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Title (English)	
Model selection criteria in the NOIA framework for gene interaction	
Title (Swedish)	
Abstract	
Existing methods using model selection criteria in QTL analysis were surveyed, and an adaptation for the NOIA (Natural and Orthogonal InterActions) framework, including numerical integration over the model space, was proposed. The new method was validated on experimental and simulated data. Previous results regarding the Bayesian Information Criterion being unsuitable in QTL analysis are questioned.	
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Model selection, QTL, junglefowl, chicken, DIRECT, BIC, model averaging	
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