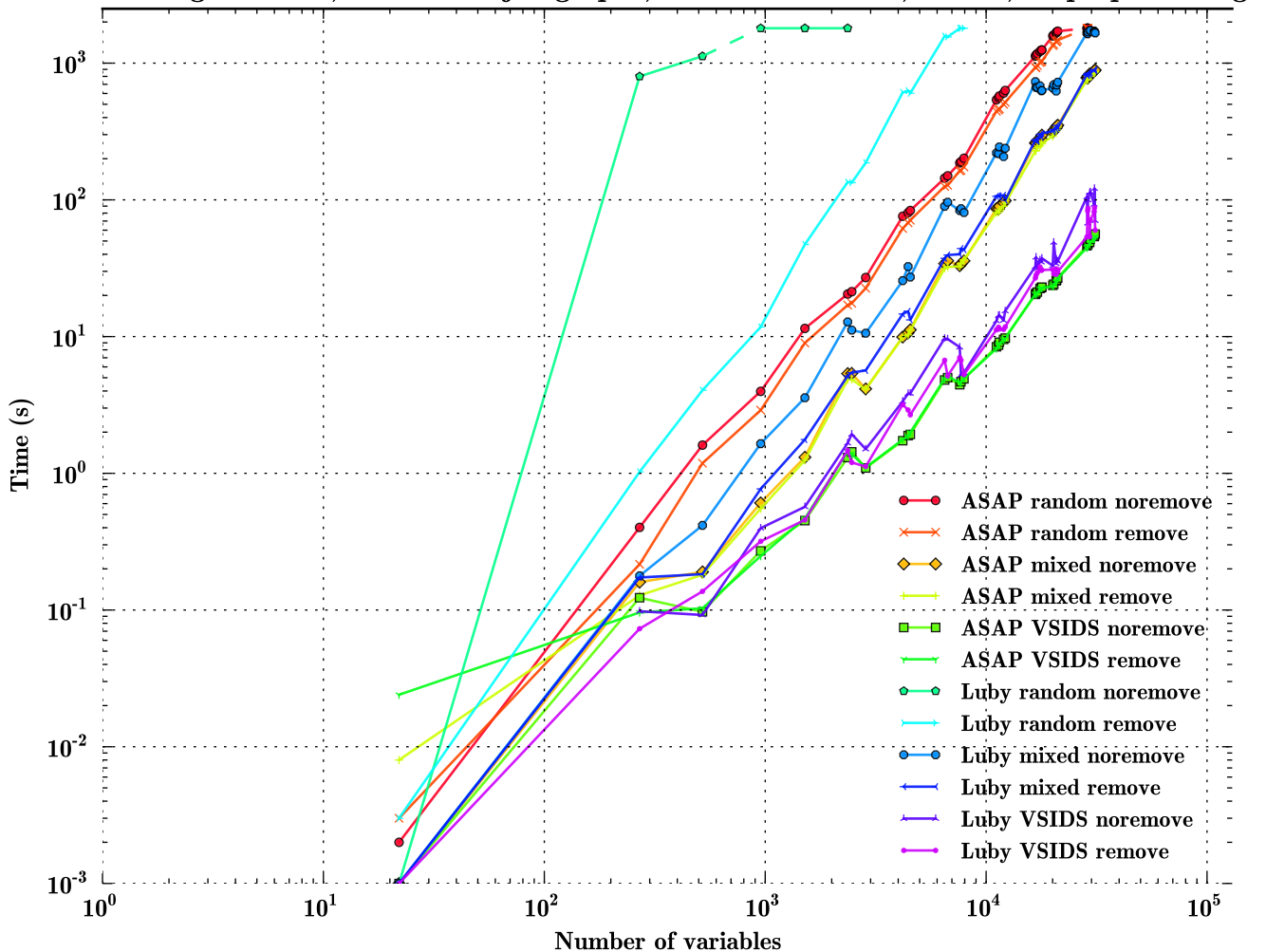
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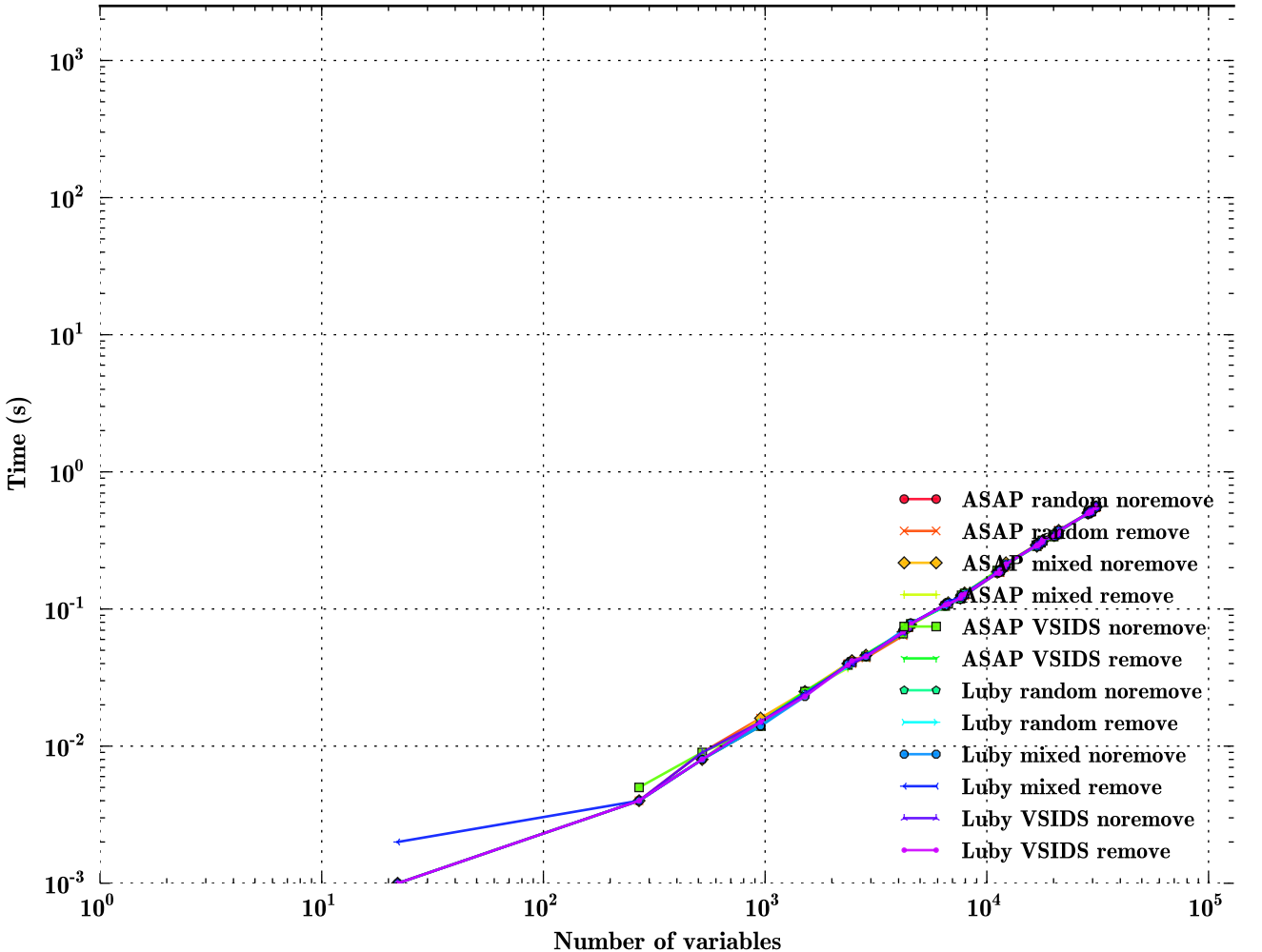
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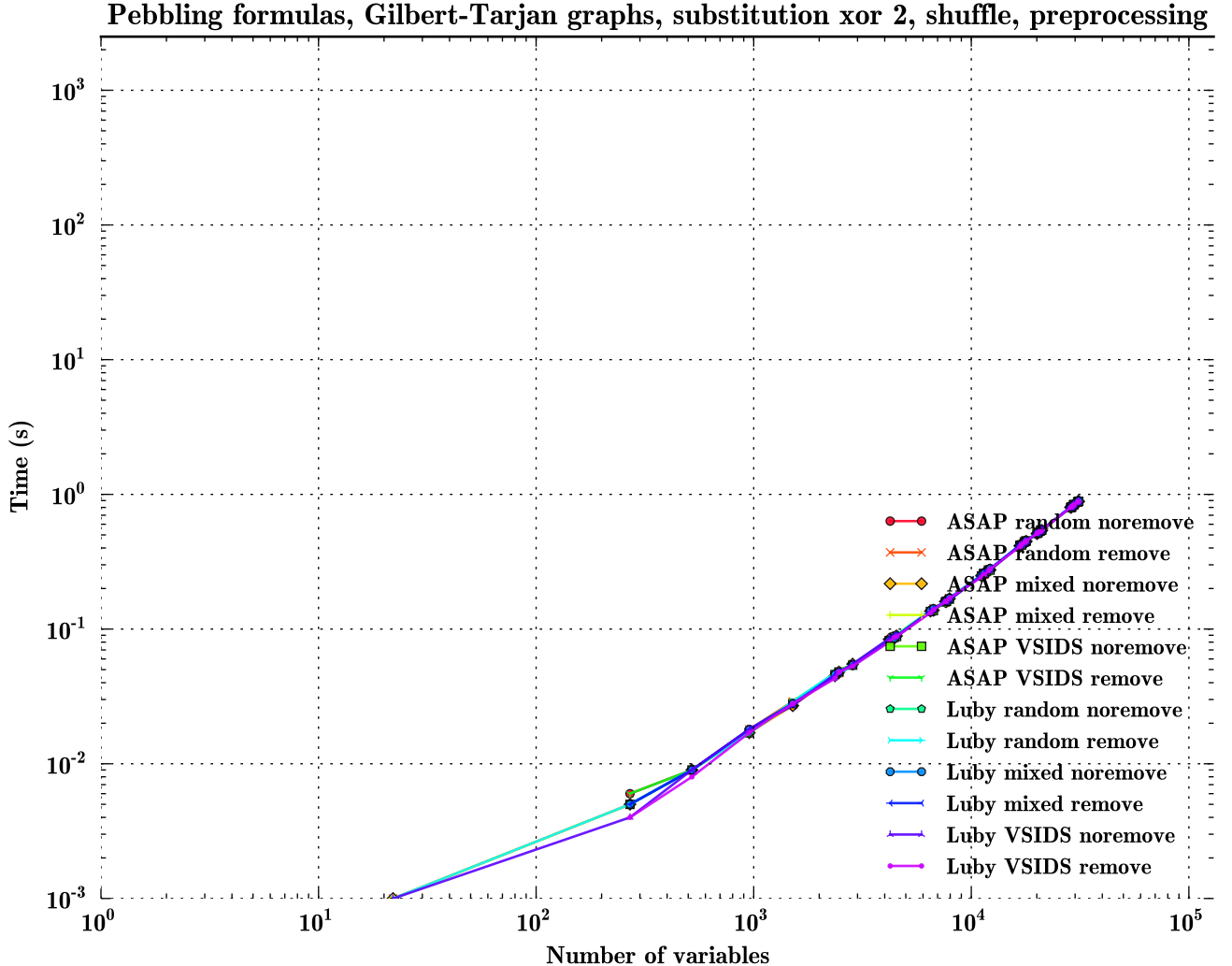
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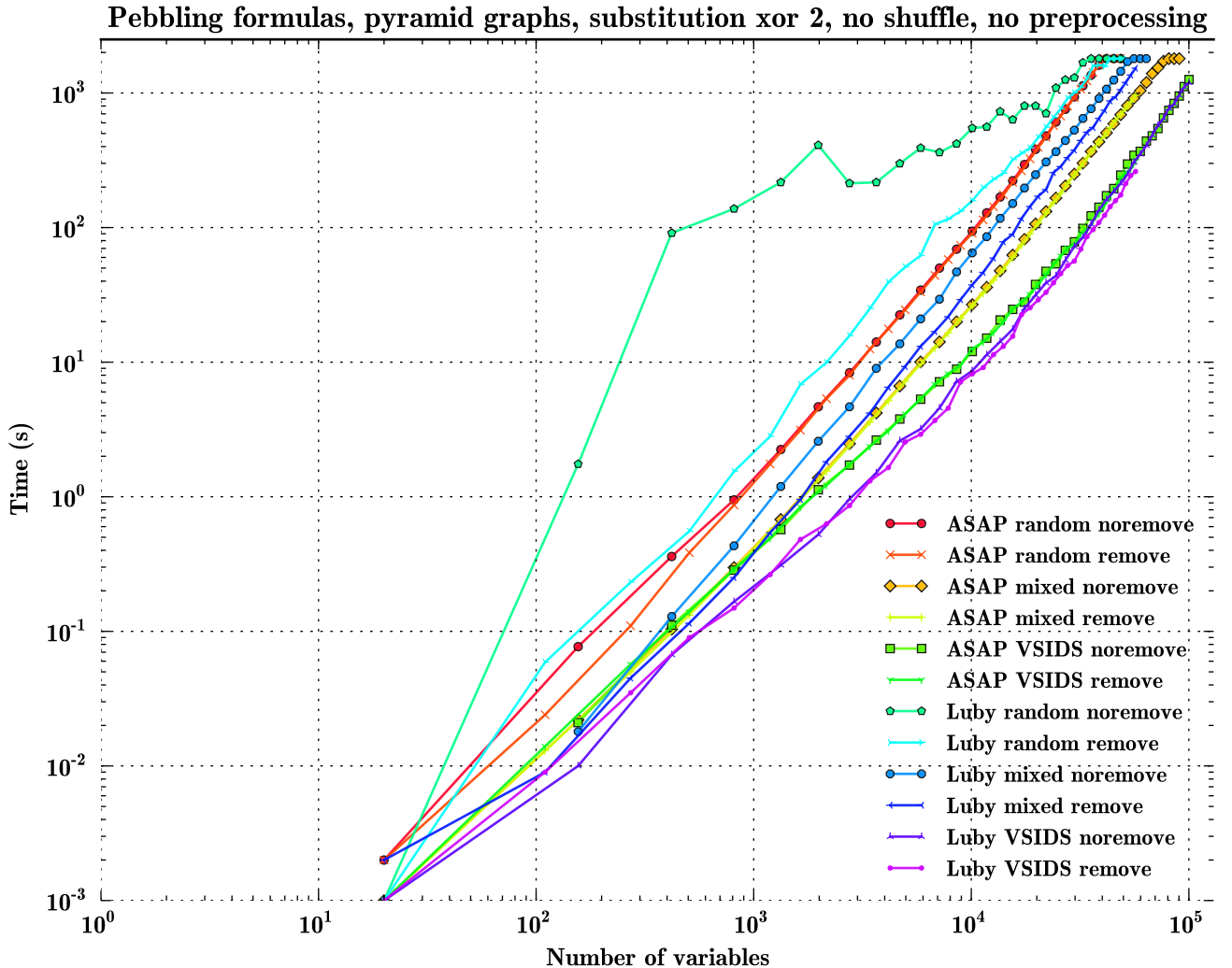
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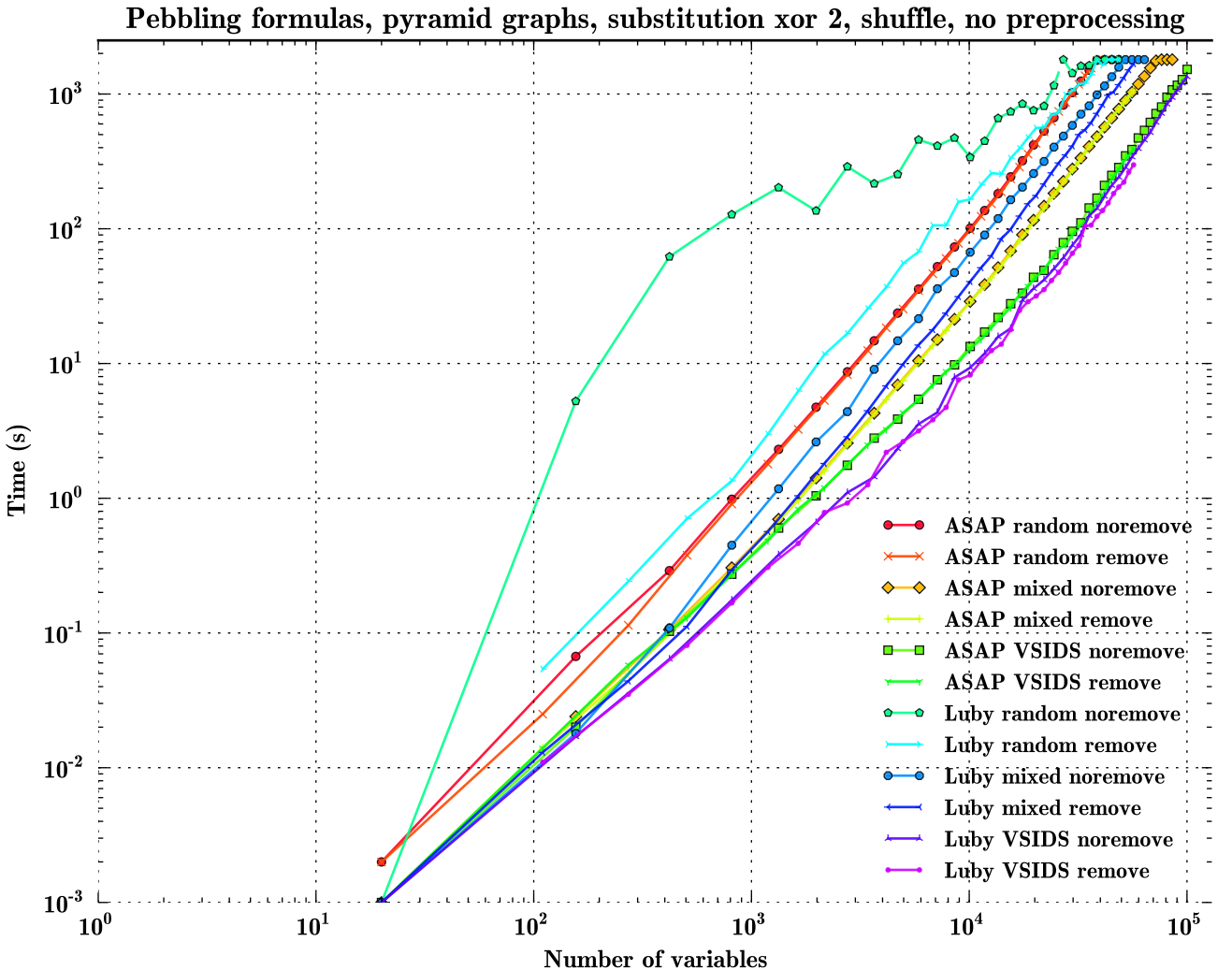
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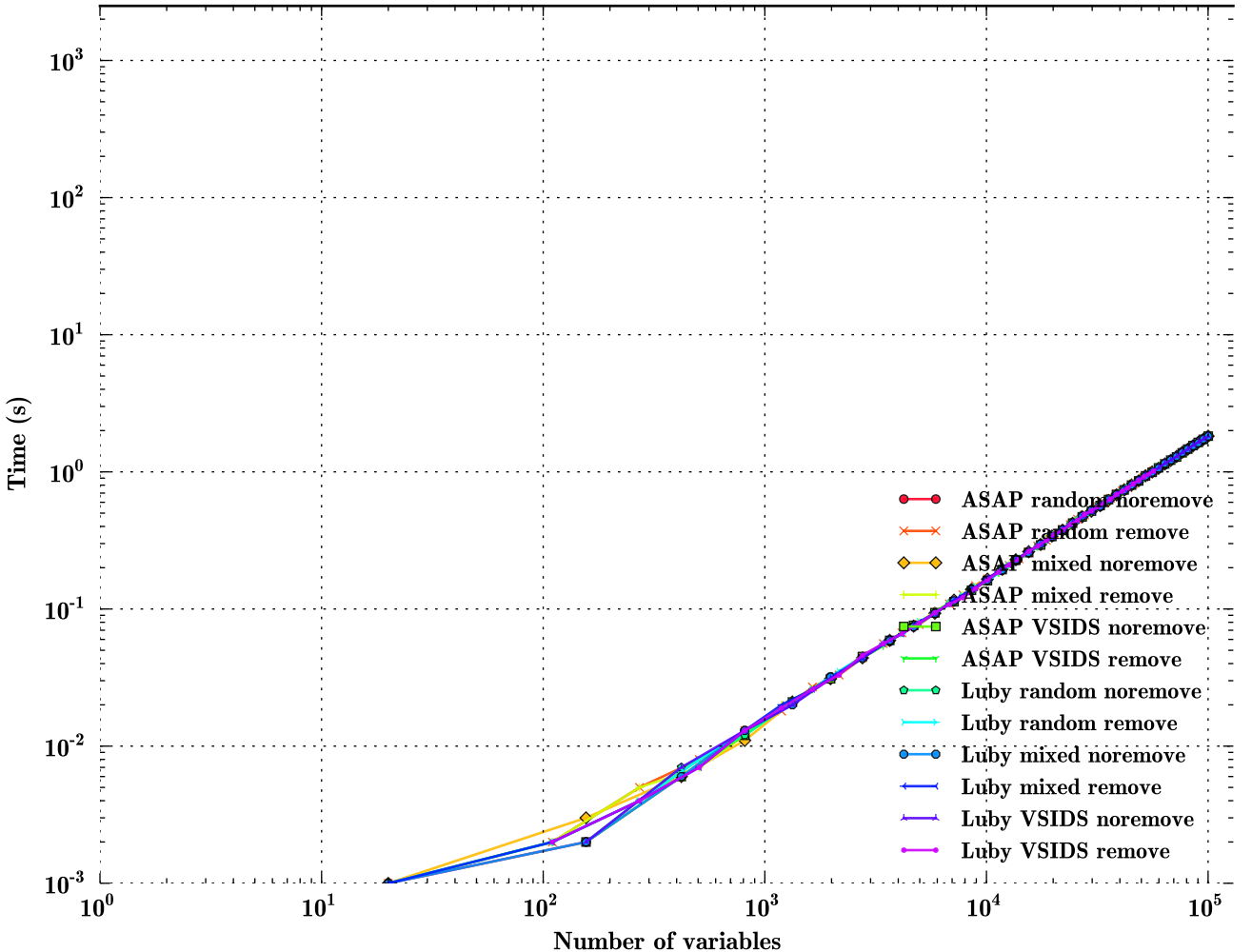
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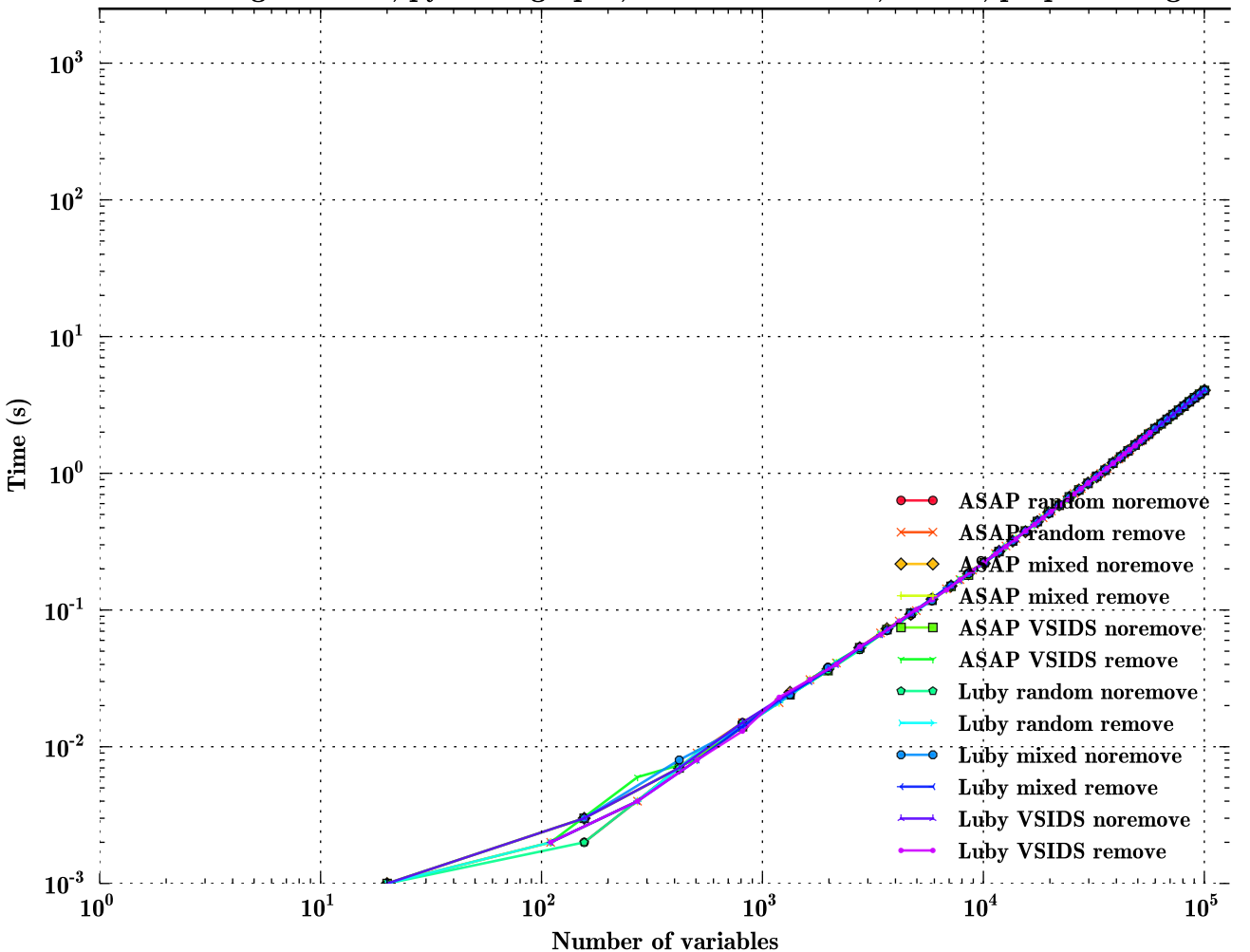
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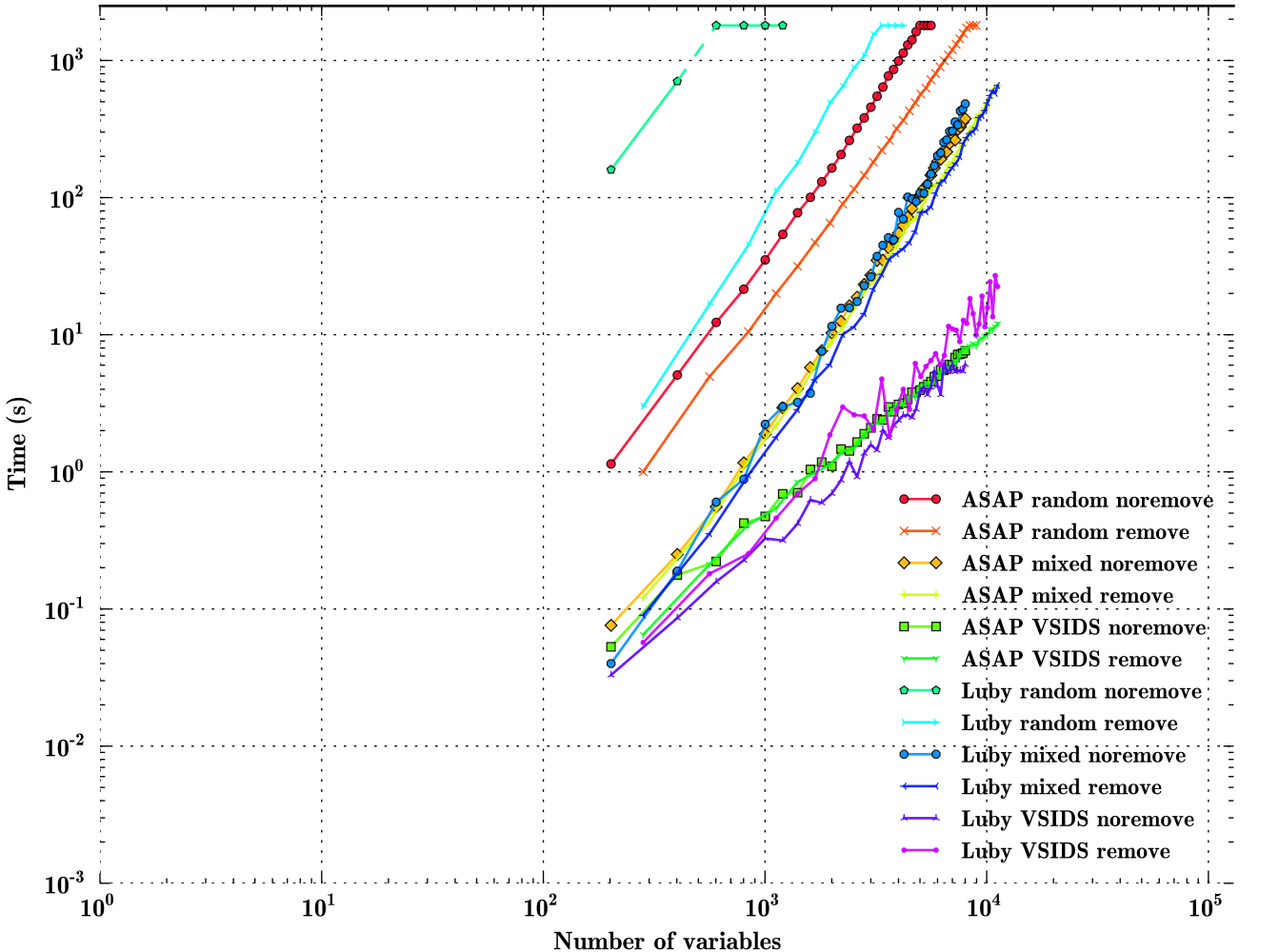
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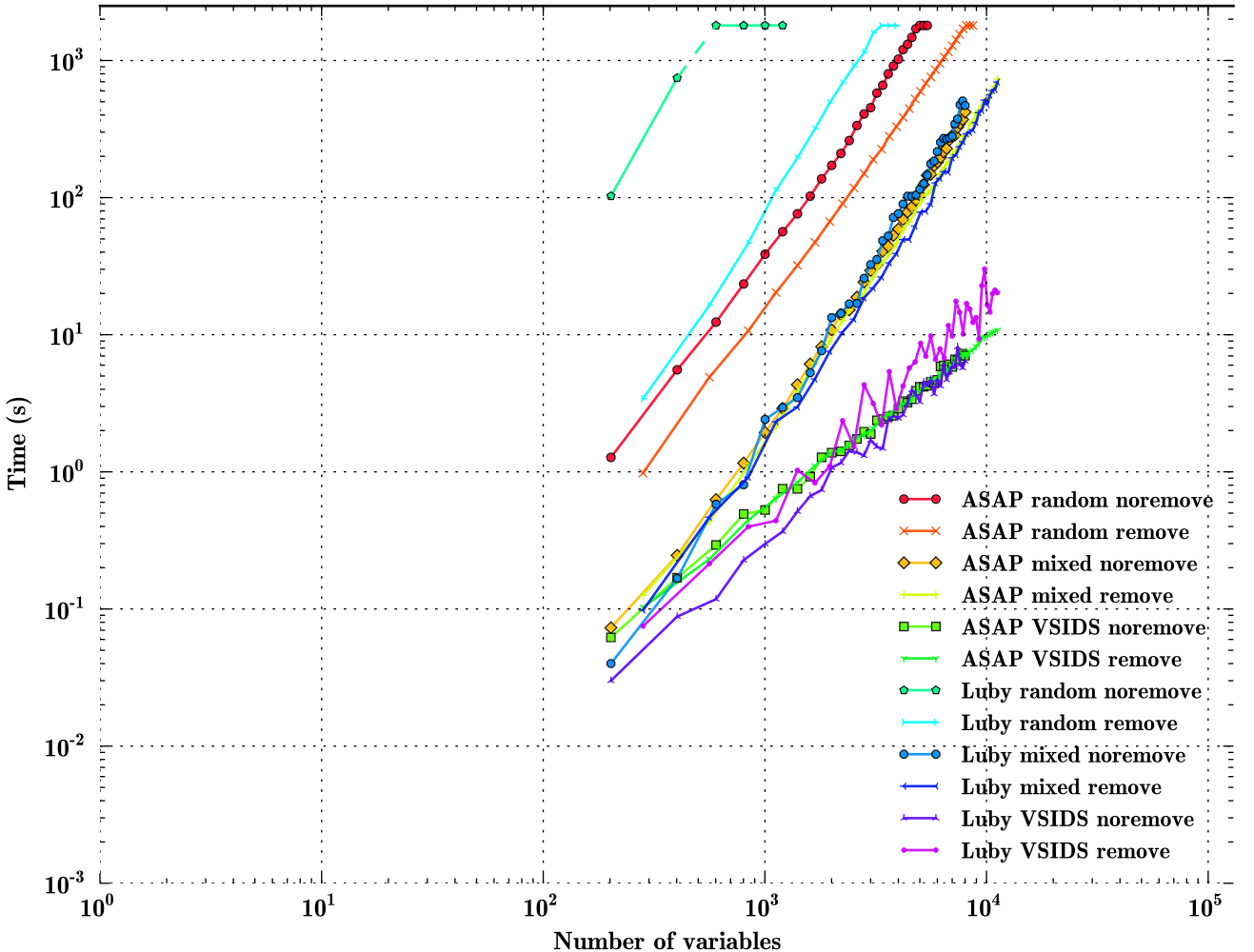
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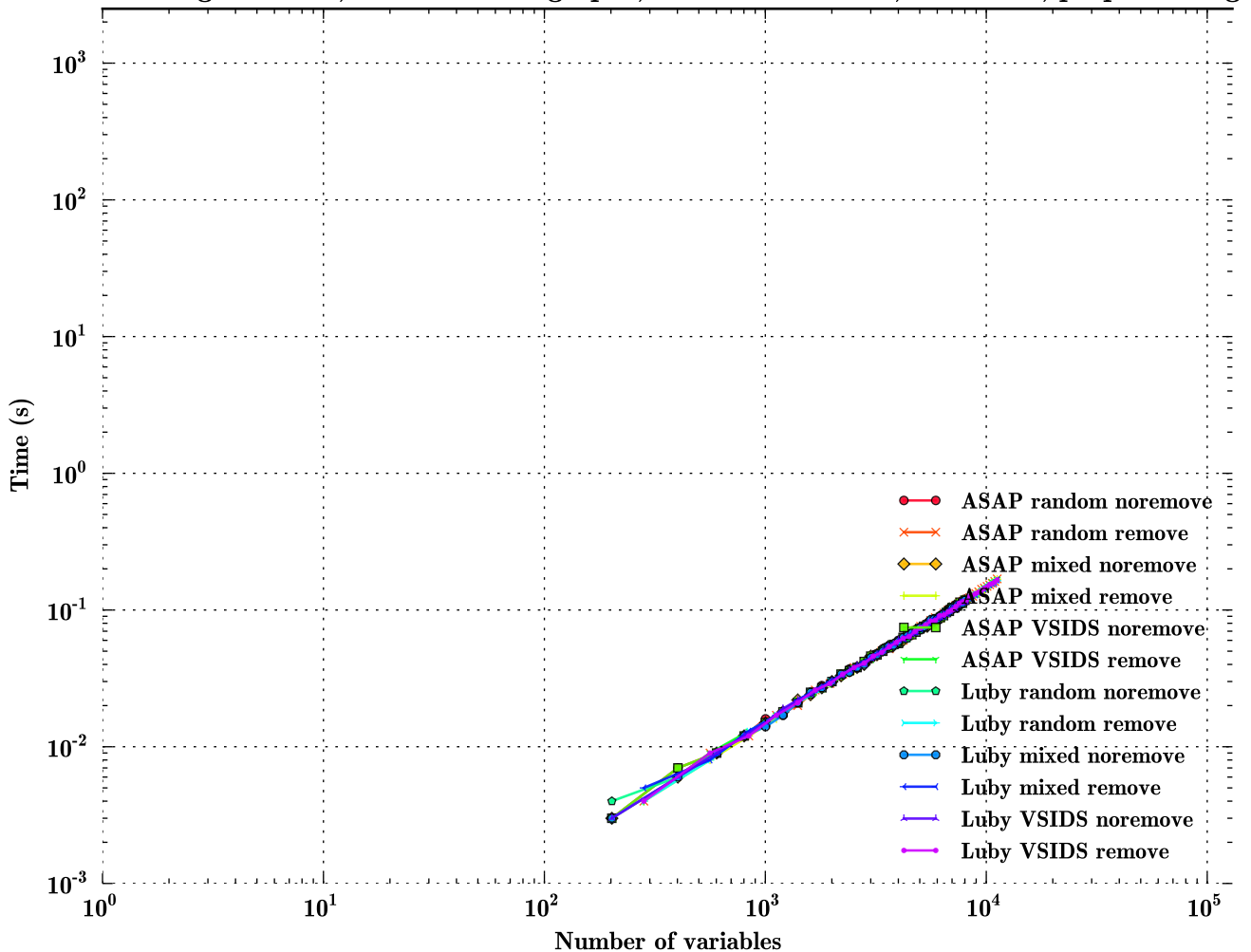
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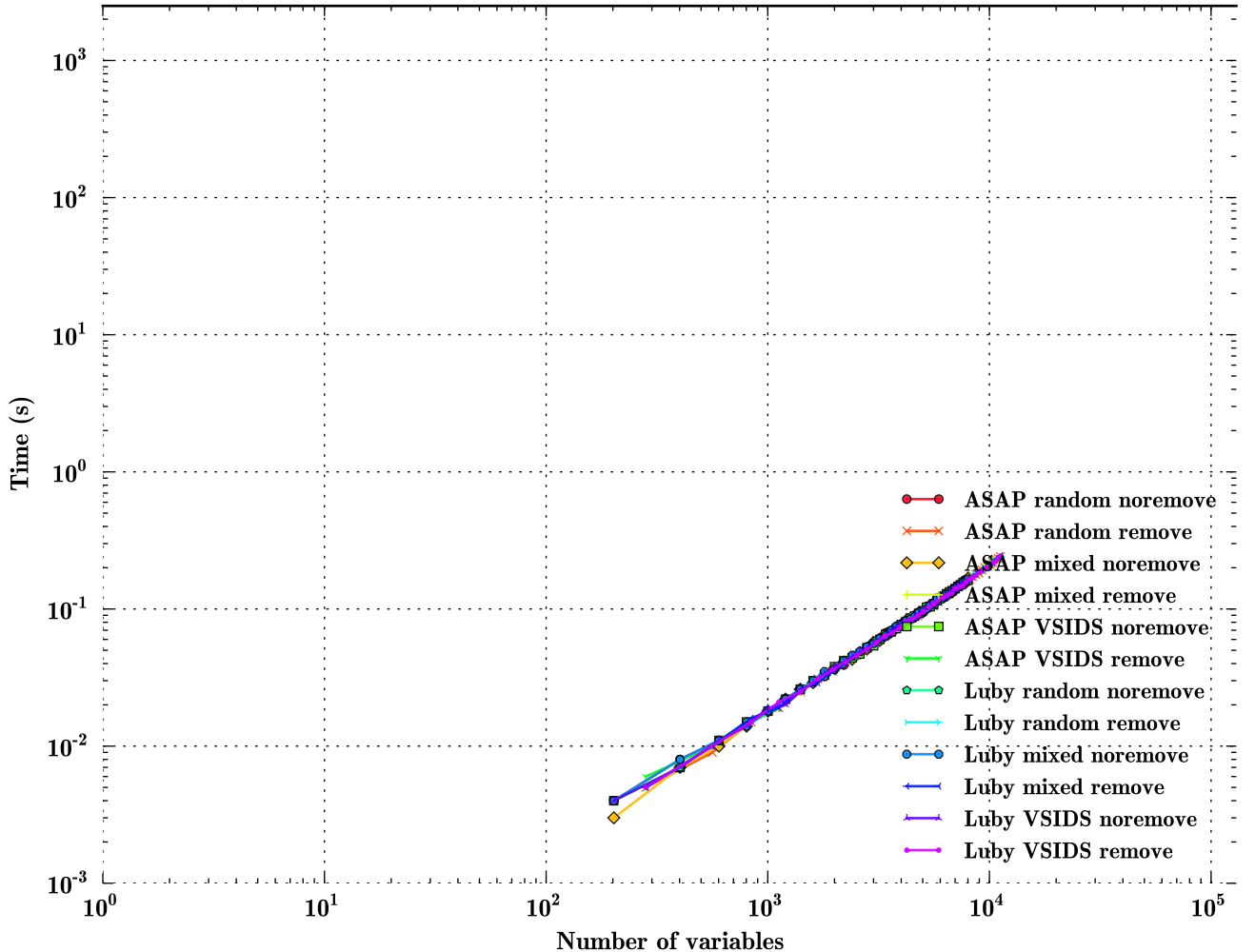
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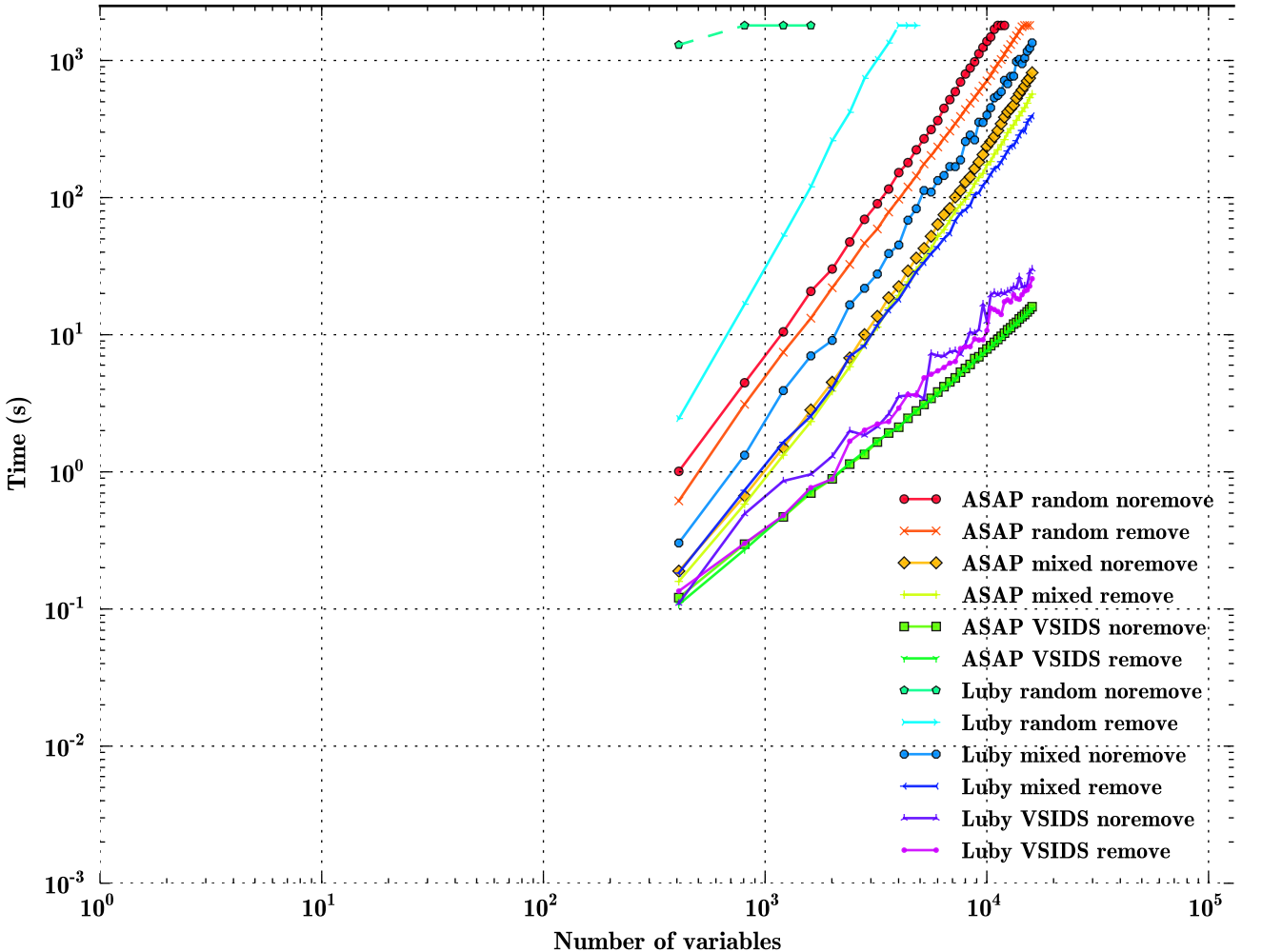
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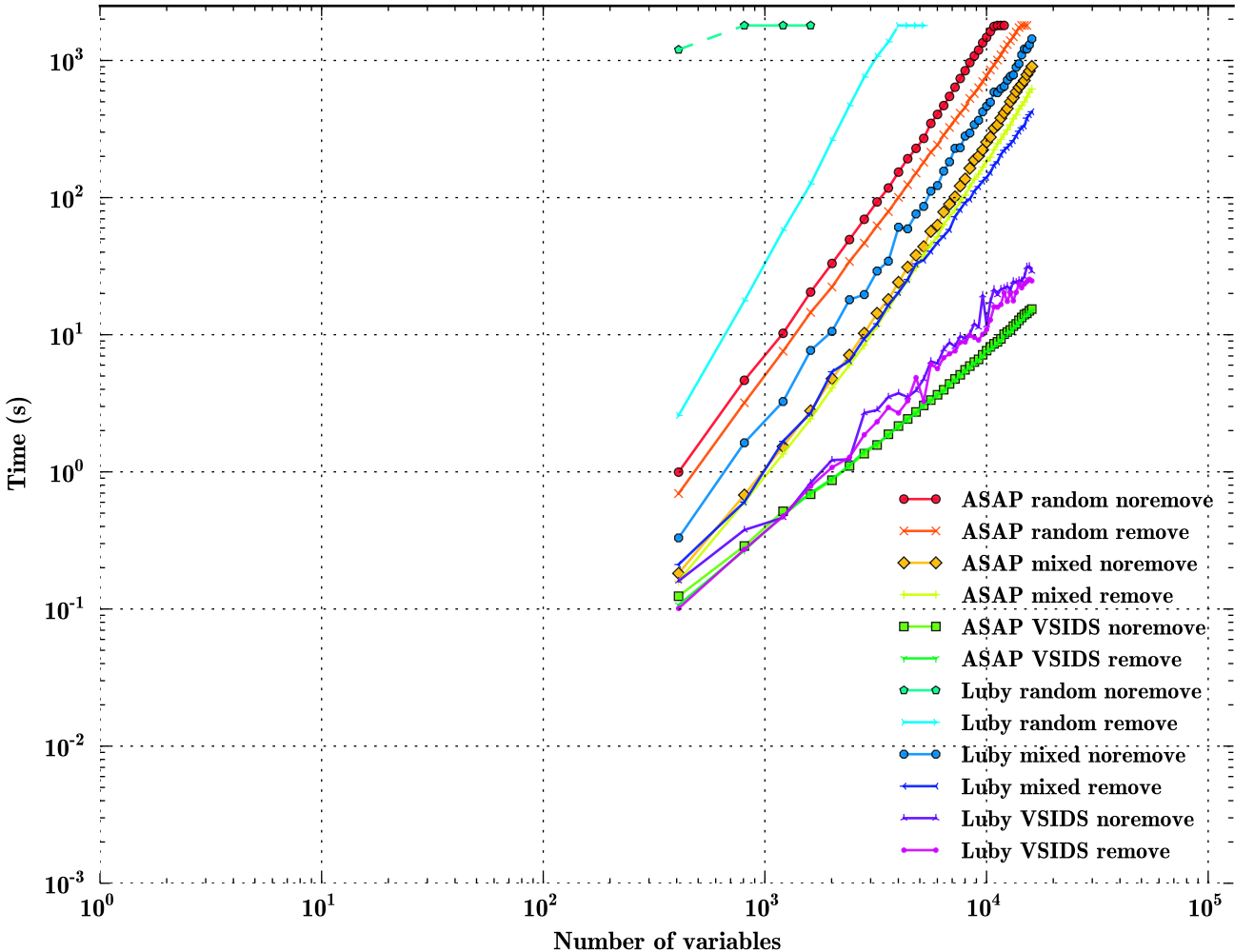
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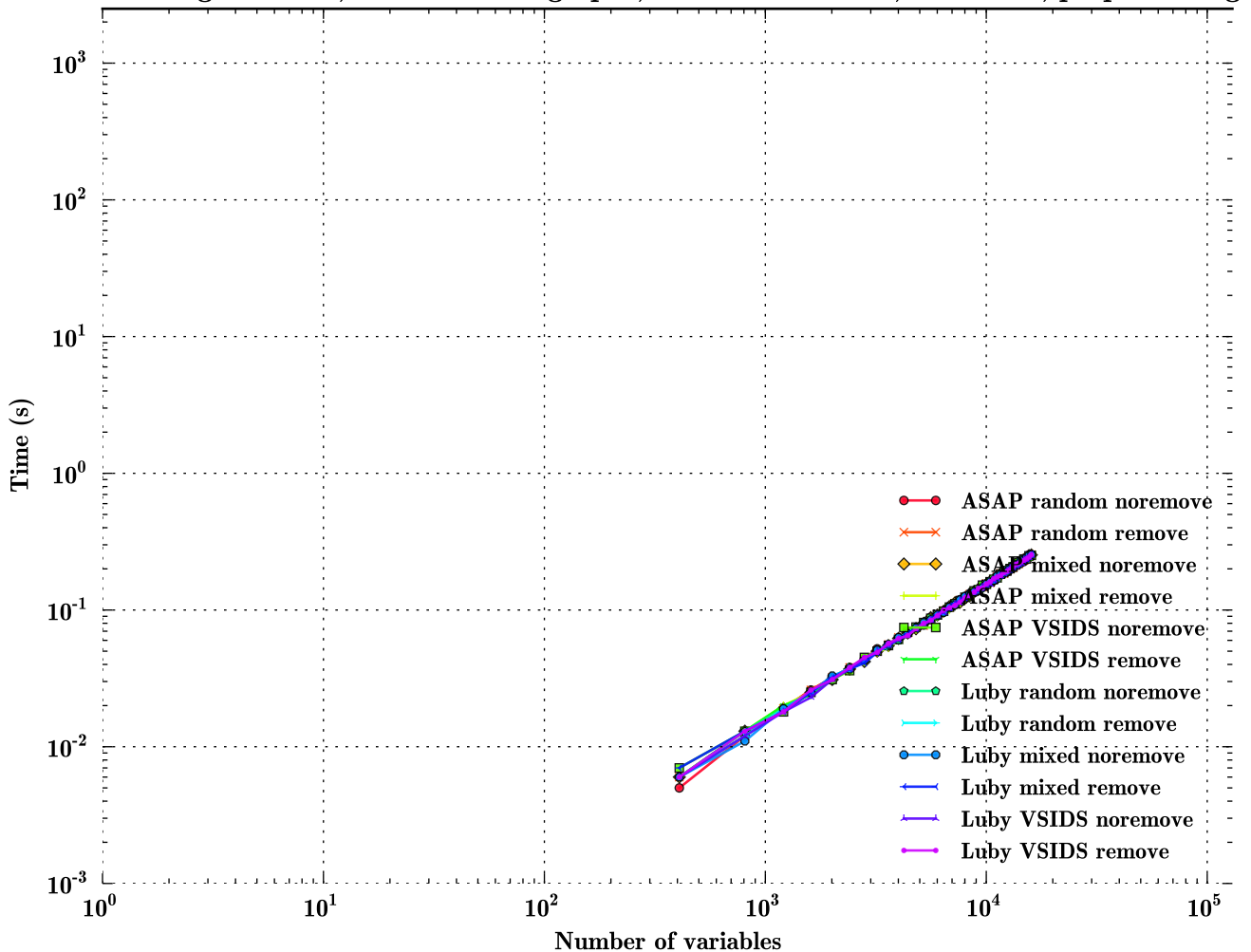
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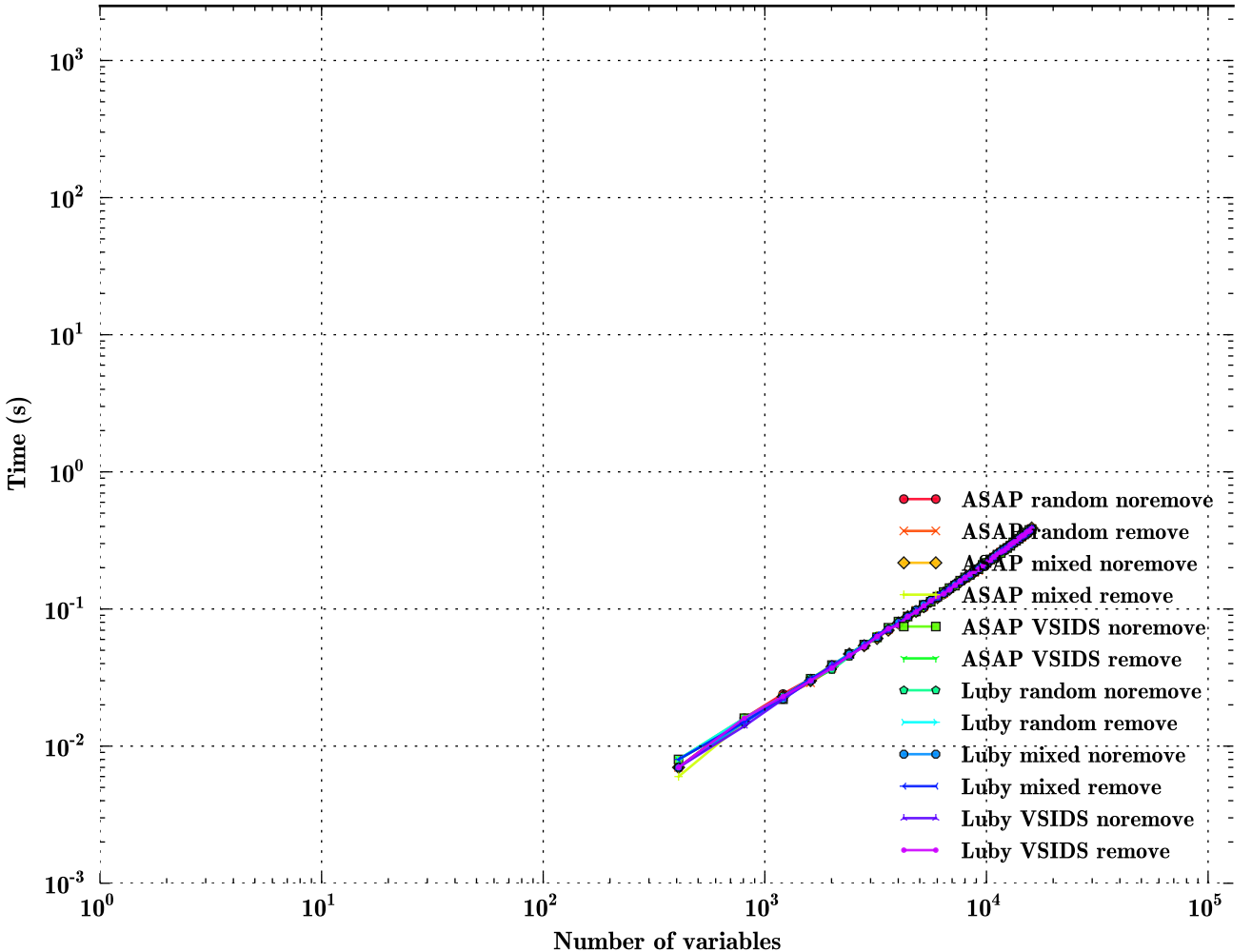
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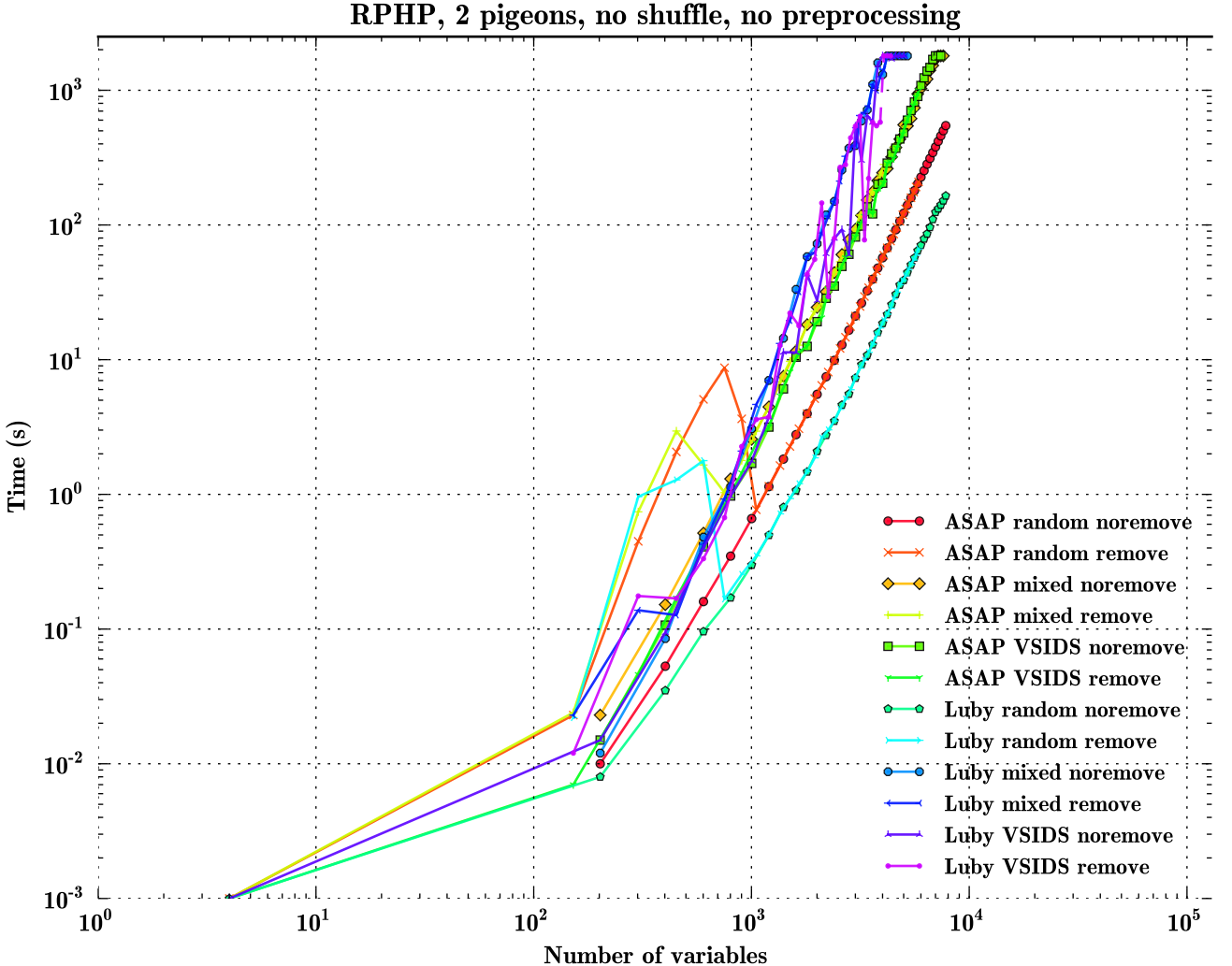
Relativized pigeonhole principle formulas (RPHP)


RPHP, 2 pigeons, no shuffle, no preprocessing
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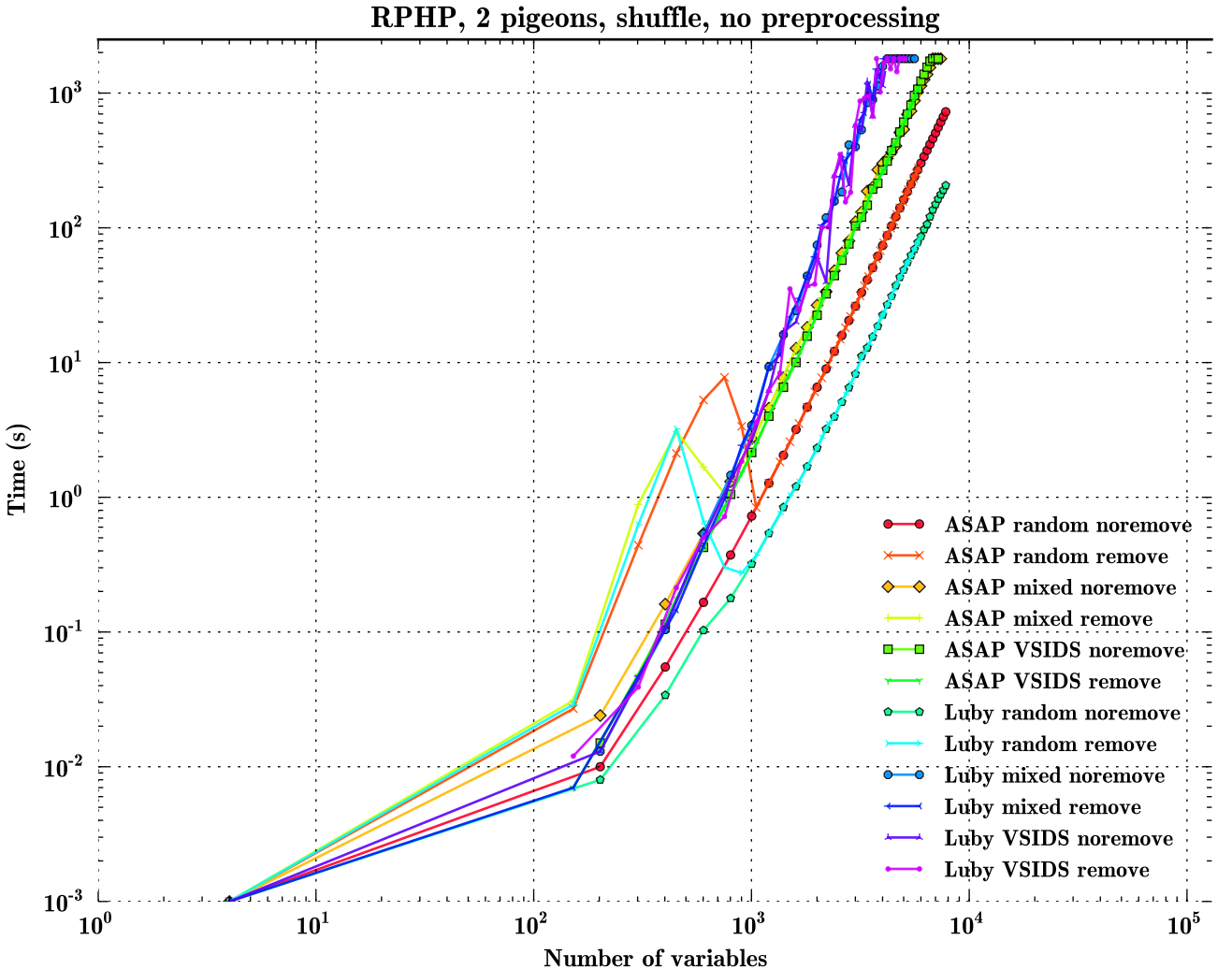
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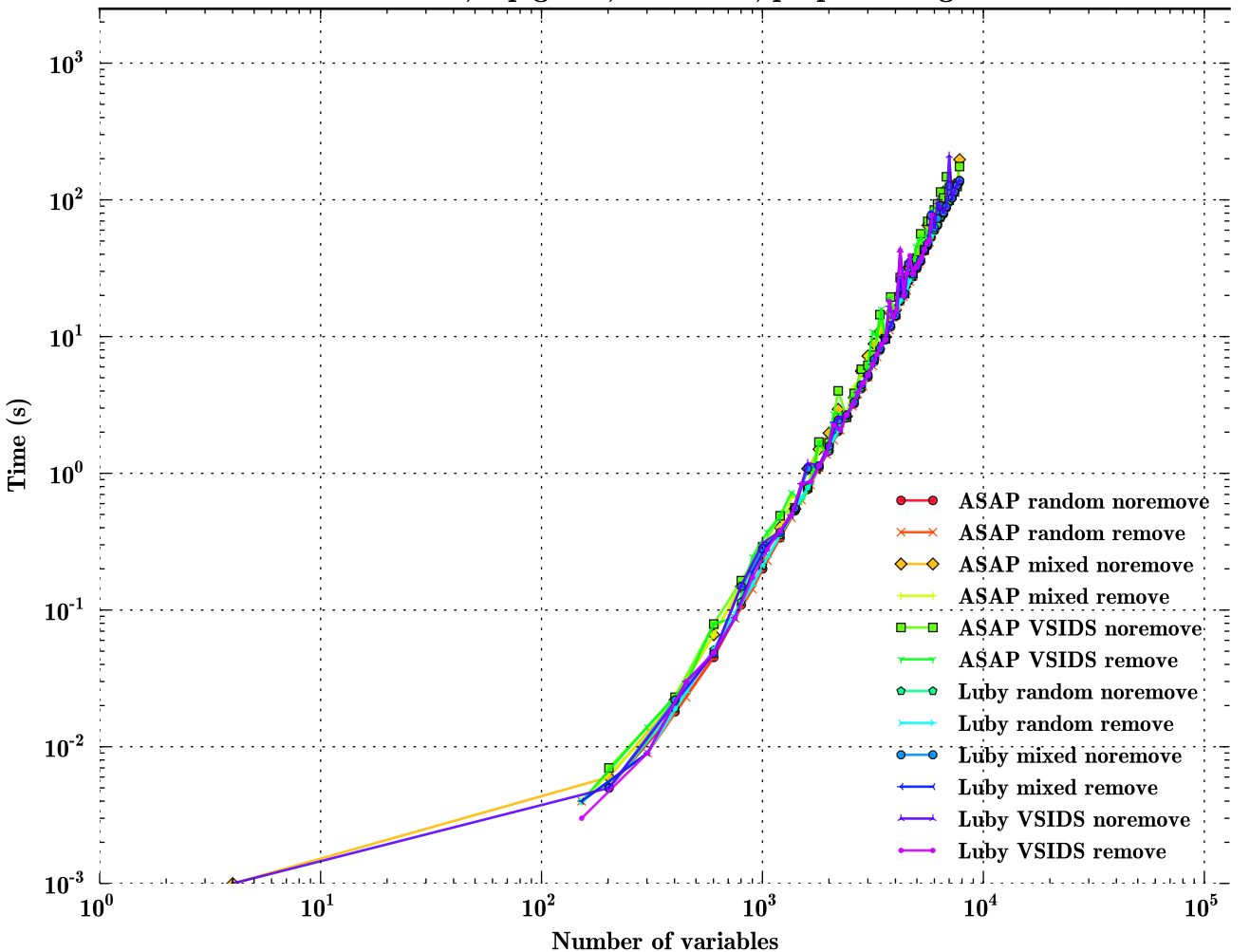
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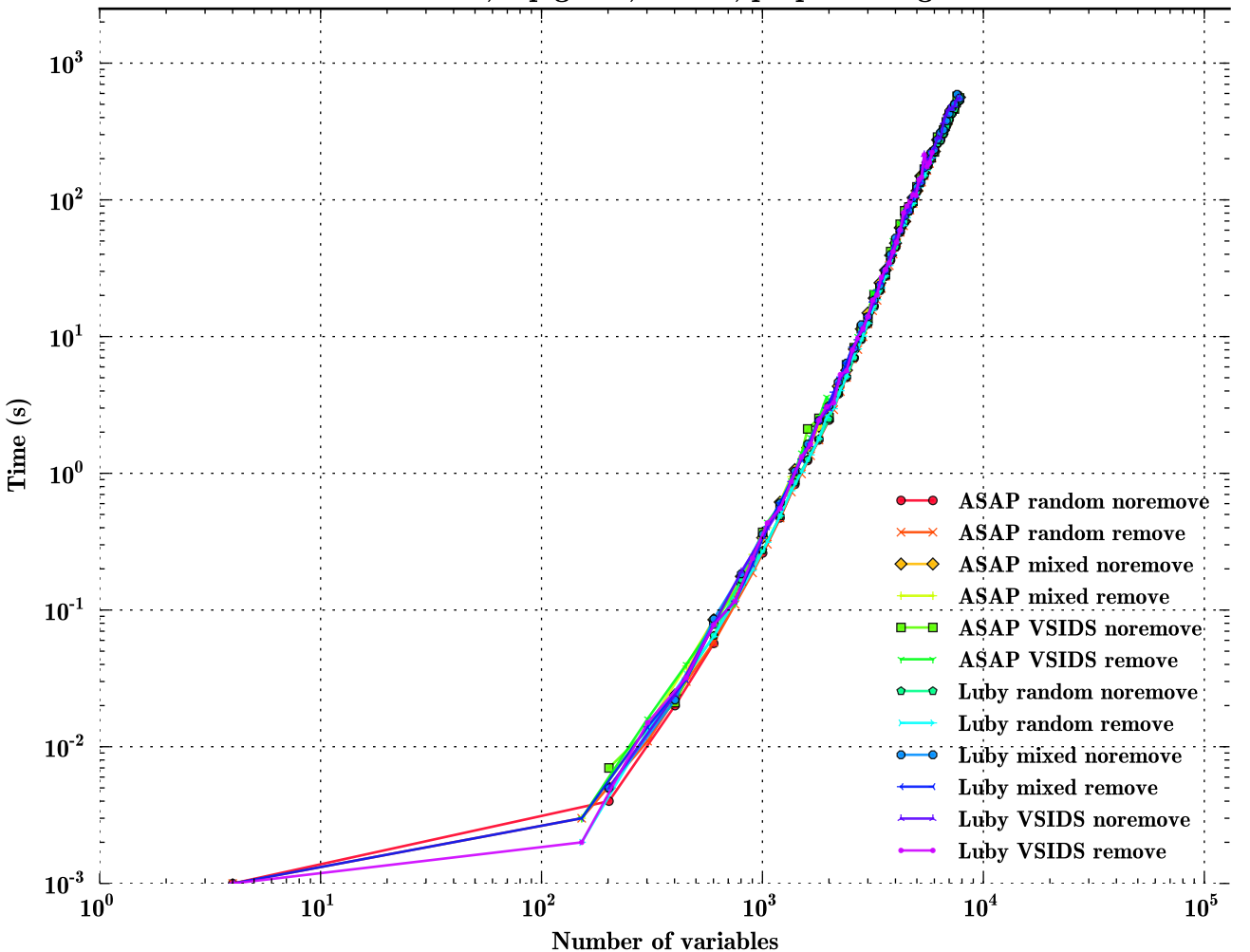
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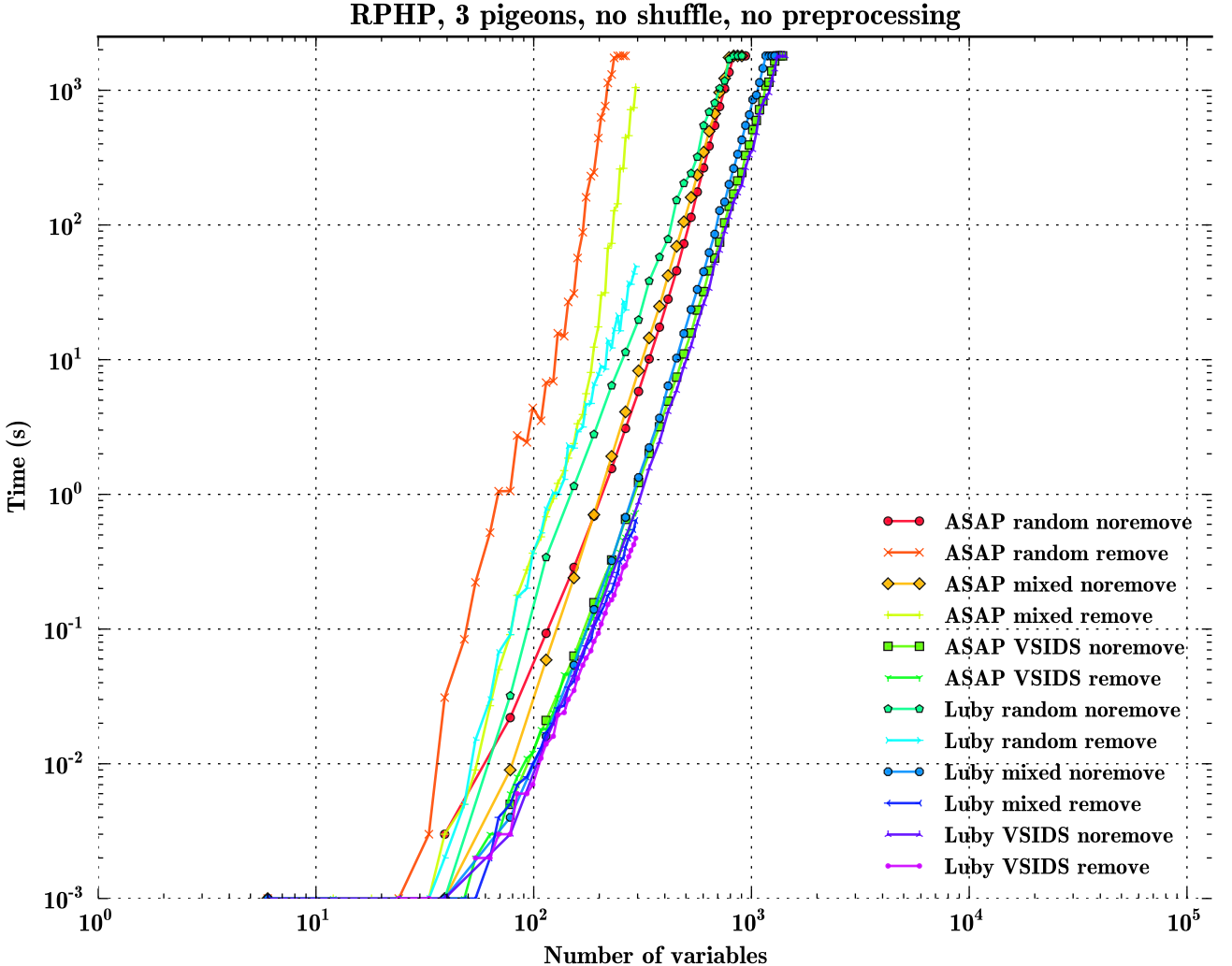
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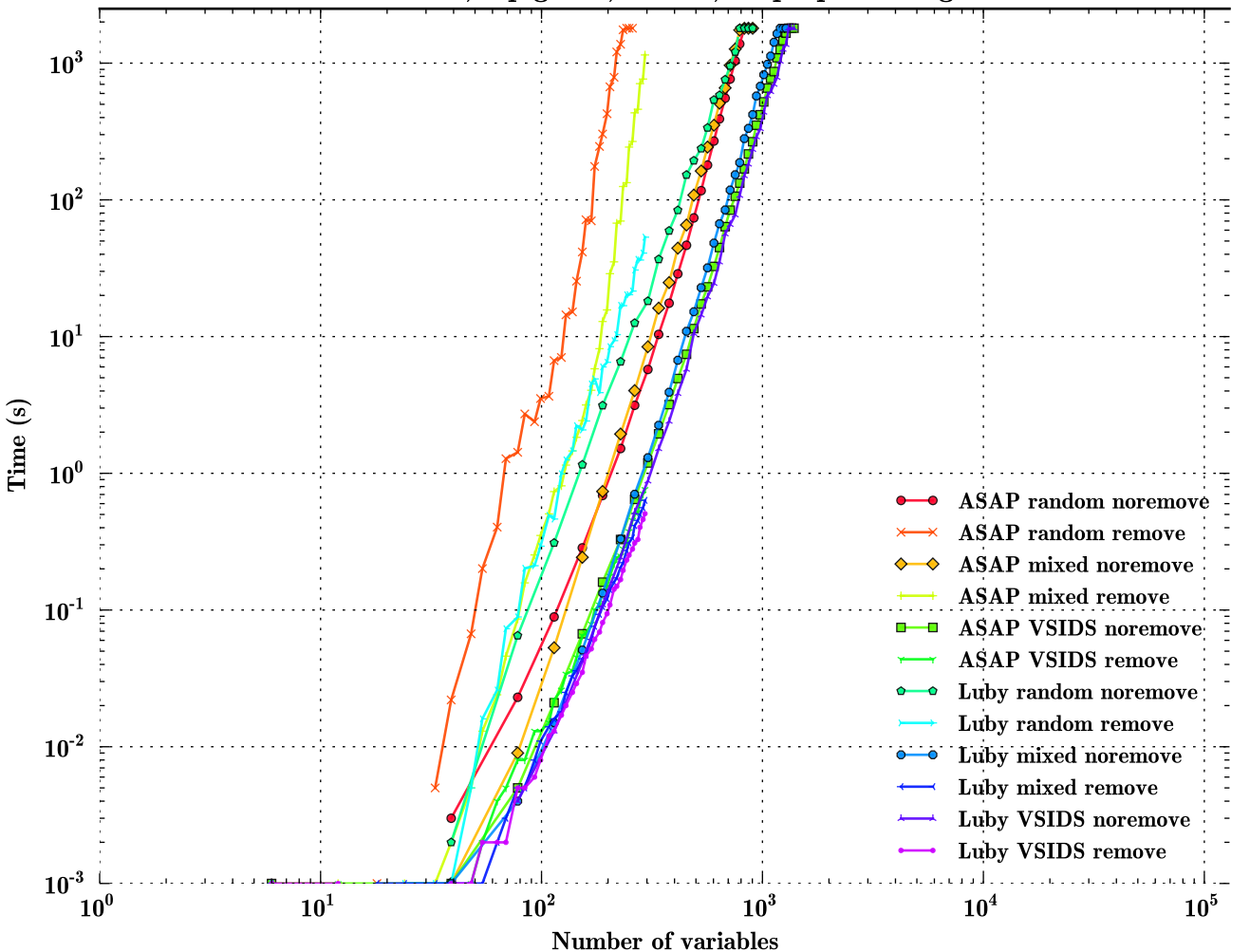
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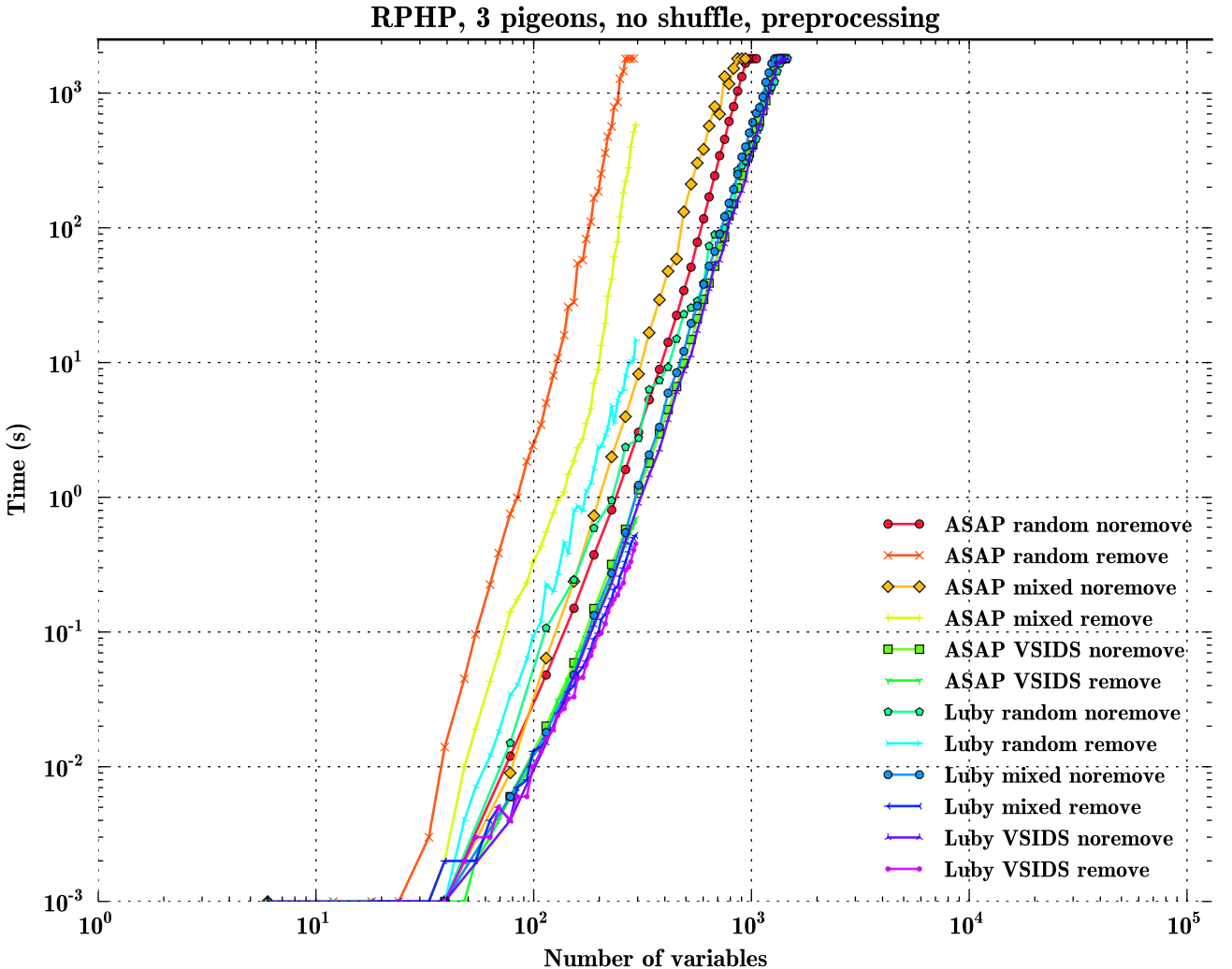
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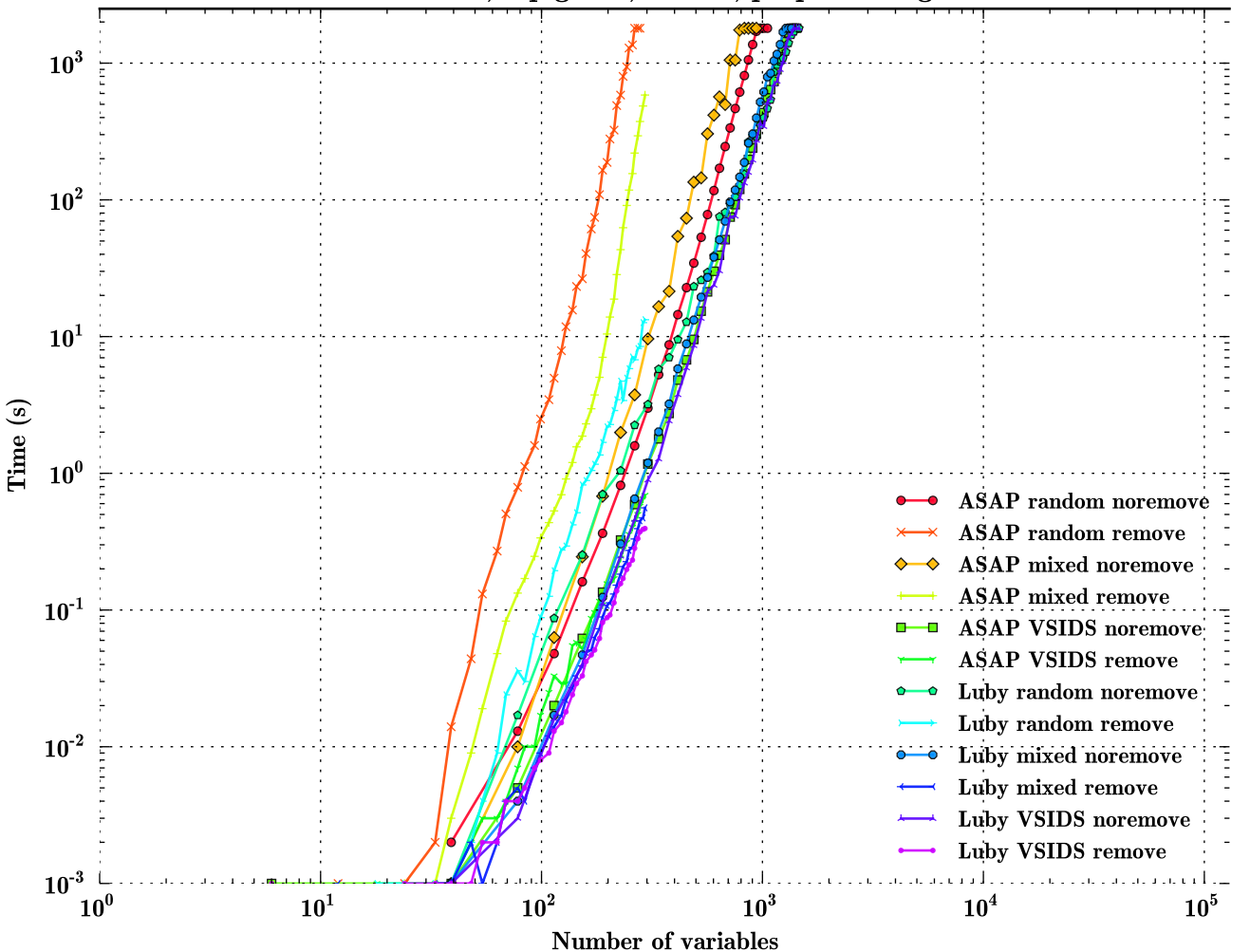
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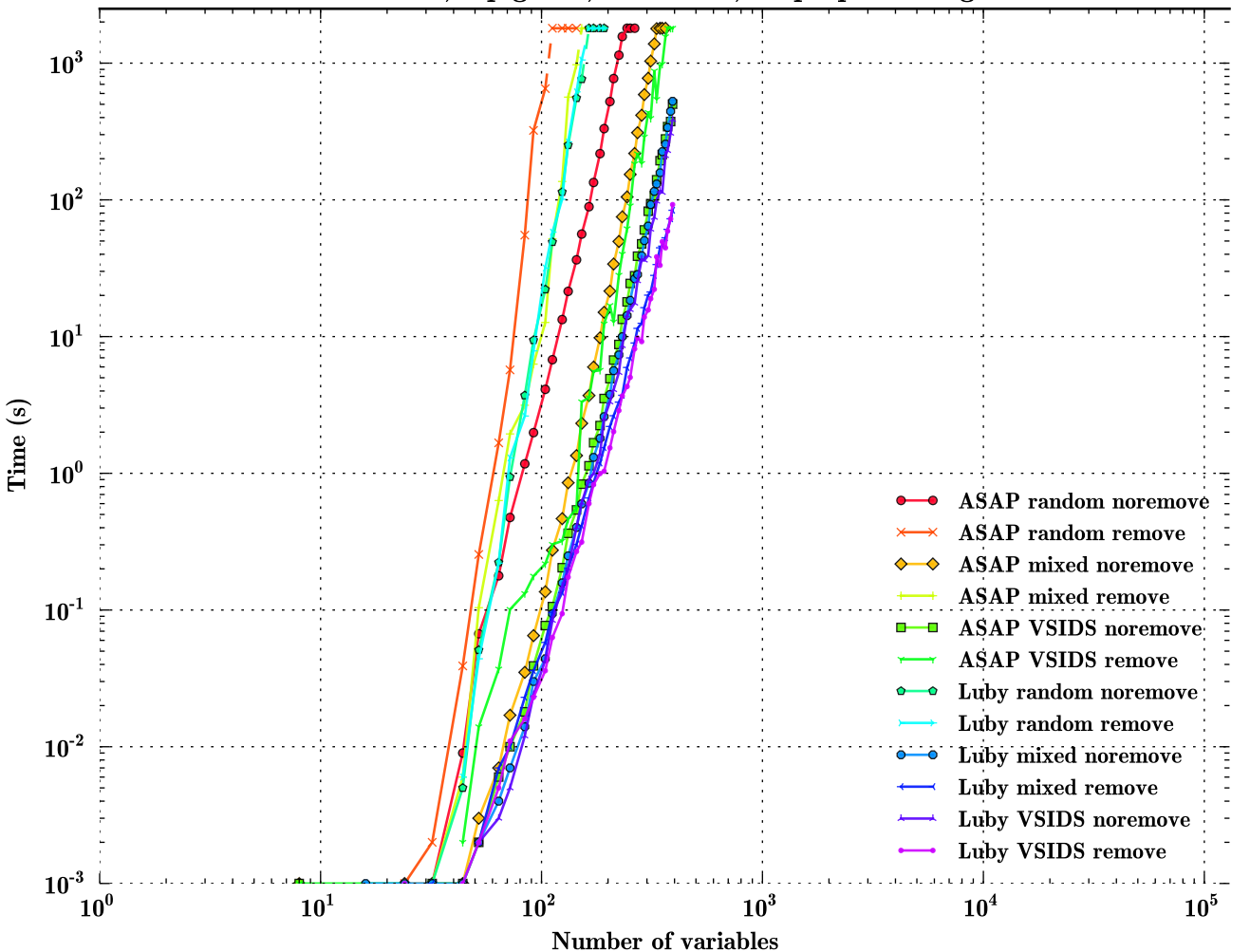
RPHP, 4 pigeons, no shuffle, no preprocessing
Time (s)
Number of variables
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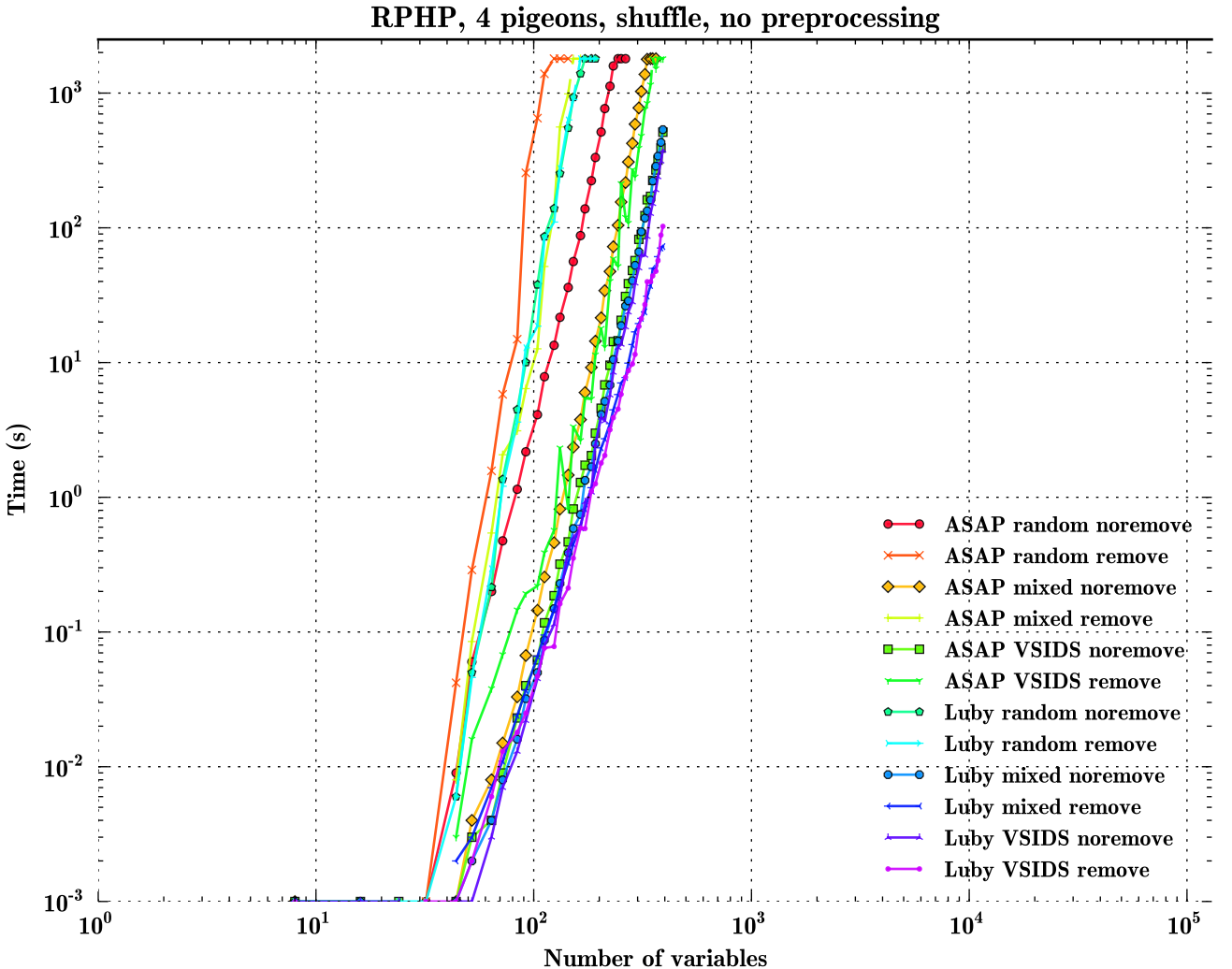
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Number of variables
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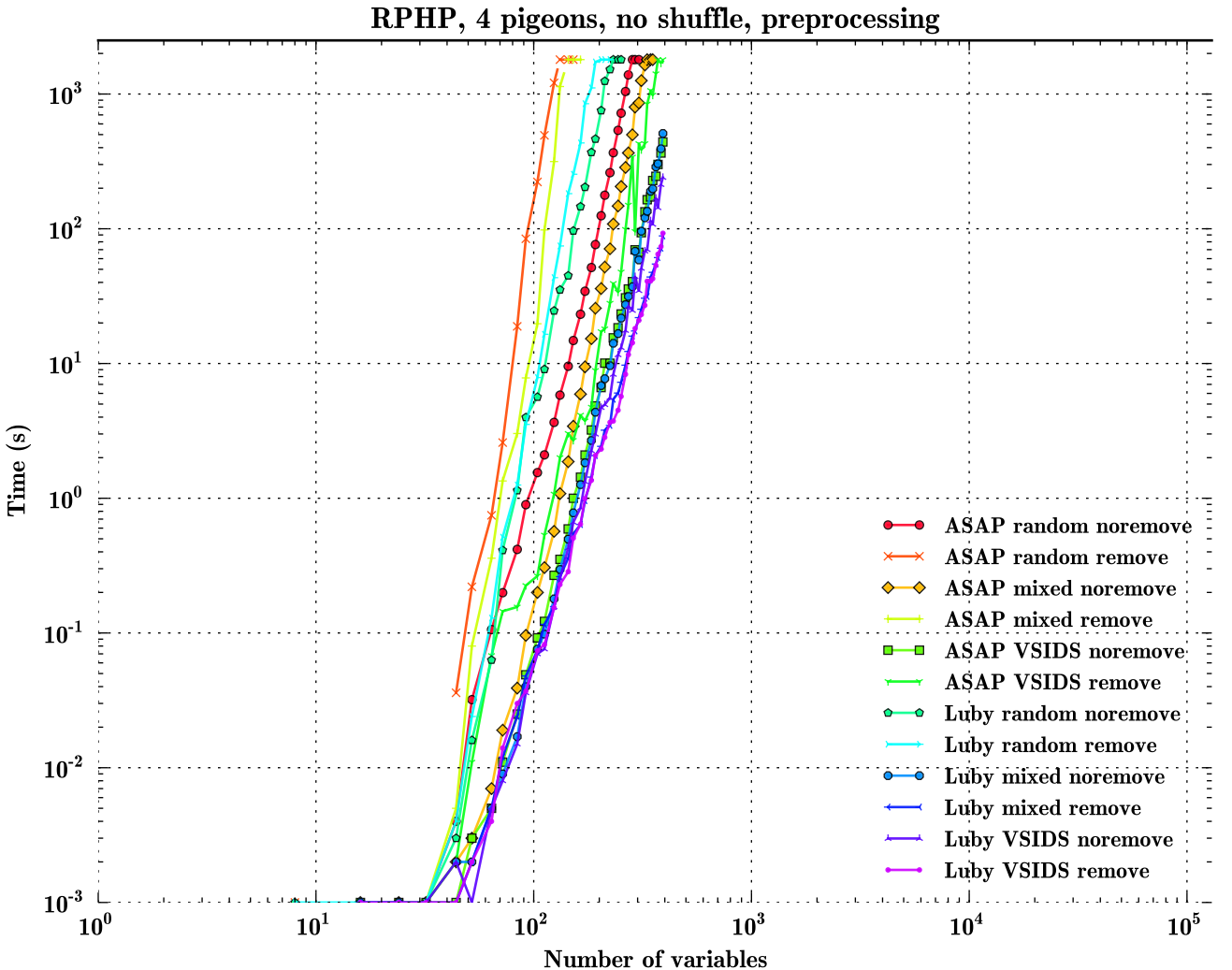
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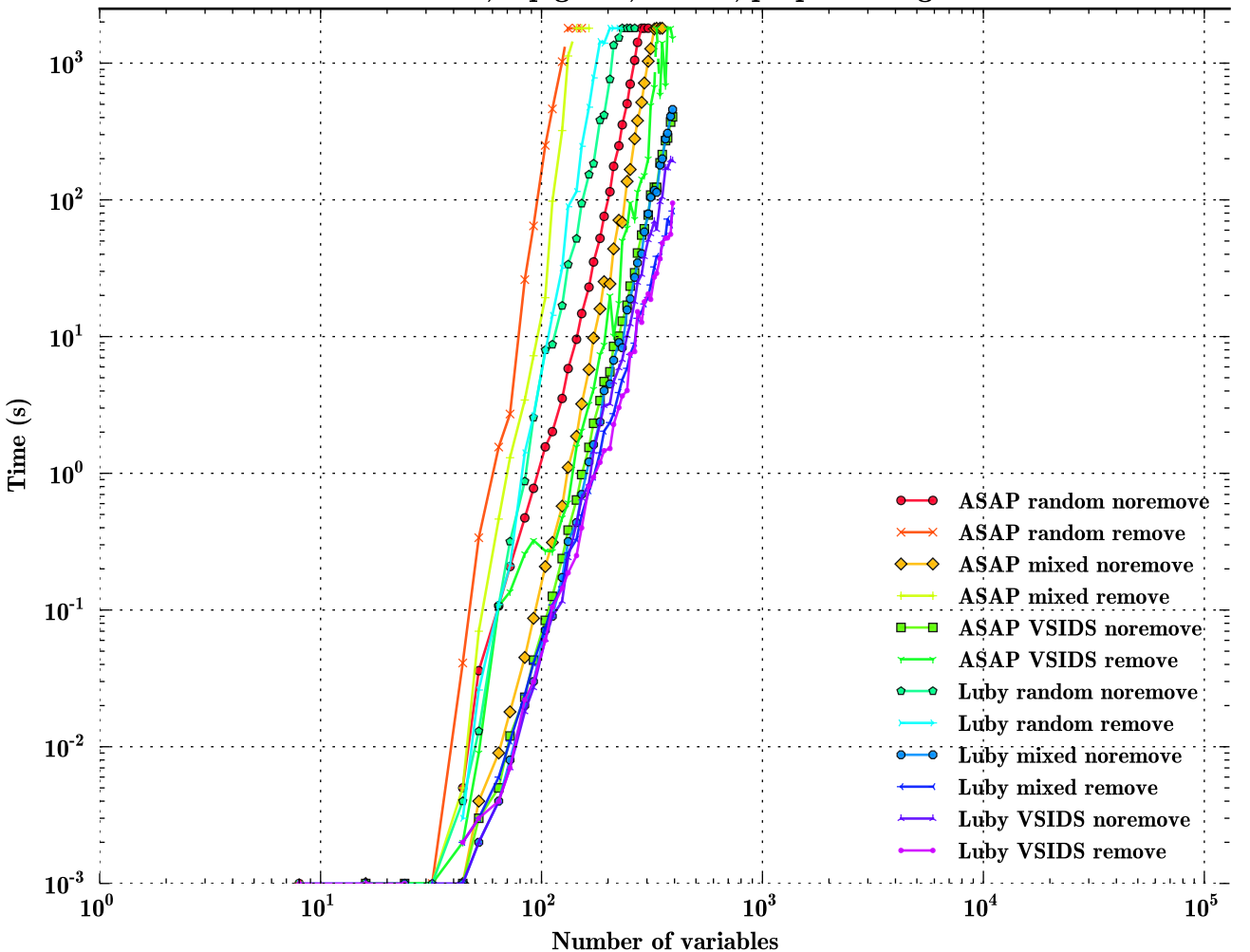
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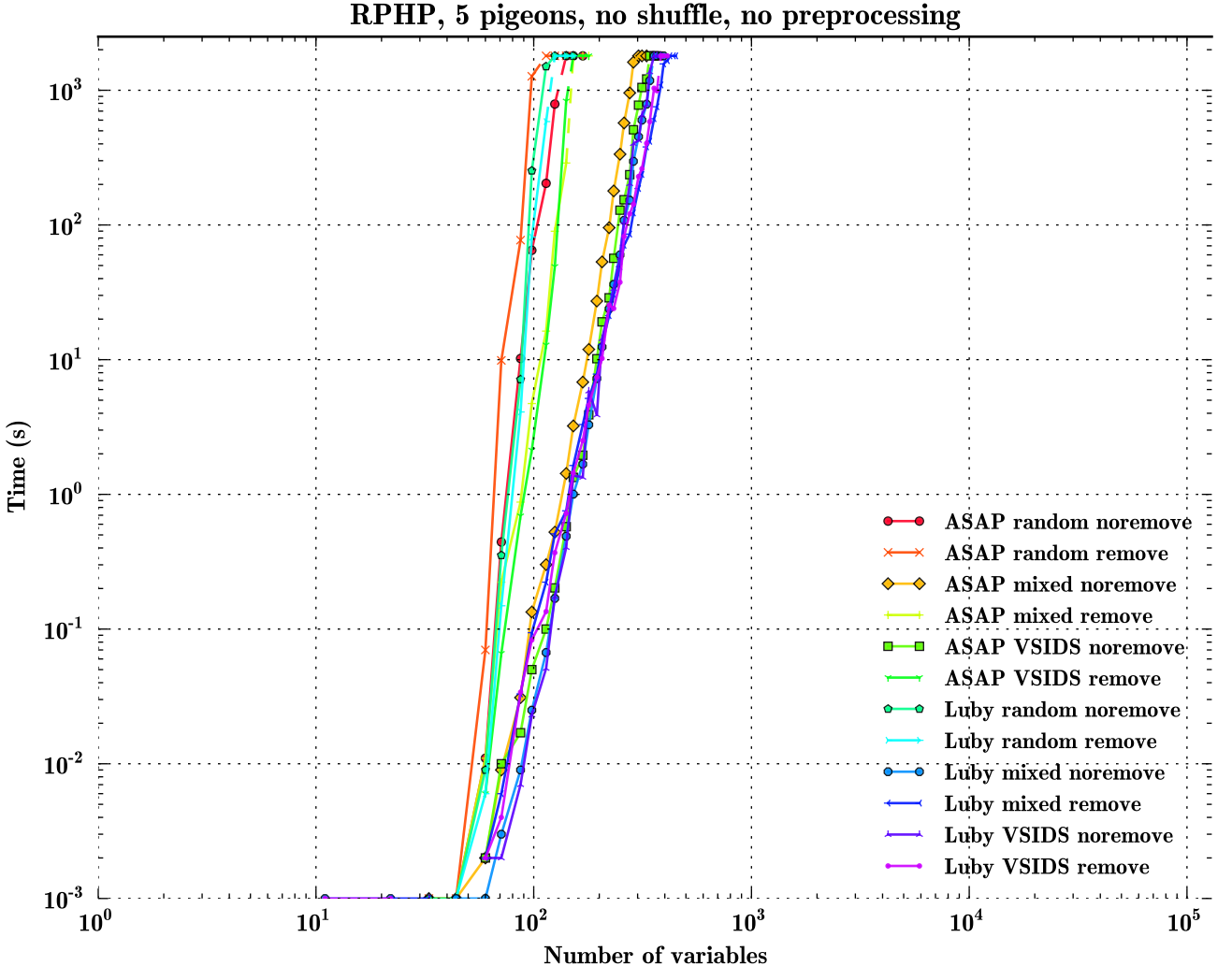
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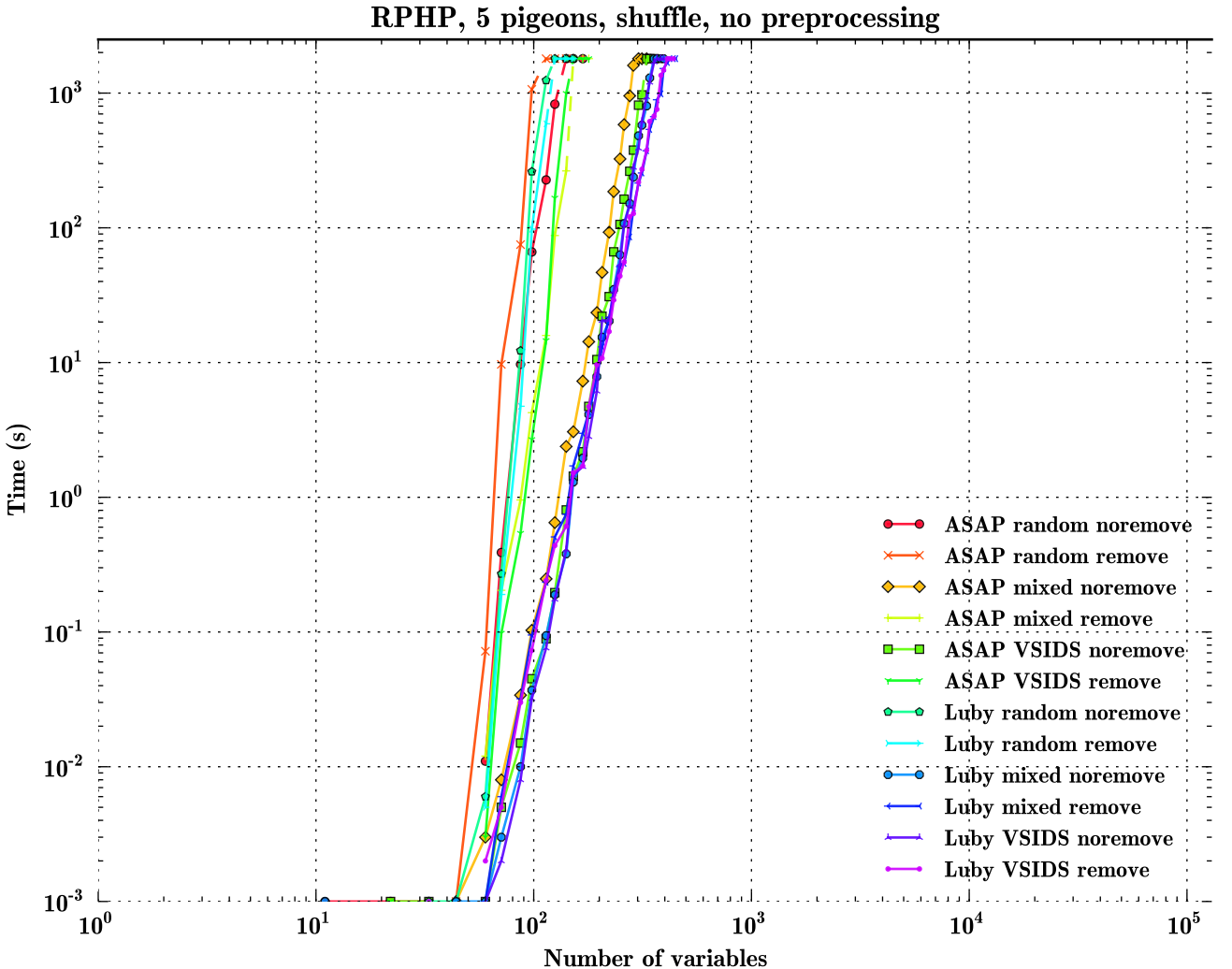
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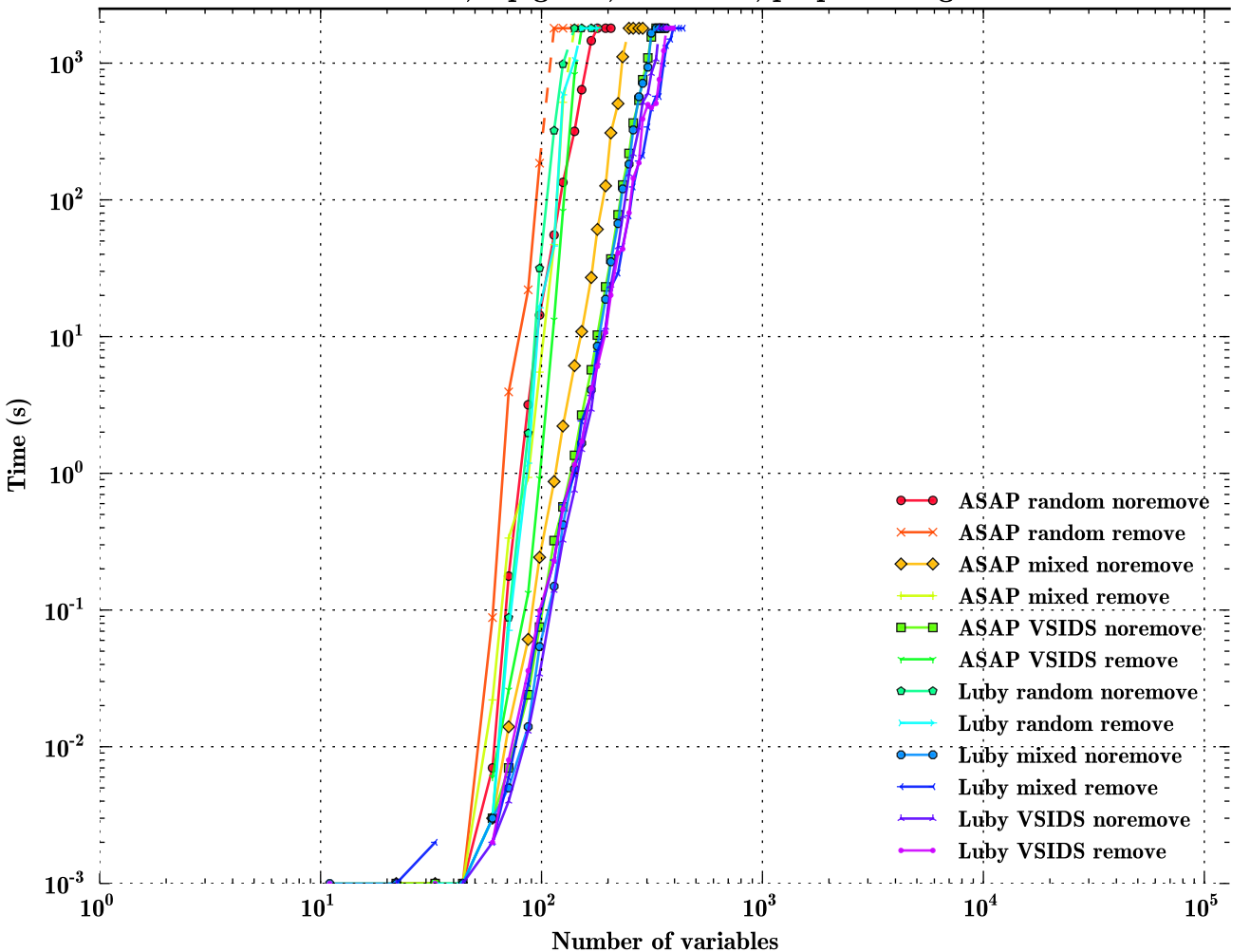
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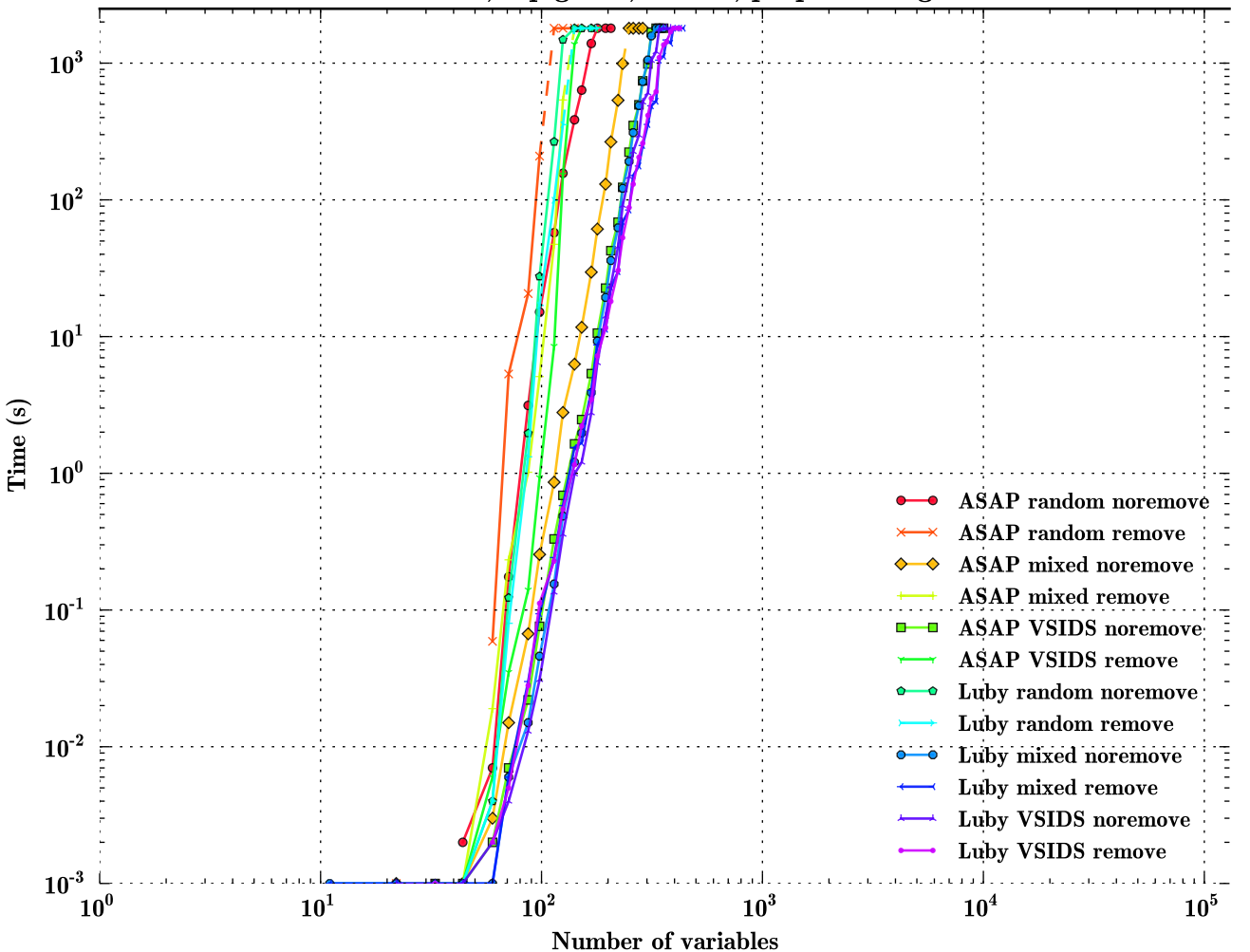
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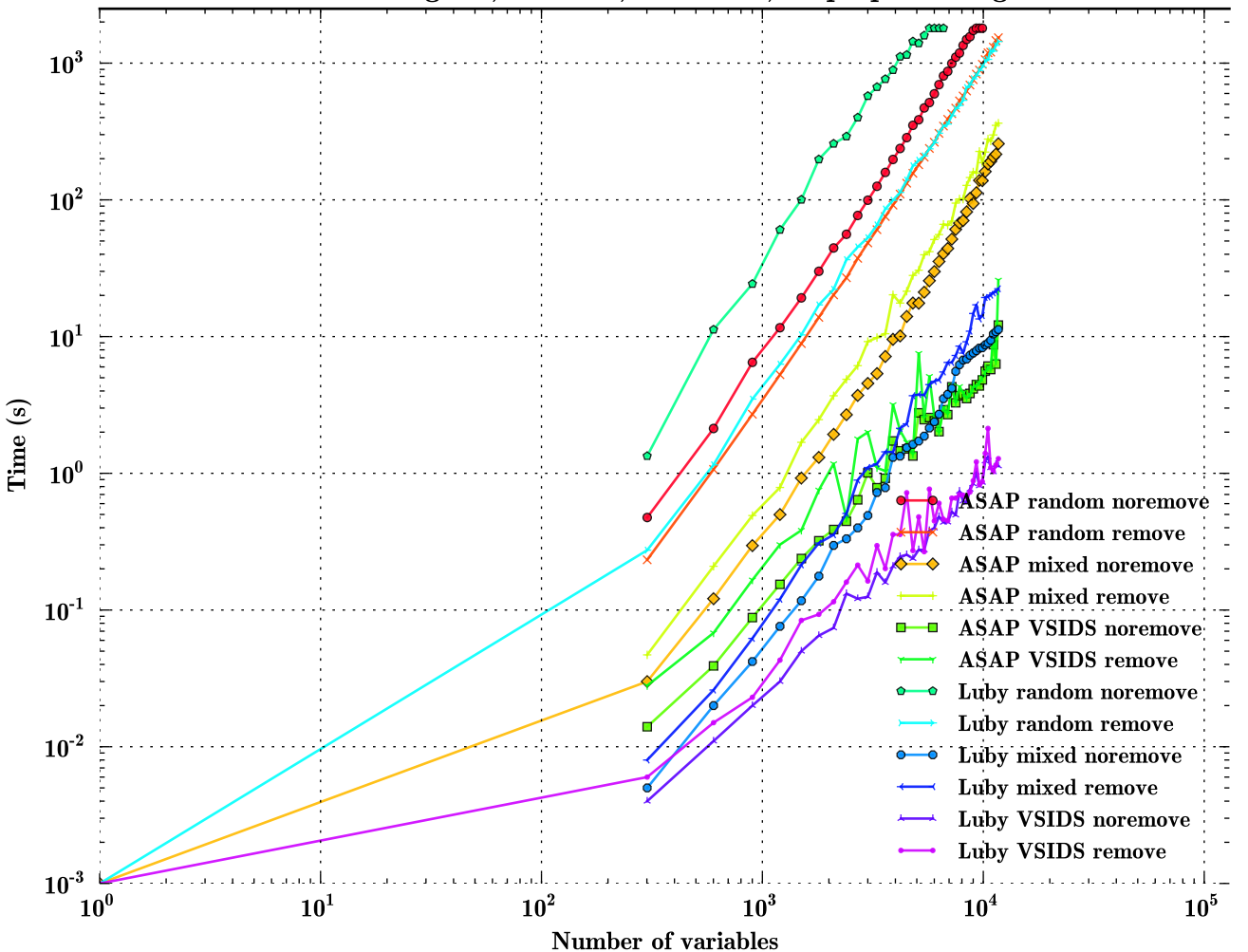
Tseitin grids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Time (s)
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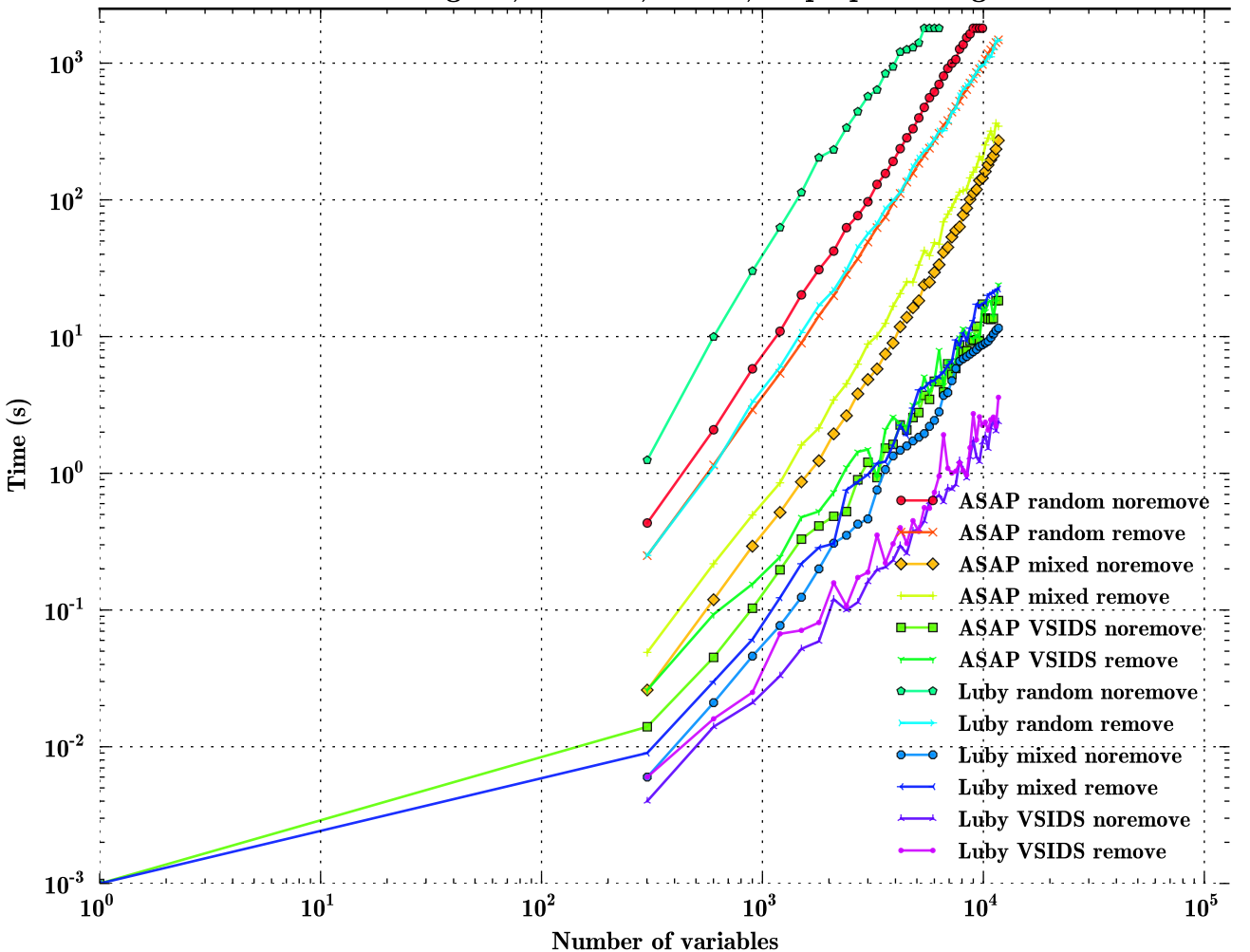
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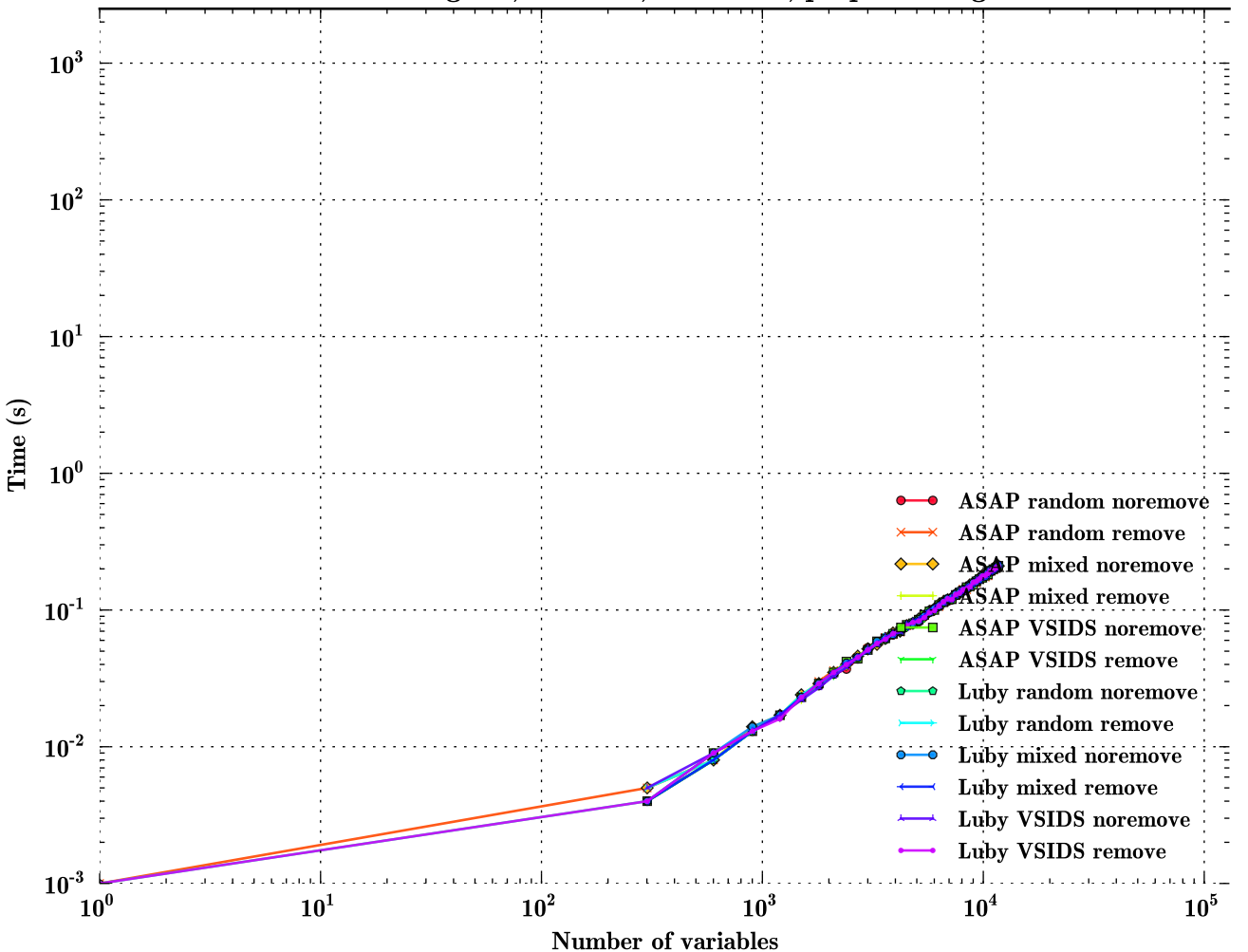
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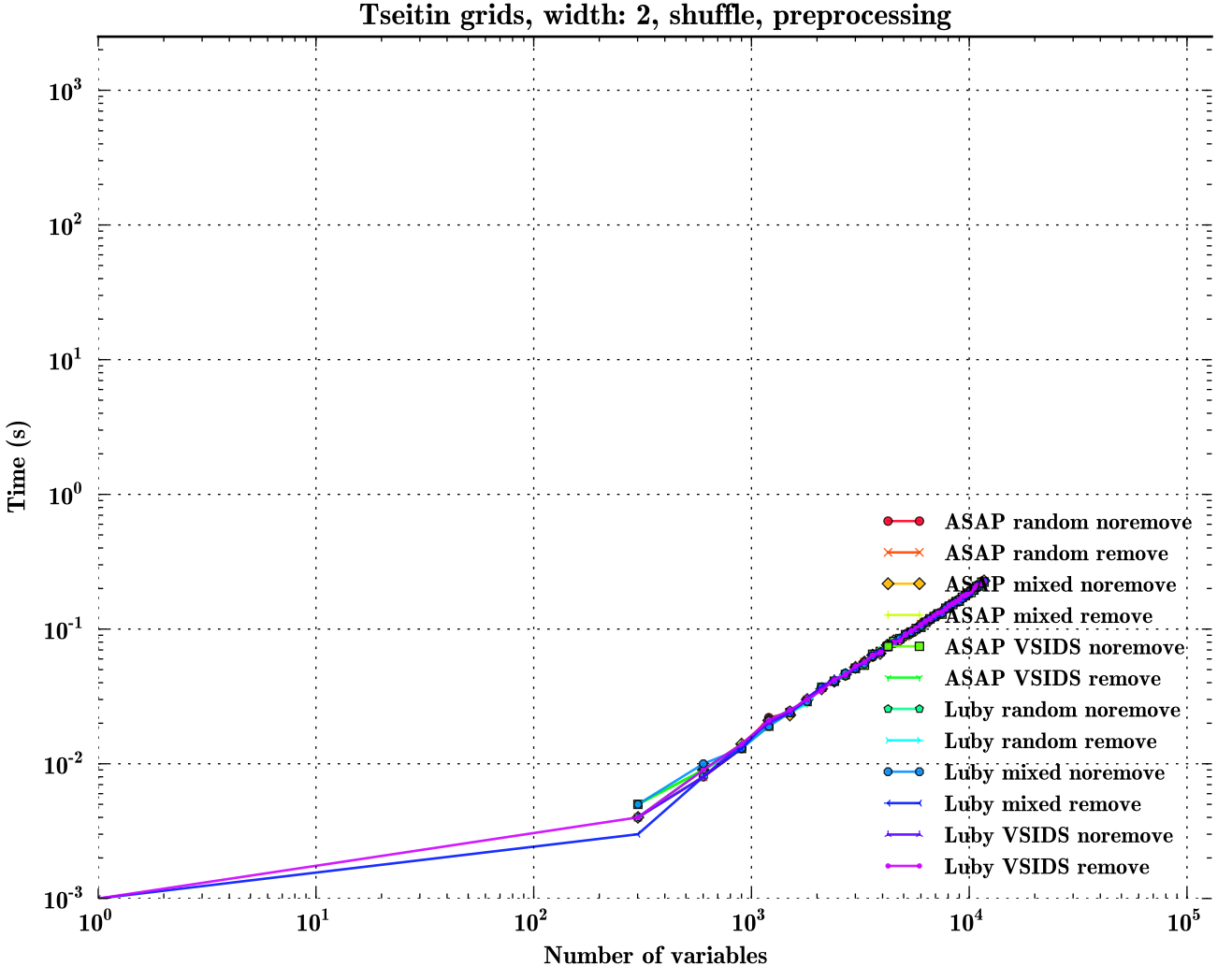
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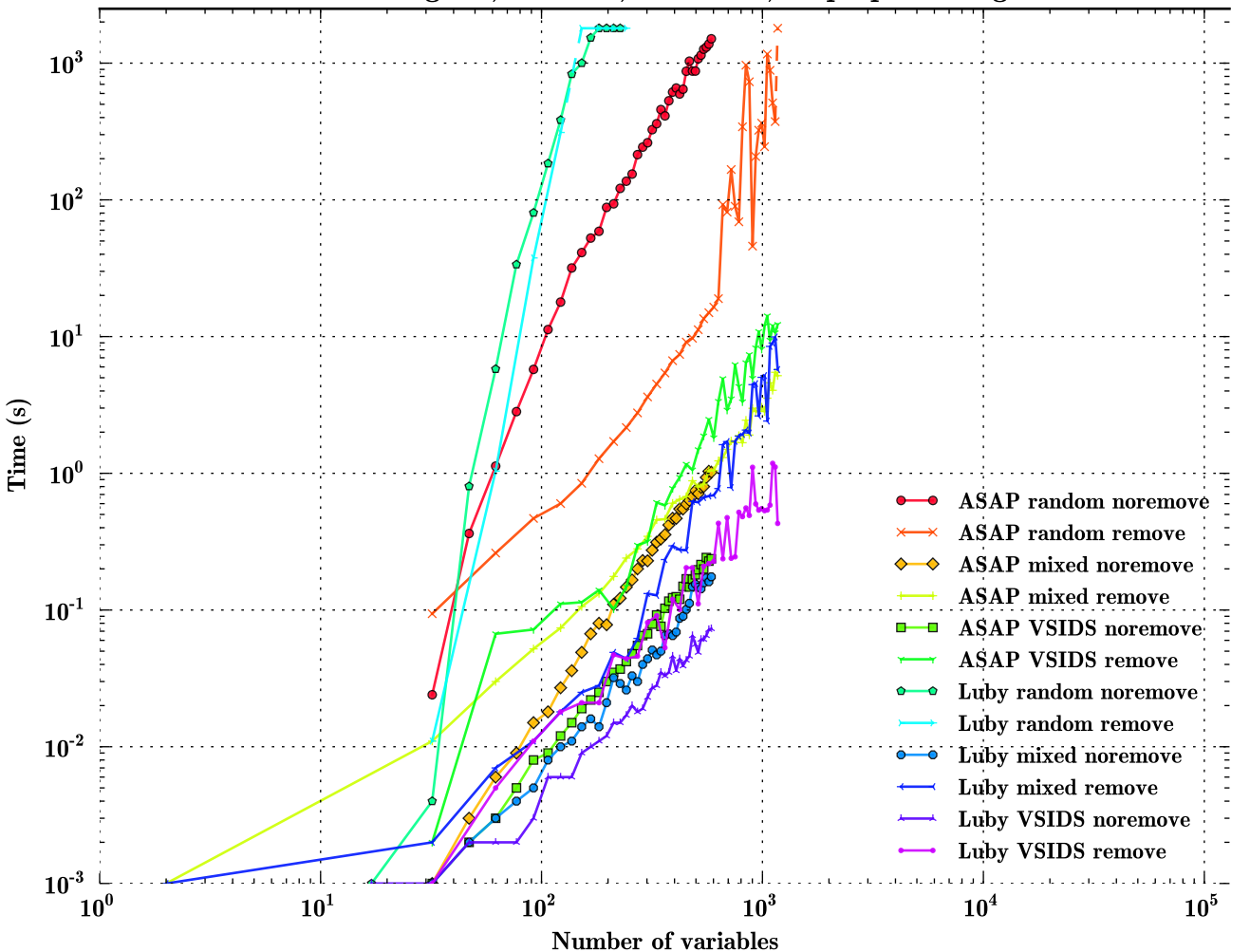
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Time (s)
Number of variables
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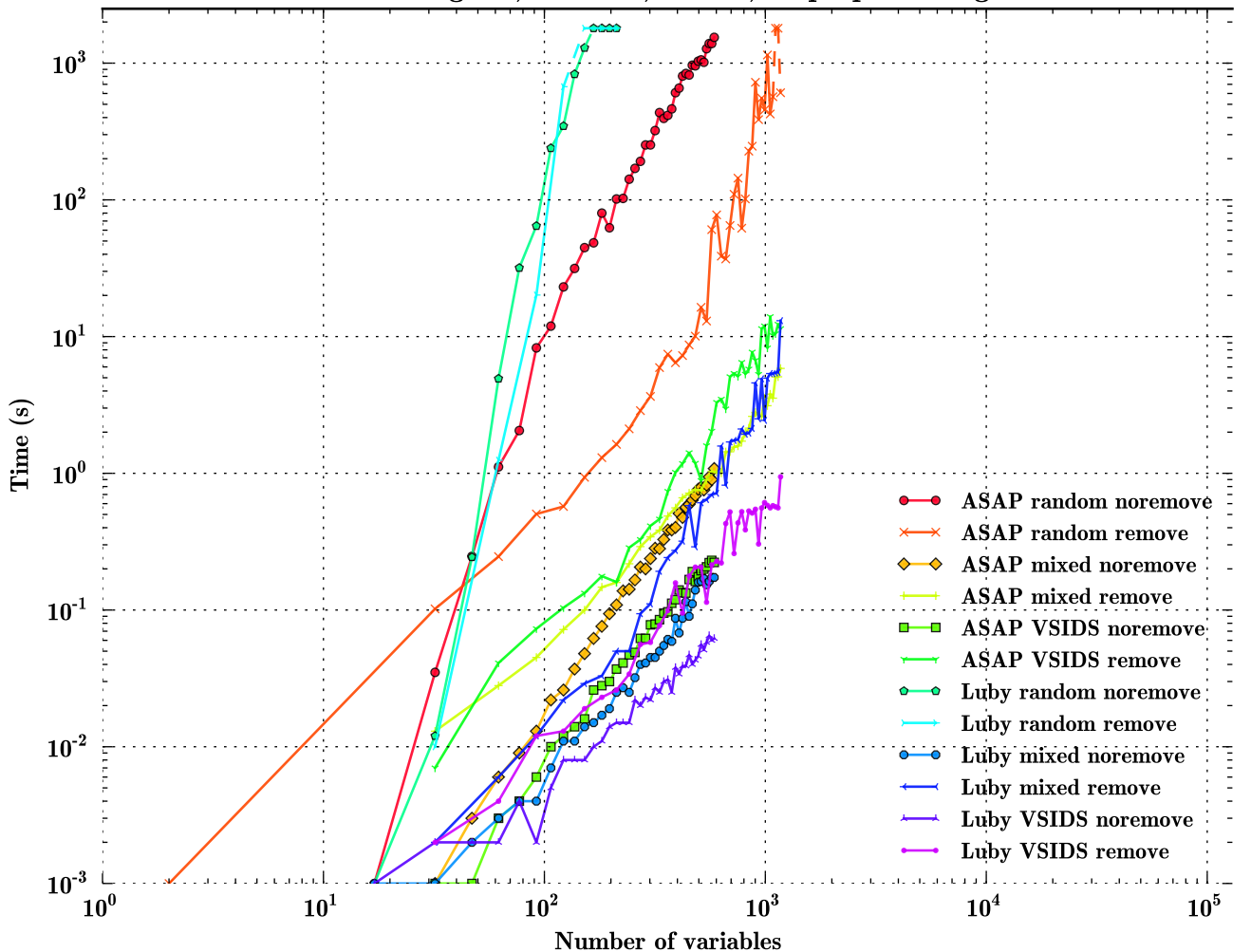
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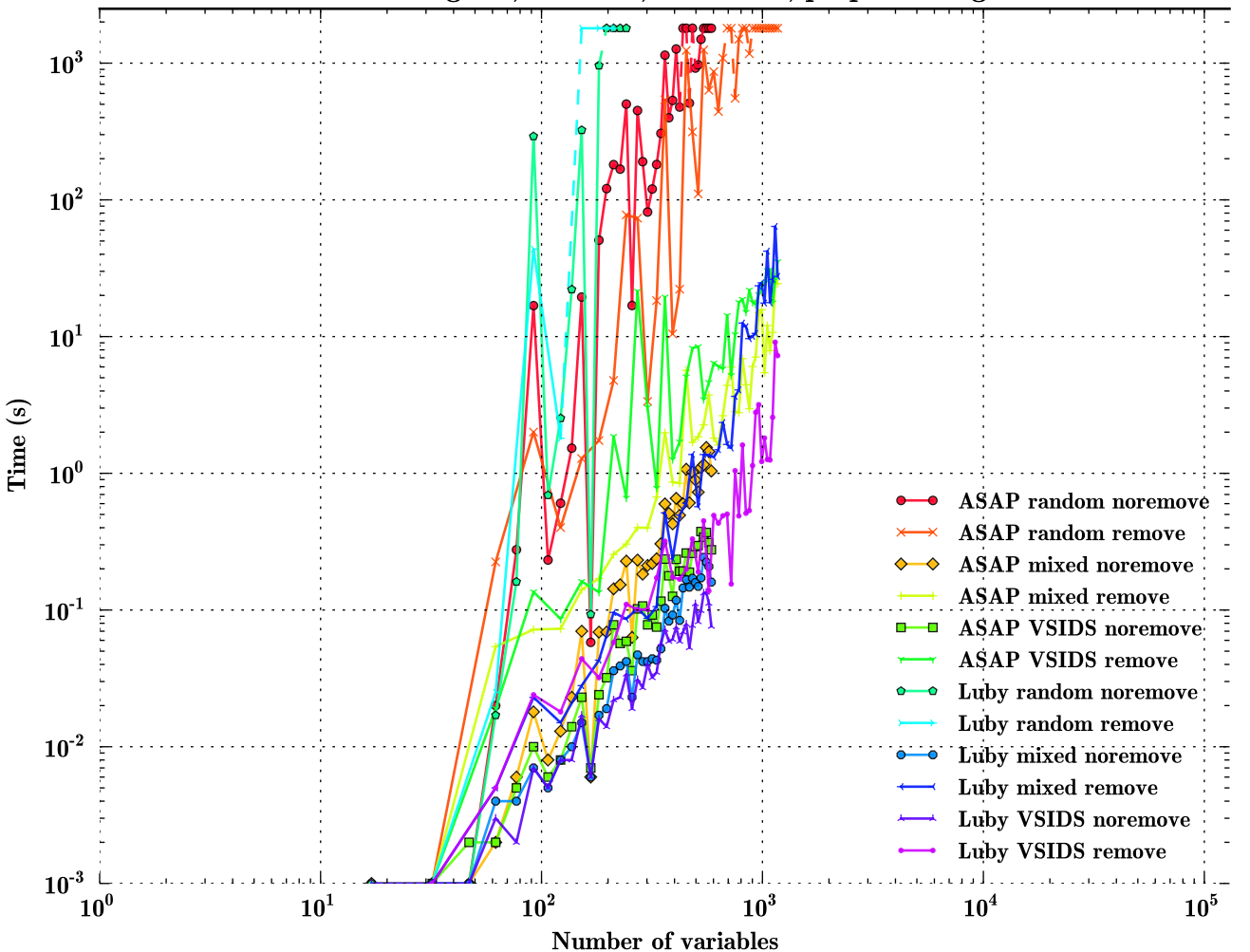
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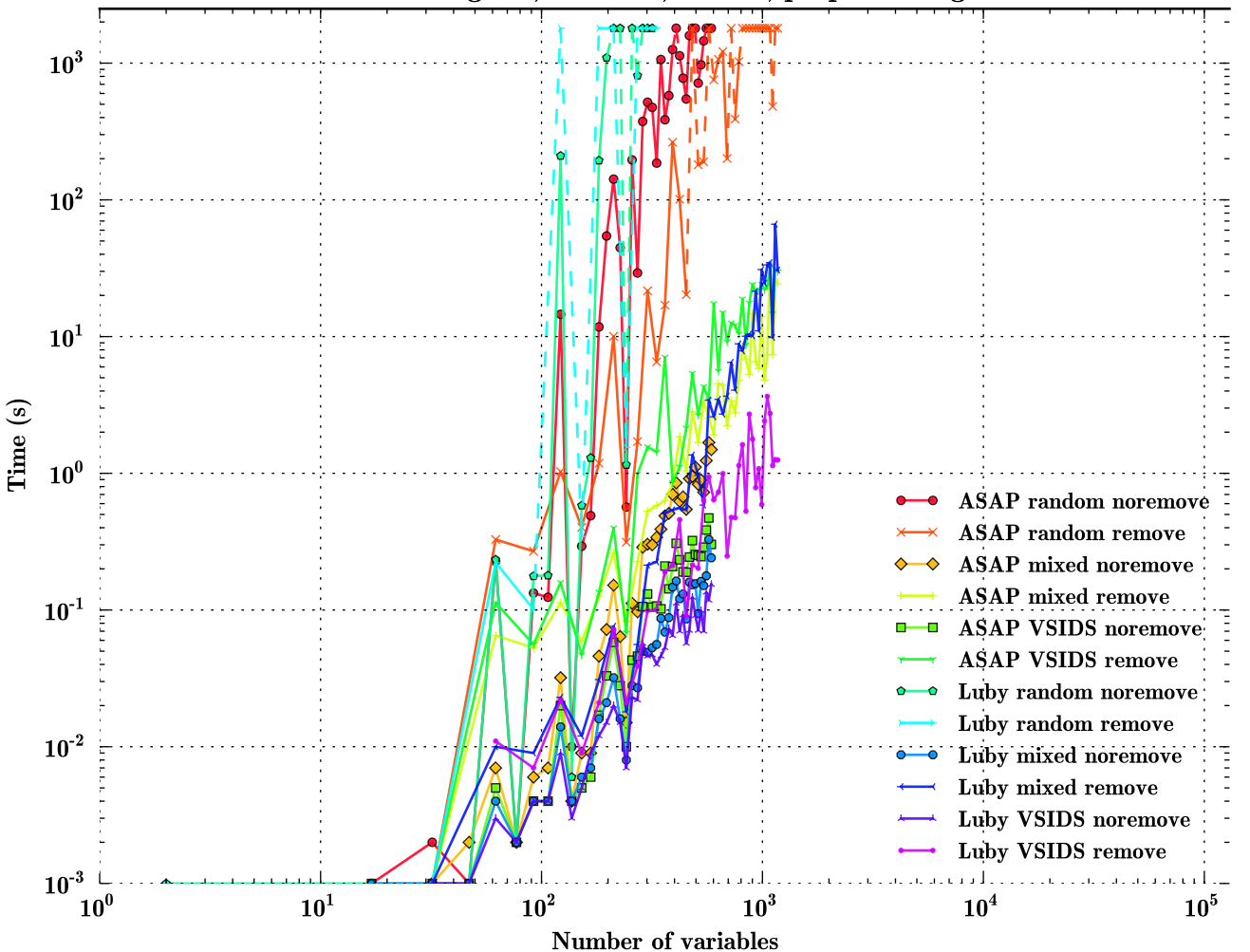
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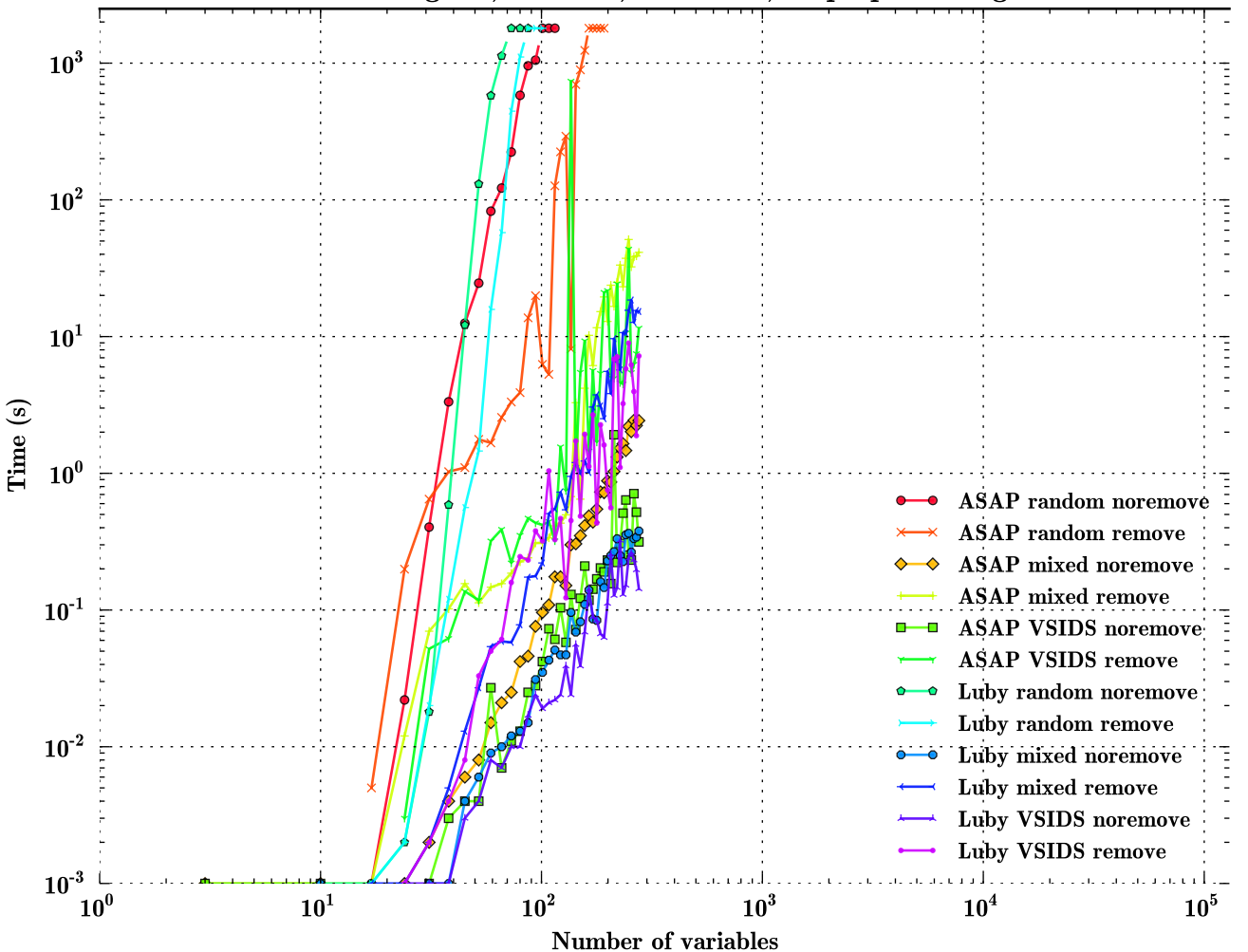
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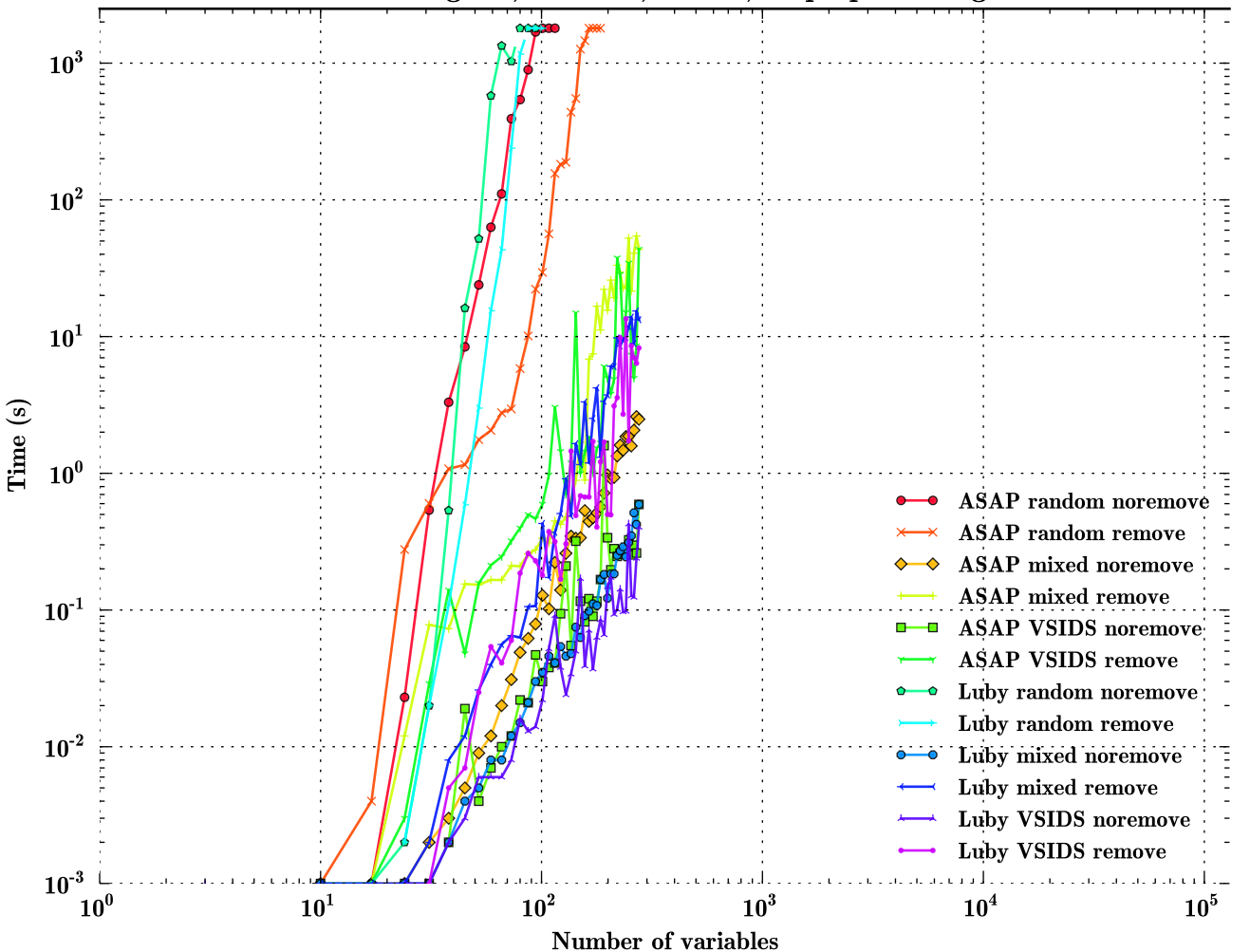
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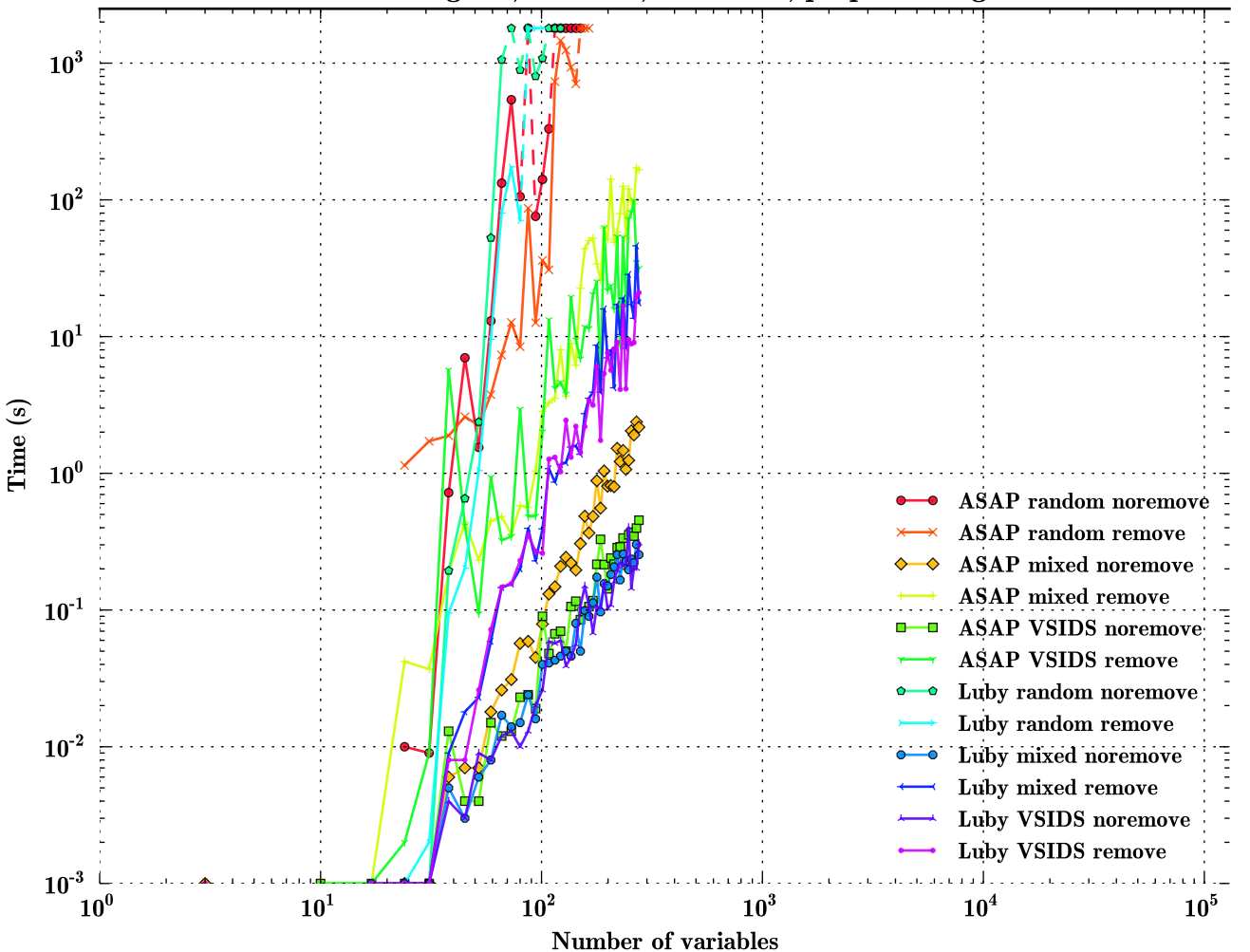
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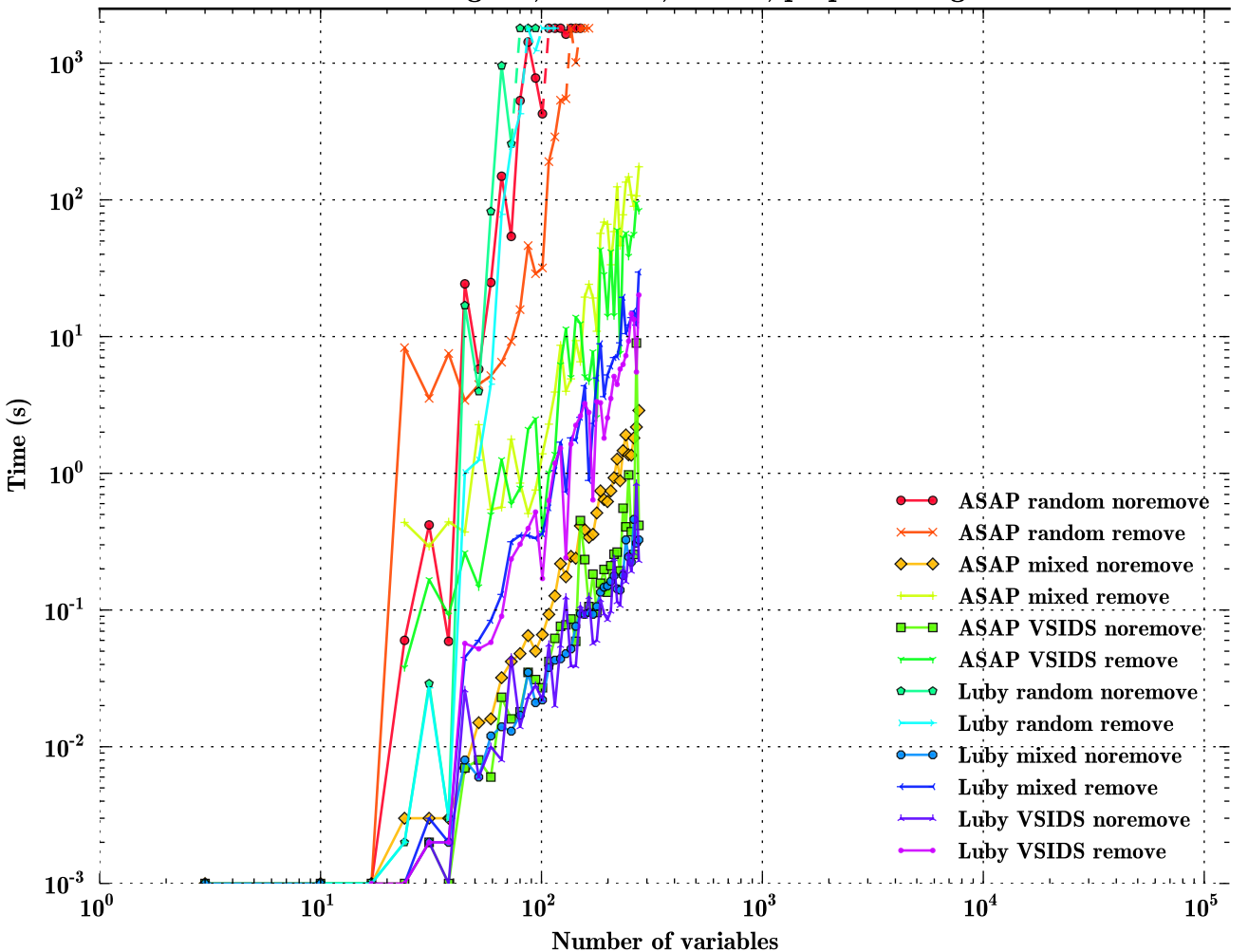
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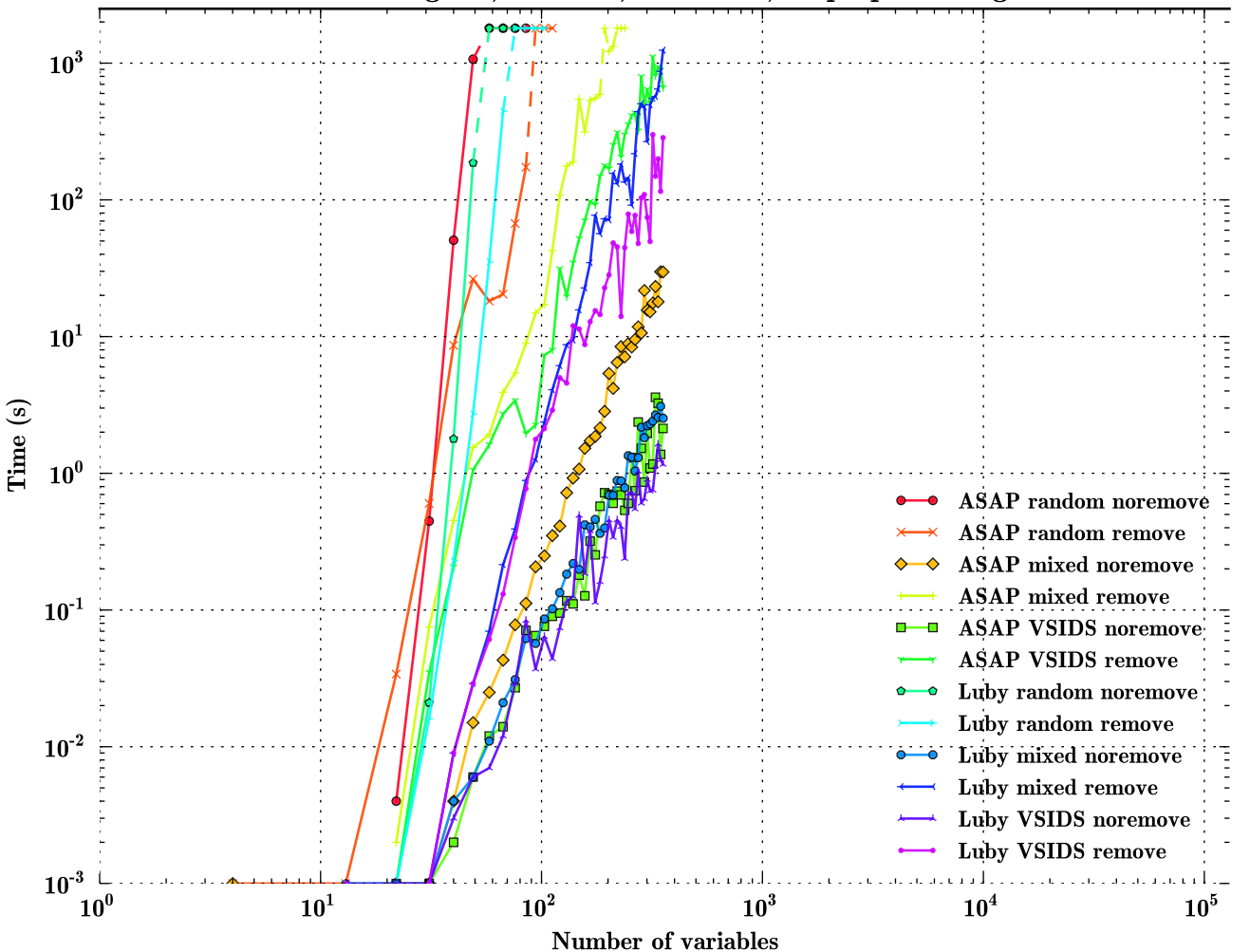
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Time (s)
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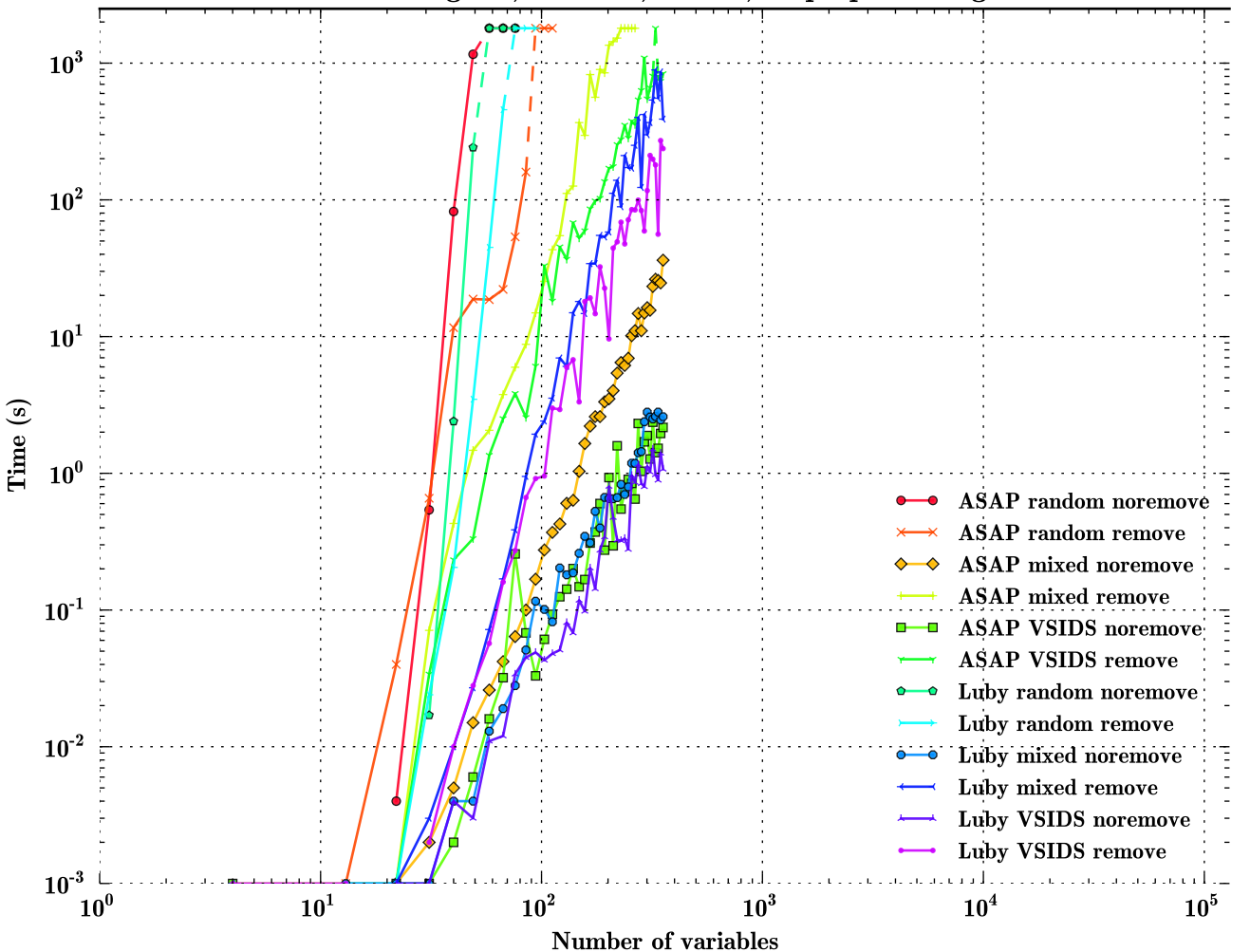
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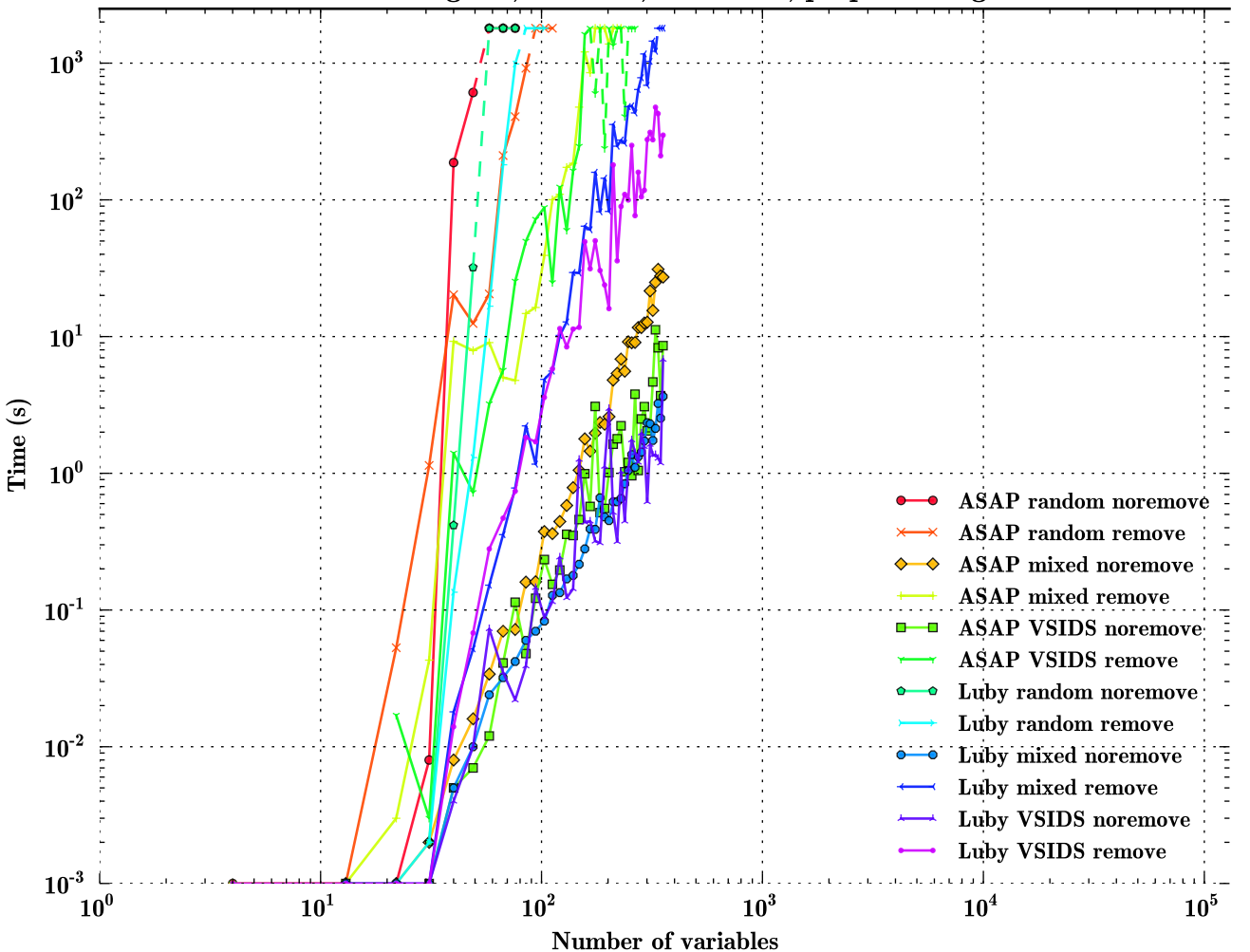
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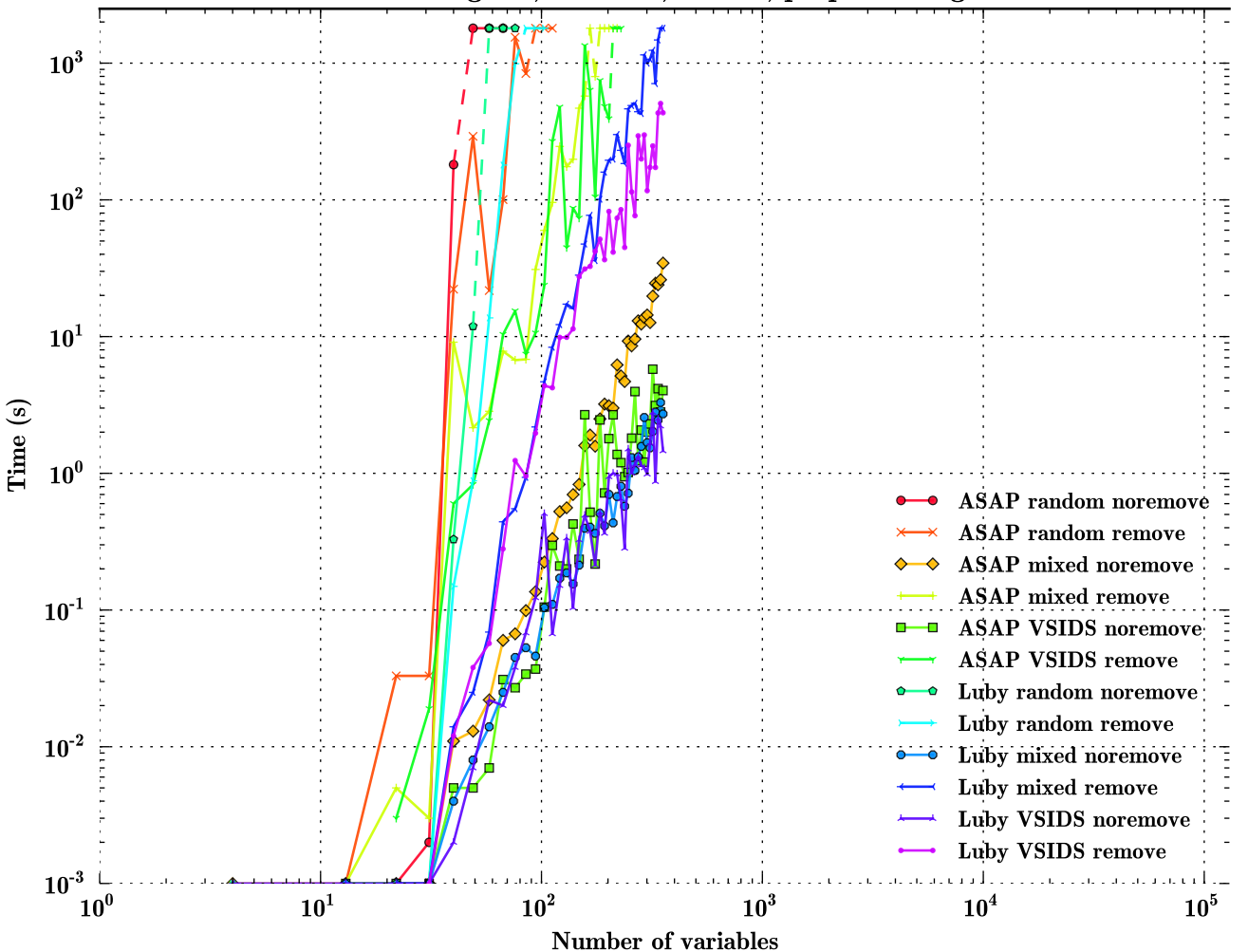
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