Propositions accompanying the thesis
Bayesian Variable Selection in High-dimensional Applications
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(1) "You are never given a dream without also being given the power to make it true." *(Richard Bach)*

(2) Advances in research technologies over the past few decades have encouraged the proliferation of massive datasets, revolutionizing statistical perspectives on high-dimensionality. *(this thesis)*

(3) Despite rapid developments in stochastic search algorithms, the practicality of Bayesian variable selection methods has continued to pose challenges. *(this thesis)*

(4) Ideally suited for high-dimensional "$p > n$" settings with many potential predictors, EMVS succeeds in finding interesting candidate models at a fraction of the time required for stochastic search. *(this thesis)*

(5) The speed of the algorithm makes it feasible to identify posterior modes over a whole sequence of mixture distributions with increasing spike variances. *(this thesis)*

(6) Bayesian variable selection provides a coherent framework for transmitting structural information by re-distributing probabilities over the model space. *(this thesis)*

(7) The pursuit of interdisciplinary research is one of the most inspirational human challenges.

(8) Intuition is our compass for the darkness of the unknown, our deep sense of right that we must listen to carefully, both in science and life.

(9) Moments of discovery are the mystical reminders that great things don't happen without perseverance.

(10) "One way to pick a future is to believe it is inevitable." *(Richard Bach)*