



Baseline 1:

$$U(x_1, \dots, x_n, a_m'; \theta) = \theta_{(x_1, \dots, x_n, a_m')}$$

Baseline 2:

$$U(x_1, \dots, x_n, a_m'; \theta) = \sum_{i=1}^n \theta_{(x_i, a_m')}$$

vs

