This summarizes work done in the second half of February 2014. Sudelbuch around page 1174.

We know $\hat{\alpha}_i$ and β_j as well as κ and $\hat{\kappa}$.

MAXENT and *Infomin* give us

$$M = \frac{1}{e} r s^{\mathsf{T}} \circ \kappa \tag{1}$$

$$\hat{M} = \frac{1}{e} \hat{r} \hat{s}^{\mathsf{T}} \circ \kappa \circ M \tag{2}$$

$$\beta_j = r_j \sum_{(k,j) \in K} s_k \tag{3}$$

$$\hat{\alpha}_i = \hat{s}_i \sum_{(i,l) \in \hat{K}} \hat{r}_l \tag{4}$$