$$\mathbf{M_{gvn}:}$$
 $\mathbf{v}^{(+)}$ = $\mathbf{K_1}$ $\mathbf{v}^{(-)}$ + \cdots + $\mathbf{K_{l_k}}$ $\mathbf{v}^{(-)}$

$$\mathbf{M}^{(\mathbf{j})}_{\mathbf{prp}}$$
: $\mathbf{g}^{(+)} = \mathbf{K}_1$ $\mathbf{g}^{(-)}_{l_k} + \cdots + \mathbf{K}_{l_k}$ $\mathbf{g}^{(-)}_{l_k}$

Find: $\operatorname{argmax}_{j} I\left(\mathbf{y}^{(+)}, \mathbf{M}_{\mathbf{prp}}^{(\mathbf{j})} \middle| \mathbf{M}_{\mathbf{gvn}}\right)$