Logistic Regression W/ K categories in the Response. The labels of the categories: C= {1, 2, ..., K} In the book:

The fook:

The fook TP[Y=Q|X=x] = e Bal + Bex, + ...+ Bex xe

1 + \sum_{k=1}^{K-1} e Bak + Bex, + ... + Bex