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1 Function  $Krimp(\mathcal{D}, \mathcal{F})$ 
   Data: Dataset  $\mathcal{D}$ , candidate set  $\mathcal{F}$ , both over a set of items  $\mathcal{I}$ 
   Result: Code table  $CT$ 
2  $CT \leftarrow \mathbf{Standard\ Code\ Table}(\mathcal{D});$ 
3  $\mathcal{F}_0 \leftarrow \mathcal{F}$  in Standard Candidate Order;
4 for  $F \in \mathcal{F}_0 \setminus \mathcal{I}$  do
   |  $CT_c \leftarrow (CT \cup F)$  in Standard Cover Order;
   | if  $L(\mathcal{D}, CT_c) < L(\mathcal{D}, CT)$  then
   | |  $CT \leftarrow CT_c;$ 
   | end
9 end
10 return  $CT;$ 

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