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	Research	Question
based meHow are	ethods in meta-a	nductive reasoning
	Backg	round
 whereas ind from given in Neuroscienti simultaneou essential to exceptions. Therefore, w processes. The necessity Conventiona zability. Newly-devel amount of co ould produce 	uctive reasoning is a nformation. Ists hardly tackle sly, instead, they u each reasoning ty re will perform meta- of developing advar l Meta-Analysis tool oped Bayesian Meta omputing resources. develop computatio ce generalized maps f	ess to draw definitive conclusion, process to find underlying relations ed both types of reasoning usually investigated brain regions pe separately, if any, with a few analysis, combining the two need meta-analysis ls (e.g., ALE, MKDA) lack generali- a-Analysis tools require substantial mally-efficient generative model that for both reasoning processes.
Database: Pub Publication Da Records ide databas	aing) AND (Transitive med ate: ~ 2019/12/31 entified through se searching = 986)	Additional records identified through other sources (n = 102)
<u> </u>	Records after dup (n = 9	olicates removed
	Records screened (n = 208) Full-text articles assessed for eligibilit	ty Full-text articles excluded, with reasons*
	(n = 112) Studies included in quantitative synthes	

(meta-analysis)

(n = **76**)

A meta-analysis study on deductive and inductive reasoning using Log-Gaussian Cox Processes

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