

$$= \operatorname{argmax}_{1 \leq n \leq N} \ln(u^1) + \sum_{t=1}^T \{ \ln(d(t)) \text{ if } y_n g_t(x_n) < 0, -\ln(d(t)) \text{ if } y_n g_t(x_n) > 0 \}$$