

MODEL SELECTION

Selection Based On	μ	σ	β	τ
Brier Score	35	9	8	0.400
Error Rate	35	7.500	19.500	0.700

Table: Naïve Match Level Model Selection

MODEL SELECTION

Selection Based On	μ	σ	β	τ
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Error Rate	35	7.500	19.500	0.700

Table: Naïve Match Level Model Selection

Selection Based On	μ	σ	β	τ
Brier Score	35	8	21	0.020
Error Rate	35	8	18	0.020

Table: Naïve Point Level Model Selection

CROSS-VALIDATION GRAPHS

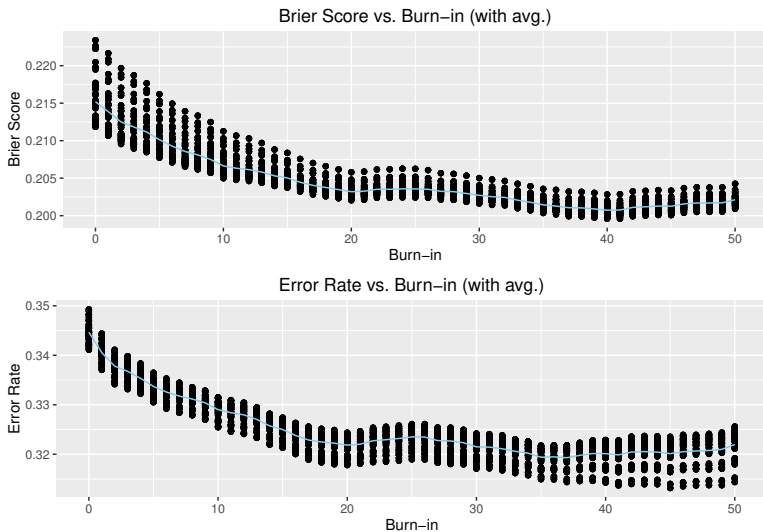
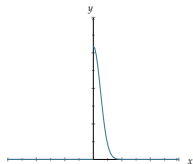
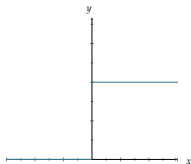
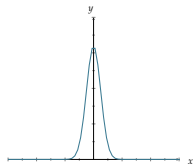
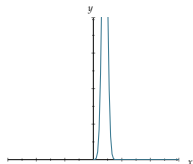
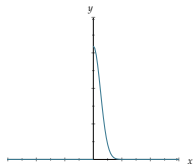
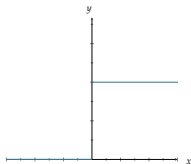
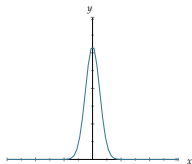


Figure: Match Level Brier Score/Error Rate Versus Burn-In

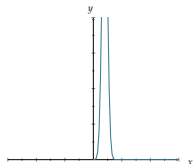
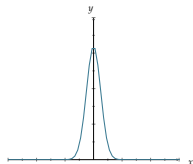
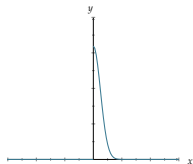
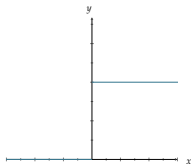
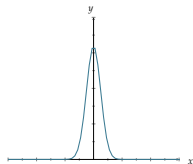
APPROXIMATE MESSAGE PASSING



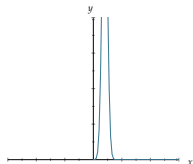
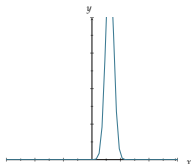
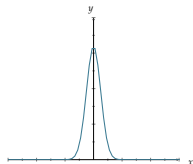
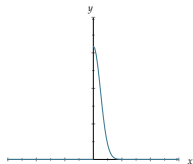
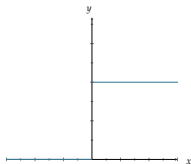
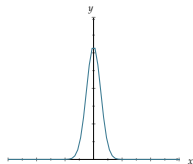
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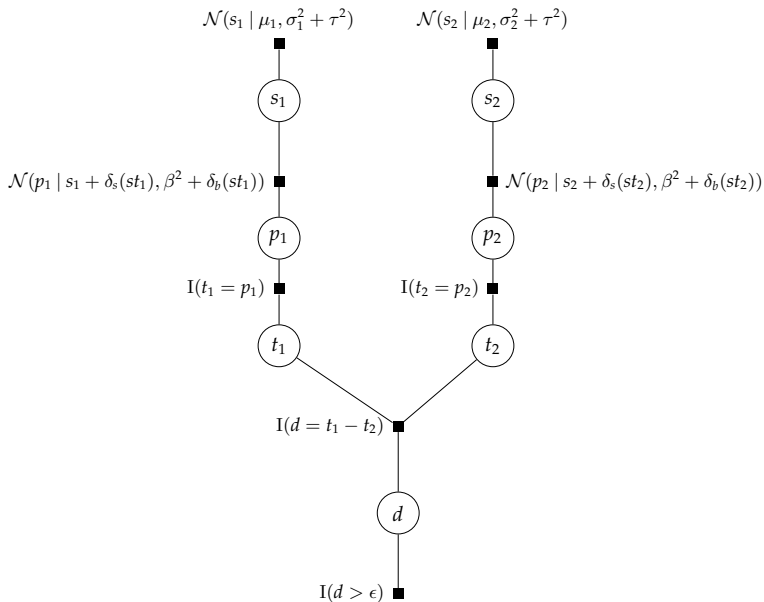
APPROXIMATE MESSAGE PASSING



APPROXIMATE MESSAGE PASSING



EXTENSION ATTEMPT 1



RESULT ON SYNTHETIC DATASET



RESULTS ON ATP DATASET

μ	σ	β	τ	μ_{adj}	σ_{adj}	τ_{adj}
35	8	10	0.020	0	2	0.02

Table: State-Aware Point Level Model Selection