



$$H_i = \{\mathbf{p} | \mathbf{n}_i^T \mathbf{p} \leq b_i\}$$

$$f = (1/n) \sum_{j=1}^n \sum_{l=1}^N f_{jl}(\mathbf{p}_j)$$

$$f_{jl}(\mathbf{p}_j) = \prod_{i=1}^{M_l} h(b_{li} - \mathbf{n}_{li}^T \mathbf{p}_j)$$

$$h(z) = [1 + \exp(-sz)]^{-1}$$