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| **序号** | **标题** | **测试数据** | **输入数据** | **期望输出** |
| 1 | app端，item\_id列表1个，x、y满足附近搜索，推荐poi列表与x、y距离部分大于8km，过滤之后的poi列表与分值正确返回。 | bnitems 9991479517896860251 13430986.75 3233969.82 178 8344169398048163070 0.0021 3.9673467 13434320.20 3230965.00 178 川妹火锅黎明旗舰店  bnitems 9991479517896860251 13430986.75 3233969.82 178 8344169398048163071 0.0022 4.9673467 13434321.20 3230966.00 178 乡间印象  bnitems 9991479517896860251 13430986.75 3233969.82 178 8344169398048163072 0.0023 7.9673467 11434321.20 3230966.00 178 距离大于8KM  bnitems 9991479517896860251 13430986.75 3233969.82 178 8344169398048163073 0.0024 7.9673467 13434321.20 3230965.00 178 距离小于8KM | 0  13430985.75  3233968.82  178  9991479517896860251 | [8344169398048163073,1,1.34343e+07,3.23096e+06,距离小于8KM]  [8344169398048163071,0.666667,1.34343e+07,3.23097e+06,乡间印象]  [8344169398048163070,0.333333,1.34343e+07,3.23096e+06,川妹火锅黎明旗舰店] |
| 2 | app端，item\_id列表1个，x、y满足附近搜索，推荐poi列表与x、y距离全部大于8km，返回与x、y最近的poi。 | bnitems 9991479517896860252 13430986.75 3233969.82 178 8344169398048163073 0.0025 7.9673467 11434321.20 3230965.00 178 距离大于8KM001  bnitems 9991479517896860252 13430986.75 3233969.82 178 8344169398048163074 0.0025 7.9673467 11434321.20 1230965.00 178 距离大于8KM002  bnitems 9991479517896860252 13430986.75 3233969.82 178 8344169398048163075 0.0025 7.9673467 1434321.20 230965.00 178 距离大于8KM003 | 0  13430985.75  3233968.82  178  9991479517896860252 | [8344169398048163073,1,1.14343e+07,3.23096e+06,距离大于8KM001] |
| 3 | app端，item\_id列表1个，x、y不满足附近搜索，取item\_id推荐poi列表，分值改写之后正确返回。 | bnitems 9991479517896860253 11430986.75 3233969.82 178 8344169398048163076 0.0021 3.9673467 13434320.20 3230965.00 178 不满足附近搜索001  bnitems 9991479517896860253 12430986.75 3233969.82 178 8344169398048163077 0.0021 3.9673467 13434320.20 3230965.00 178 不满足附近搜索002 | 0  13430985.75  3233968.82  178  9991479517896860253 | [8344169398048163077,1,1.34343e+07,3.23096e+06,不满足附近搜索002]  [8344169398048163076,0.5,1.34343e+07,3.23096e+06,不满足附近搜索001] |
| 4 | app端，item\_id列表多个，x、y满足附近搜索，item\_id排序正确，item\_id对应的推荐列表与x、y距离过滤，过滤之后多个item\_id对应的推荐列表不全为空，返回正确的融合列表、分值计算正确。 | bnitems 9991479517896860254 13430996.75 3233999.82 178 8344169398048163078 0.0023 3.9673467 13434320.20 3230965.00 178 附近搜索001满足  bnitems 9991479517896860254 13430996.75 3233999.82 178 8344169398048163079 0.0022 3.9673467 13434321.20 3230966.00 178 附近搜索002满足  bnitems 9991479517896860255 13430986.75 3233969.82 178 8344169398048163080 0.0021 3.9673467 13434322.20 3230967.00 178 附近搜索002满足  bnitems 9991479517896860255 13430986.75 3233969.82 178 8344169398048163081 0.0021 3.9673467 3434320.20 230965.00 178 附近搜索002满足  bnitems 9991479517896860256 3430990.75 233973.82 178 8344169398048163082 0.0021 3.9673467 13434321.20 3230965.00 178 附近搜索002不满足  bnitems 9991479517896860256 3430990.75 233973.82 178 8344169398048163083 0.0022 3.9673467 13434322.20 3230965.00 178 附近搜索002不满足 | 0  13430985.75  3233968.82  178  9991479517896860254  9991479517896860255  9991479517896860256 | [8344169398048163080,1,1.34343e+07,3.23097e+06,附近搜索002满足]  [8344169398048163078,0.8,1.34343e+07,3.23096e+06,附近搜索001满足]  [8344169398048163083,0.6,1.34343e+07,3.23096e+06,附近搜索002不满足]  [8344169398048163079,0.4,1.34343e+07,3.23097e+06,附近搜索002满足]  [8344169398048163082,0.2,1.34343e+07,3.23096e+06,附近搜索002不满足] |
| 5 | app端，item\_id列表多个，x、y满足附近搜索，item\_id排序正确，item\_id对应的推荐列表与x、y距离过滤，过滤之后多个item\_id对应的推荐列表全部为空，返回与x、y最近的推荐poi。 | bnitems 9991479517896860257 13430986.75 3233969.82 178 8344169398048163084 0.0021 3.9673467 3434322.20 230967.00 178 附近搜索002满足  bnitems 9991479517896860257 13430986.75 3233969.82 178 8344169398048163085 0.0021 3.9673467 2434320.20 230965.00 178 附近搜索002满足  bnitems 9991479517896860258 3430990.75 233973.82 178 8344169398048163086 0.0021 3.9673467 1434321.20 230965.00 178 附近搜索002不满足  bnitems 9991479517896860258 3430990.75 233973.82 178 8344169398048163087 0.0022 3.9673467 434322.20 230965.00 178 附近搜索002不满足 | 0  13430985.75  3233968.82  178  9991479517896860257  9991479517896860258 | [8344169398048163084,1,3.43432e+06,230967,附近搜索002满足] |
| 6 | app端，item\_id列表多个，x、y不满足附近搜索，取多个item\_id推荐列表，位置融合、计算分值之后正确返回。 | bnitems 9991479517896860259 3430990.75 233973.82 178 8344169398048163088 0.0021 3.9673467 1434321.20 230965.00 178 附近搜索002不满足  bnitems 9991479517896860259 3430990.75 233973.82 178 8344169398048163089 0.0022 3.9673467 434322.20 230965.00 178 附近搜索002不满足  bnitems 9991479517896860260 3430990.75 233973.82 178 8344169398048163090 0.0024 3.9673467 1434321.20 230965.00 178 附近搜索002不满足  bnitems 9991479517896860260 3430990.75 233973.82 178 8344169398048163091 0.0023 3.9673467 434322.20 230965.00 178 附近搜索002不满足 | 0  13430985.75  3233968.82  178  9991479517896860259  9991479517896860260 | [8344169398048163089,1,434322,230965,附近搜索002不满足]  [8344169398048163090,0.75,1.43432e+06,230965,附近搜索002不满足]  [8344169398048163088,0.5,1.43432e+06,230965,附近搜索002不满足]  [8344169398048163091,0.25,434322,230965,附近搜索002不满足] |
| 7 | pc端，item\_id列表1个，item\_id的city\_id与查询area\_id不匹配，返回item\_id推荐poi列表，计算分值，正确返回。 | bnitems 9991479517896860261 13430986.75 3233969.82 179 8344169398048163092 0.0022 3.9673467 13434320.20 3230965.00 178 city不匹配001  bnitems 9991479517896860261 13430986.75 3233969.82 180 8344169398048163093 0.0021 3.9673467 13434320.20 3230965.00 178 city不匹配002 | 1  13430985.75  3233968.82  178  9991479517896860261 | [8344169398048163092,1,1.34343e+07,3.23096e+06,city不匹配001]  [8344169398048163093,0.5,1.34343e+07,3.23096e+06,city不匹配002] |
| 8 | pc端，item\_id列表1个，item\_id的city\_id与查询area\_id匹配，返回item\_id推荐poi列表，计算分值，正确返回。 | bnitems 9991479517896860262 13430986.75 3233969.82 178 8344169398048163094 0.0022 3.9673467 13434320.20 3230965.00 178 city匹配001  bnitems 9991479517896860262 13430986.75 3233969.82 178 8344169398048163095 0.0023 3.9673467 13434320.20 3230965.00 178 city匹配002 | 1  13430985.75  3233968.82  178  9991479517896860262 | [8344169398048163095,1,1.34343e+07,3.23096e+06,city匹配002]  [8344169398048163094,0.5,1.34343e+07,3.23096e+06,city匹配001] |
| 9 | pc端，item\_id列表多个，item\_id的city\_id与查询area\_id部分不匹配，不匹配的item\_id正确过滤掉，返回剩余item\_id推荐poi列表（item\_id还剩余1个），计算分值，正确返回。 | bnitems 9991479517896860263 13430986.75 3233969.82 178 8344169398048163096 0.0022 3.9673467 13434320.20 3230965.00 178 city匹配001  bnitems 9991479517896860263 13430986.75 3233969.82 178 8344169398048163097 0.0023 3.9673467 13434320.20 3230965.00 178 city匹配002  bnitems 9991479517896860264 13430986.75 3233969.82 179 8344169398048163098 0.0024 3.9673467 13434320.20 3230965.00 178 city不匹配001  bnitems 9991479517896860264 13430986.75 3233969.82 179 8344169398048163099 0.0025 3.9673467 13434320.20 3230965.00 178 city不匹配002 | 1  13430985.75  3233968.82  178  9991479517896860263  9991479517896860264 | [8344169398048163097,1,1.34343e+07,3.23096e+06,city匹配002]  [8344169398048163096,0.5,1.34343e+07,3.23096e+06,city匹配001] |
| 10 | pc端，item\_id列表多个，item\_id的city\_id与查询area\_id部分不匹配，不匹配的item\_id正确过滤掉，返回剩余item\_id推荐poi列表（item\_id还剩余多个），推荐poi融合，计算分值，正确返回。 | bnitems 9991479517896860265 13430986.75 3233969.82 178 8344169398048163096 0.0022 3.9673467 13434320.20 3230965.00 178 city匹配001  bnitems 9991479517896860265 13430986.75 3233969.82 178 8344169398048163097 0.0023 3.9673467 13434320.20 3230965.00 178 city匹配002  bnitems 9991479517896860266 13430986.75 3233969.82 179 8344169398048163098 0.0024 3.9673467 13434320.20 3230965.00 178 city不匹配001  bnitems 9991479517896860266 13430986.75 3233969.82 179 8344169398048163099 0.0025 3.9673467 13434320.20 3230965.00 178 city不匹配002  bnitems 9991479517896860267 13430986.75 3233969.82 178 8344169398048163100 0.0027 3.9673467 13434320.20 3230965.00 178 city匹配001  bnitems 9991479517896860267 13430986.75 3233969.82 178 8344169398048163101 0.0026 3.9673467 13434320.20 3230965.00 178 city匹配002 | 1  13430985.75  3233968.82  178  9991479517896860265  9991479517896860266  9991479517896860267 | [8344169398048163097,1,1.34343e+07,3.23096e+06,city匹配002]  [8344169398048163100,0.75,1.34343e+07,3.23096e+06,city匹配001]  [8344169398048163096,0.5,1.34343e+07,3.23096e+06,city匹配001]  [8344169398048163101,0.25,1.34343e+07,3.23096e+06,city匹配002] |
| 12 | 算法id错误，返回空结果。 |  |  | PASS |
| 13 | source类型错误， source错误，依然会有结果返回，所有策略不生效，会返回原始推荐序的融合位置序，但是返回分值无意义） |  |  | PASS |
| 14 | app端，x、y请求参数未传递，返回失败。（app无xy，走非附近搜索的逻辑） |  |  | PASS |
| 15 | pc端，传递x、y请求参数， Pc端传xy，对逻辑无影响，依然走正常pc逻辑。 |  |  | PASS |
| 16 | pc端，未传递areaid请求参数，返回失败。（不传areaid，默认为0，走pc回滚逻辑） |  |  | PASS |
| 17 | Item\_id列表为空，返回空列表。 |  |  | PASS |
| 19 | redis中，Item\_id不存在，返回空结果。 |  |  | PASS |
| 20 | 分析性能瓶颈在redis数据量较大时，查询poi推荐poi时间复杂度较大，可根据线上数据量预置数据进行测试。 |  |  |  |