**Supplemental Figures**

**Supplemental figure 1:** Receiver Operator Characteristic curves of the logistic regression models for A. perinatal affective psychosis, B. depression in pregnancy, C. postpartum depression

A

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**B**

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**C**

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**Supplemental figure 2** Variable importance ranked according to the result of classification analyses using reinforced learning trees. Variable importance measure (y-axis) is calculated according to 1

Zhu R, Zeng D, Kosorok MR. Reinforcement Learning Trees. *J Am Stat Assoc* 2015; 110: 1770–84.

