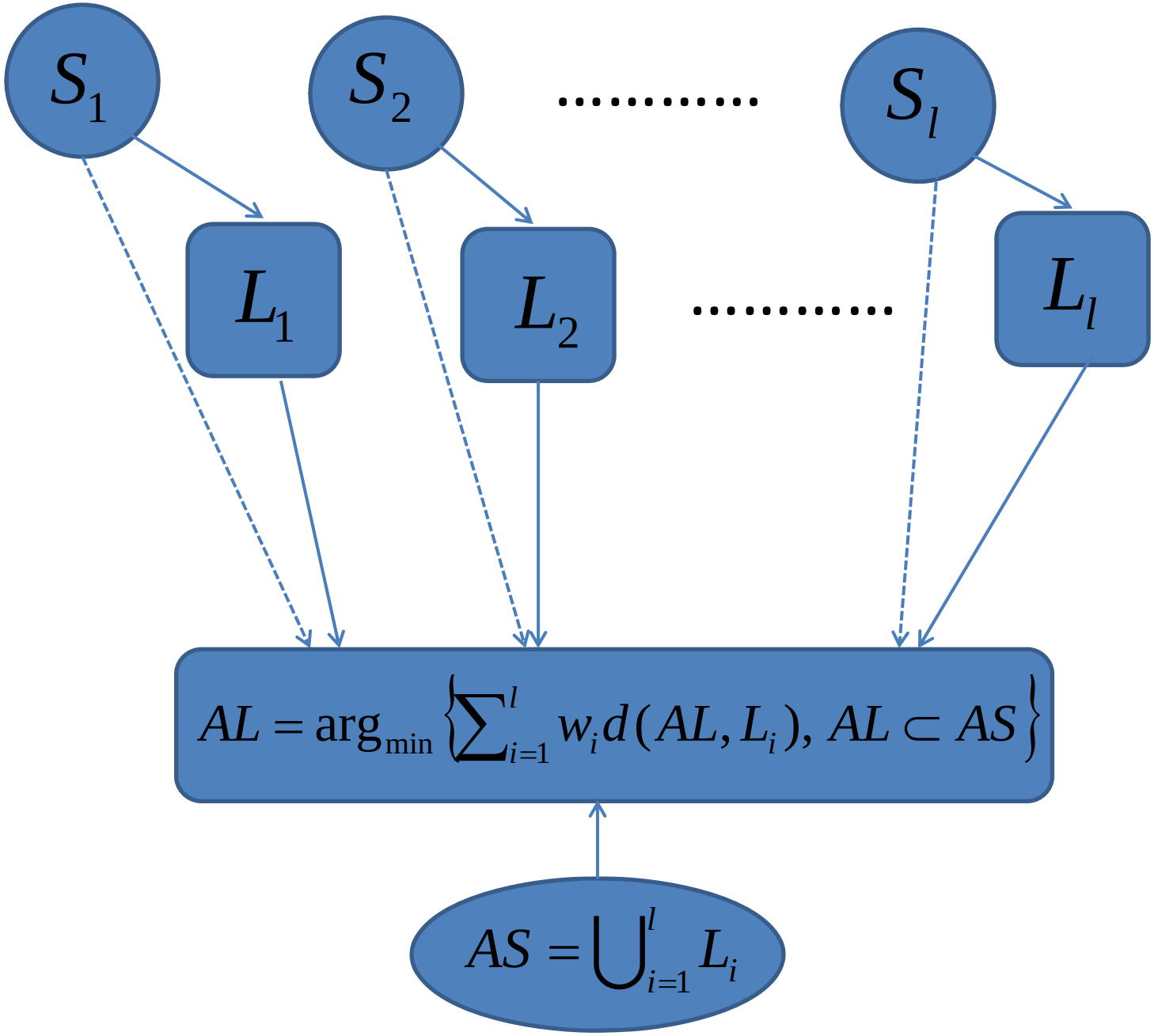
S_1
S_2
S_l
L_1
L_2
L_l
$AL = \arg_{\min} \left\{ \sum_{i=1}^{l} w_i d(AL, L_i),\ AL \subset AS \right\}$
$AS = \bigcup_{i=1}^{l} L_i$