Obyrenne poumu pobonus Memogor: poi ntwise porirwise v listwise	
Conscerned Memoger List Net $ \frac{1}{ Q } = \frac{1}{ Q }$	
$\frac{\partial}{\partial w} DCGo u - ?$ $O(q,d): O(q,d_{m}) \ge O(q,d_{m}) \ge \cdots$ $Same were DCGO up ua: Sgony neuma: d, d, d, d, d_{3}$	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	
Pacauo mpubaem zanpoc q.	ノ 一
Hymno om pour mupob emb l, l ng Y1, Yng - women unsie oeseww pereban muocum 2, Zng - oesewar pereban muocum vy reogener	

Blegen pam pegenenne næ bæx nepermand næn

Ch-ba: 1) P2 (51) Jagaen pa enpegerence na Sn

2) Ti dibone d; , 2; >2;

Ti': van I, mance die d; (m.e. 51' syme,
ren T)

P2 (T') 2 P2 (T)

3) Mane. Bepos mus com une une copmu pobes
gony neumol no youb anus 2;
mun. beposmuocom - no bospo comanno 2:

Fig.: $\frac{1}{|Q|} \sum_{q \in Q} \sum_{\pi \in S_{n_q}} \frac{P_2(\pi) \cdot \mathcal{D}Cqou(\pi) \rightarrow max}{\sum_{j=1}^{n_q} \frac{exp(a(q, d_{(j)}))}{\sum_{u=j}^{n_q} exp(a(q, d_{(u)}))}}$

OF cycle combyem

n posseria: na! nepe conecesbon

Bapuaum 1 Creve pupo boumb un repl comandon uy P2 (51), cycleur pabame mortero no une

Bapuaum 2. Repeti my om Pt (II) le Pt (j)
lepas mes ems

nonogames d; us nephyro nojuguo

$$-\frac{1}{|Q|}\sum_{q\in Q}\sum_{j=1}^{n_q}P_y(j)\log P_2(j)-on munu zupyen$$

Rhocc - Jumpomes

0505 yeurore muen uoie negem (CLM)

luneiruas perpecus

$$\frac{1}{e} \exp\left(-\frac{ty_i - cw_i x_{i=1}}{2\sigma^2}\right)$$

Lomunecias perpecus

$$\rho(y \mid \mu(x)) : \mu(x)^{\frac{1}{2}} (1 - \mu(x))^{\frac{1}{2}}$$

y - crem rune coobennum

$$p(g|you) = e^{-\mu(x)} \frac{y(x)^{\frac{1}{2}}}{g!}$$

$$\mu(x) > 0$$

Il peg noco mun , mo neomuo ant y - my skano nemy.

They exp(
$$z$$
) is z in z i

Auropum u npuneneme all:

1) lagaen pacopeg. ug sucon. cemen comba: p(y|h(x))

- 2) a(x) = \psi(\lambda \wideha, x >) : \forall \lambda \lambda
- 3) unjen u repej noue. npoel gono god me