|  |  |
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| 算法: 基于在线随机森林的统计翻译模型 | |
| 输入: 双语短语对，源语言短语对应的随机森林，中决策树的数量 | |
| 输入: 最小样本数阈值，最大信息增益阈值，动态加权最小样本数阈值 | |
| 输出: 更新后的随机森林 | |
| 1: | //针对所有森林中的所有决策树 |
| 2: | **for  do** |
| 3: |  |
| 4: | **if  then** |
| 5 | //更新次 |
| 6: | **for  do** |
| 7: |  |
| 8: |  |
| 9: | **if  and  then** |
| 10: | //搜索最佳的决策因子 |
| 11: |  |
| 12: |  |
| 13: |  |
| 14: | **end if** |
| 15 | **end for** |
| 16: | **else** |
| 17: |  |
| 18: |  |
| 19: | **end if** |
| 20: | **end for** |
| 21: |  |
| 22: | **function** |
| 23: |  |
| 24: | **if  and  then** |
| 25 | //移除该决策树 |
| 26: |  |
| 27: | **end if** |
| 28: | **end function** |