$$\min \sum_{i=1}^n b_i (|s_i|+d_i)^{-a_i} + \lambda \sum_{i=1}^n \max \left\{0,rac{b_i(|s_i|+d_i)^{-a_i}}{A}-1
ight\}$$
 subject to  $\sum_{i=1}^n C(s_i) imes d_i=B$