| Property | transitive | symmetric | reflexive | intransitive | asymmetric (implies irreflexive) | irreflexive |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| P5 consists of (forms part of) | x |  |  |  | x | x |
| P9 consists of (forms part of) | X |  |  |  | X | X |
| P10 falls within (contains) | x |  | x |  |  |  |
| P46 is composed of (forms part of) | X |  |  |  | X | X |
| P69 has association with (is associated with) |  |  |  |  |  |  |
| P73i has translation (is translation of) |  |  |  |  | x | x |
| P86 falls within (contains) | x |  | x |  |  |  |
| P89 falls within (contains) | x |  | X |  |  |  |
| P106 is composed of (forms part of) | X |  |  |  | x | x |
| P121 overlaps with |  | x | x |  |  |  |
| P122 borders with |  | X |  |  |  |  |
| P 127 has broader term (has narrower term) | x |  |  |  | X | X |
| P130 shows features of (features are also found on) |  |  |  |  |  | X |
| P132 spatiotemporally overlaps with |  | x | x |  |  |  |
| P133 is spatiotemporally separated from |  | X |  |  |  | X |
| P134 continued (was continued by) |  |  |  |  | x | X |
| P139 has alternative form |  |  |  |  |  | X |
| P148 has component (is component of) | x |  |  |  | X | X |
| P150 defines typical parts of (defines typical wholes for) |  |  |  |  | X | X |
| P152 has parent (is parent of) |  |  |  |  |  | X |
| P165 incorporates (is incorporated in) |  |  |  |  | X | X |
| P173 starts before or with the end of (ends after or with the start of |  |  |  | X |  |  |
| P174 starts before the end of (ends after the start of) |  |  |  |  |  | X |
| P175 starts before or with the start of (starts after or with the start of) |  |  |  |  |  | X |
| P176 starts before the start of (starts after the start of) | x |  |  |  | X | X |
| P182 ends before or with the start of (starts after or with the end of) | X |  |  |  | X | X |
| P183 ends before the start of (starts after the end of) | X |  |  |  | X | X |
| P184 ends before or with the end of (ends with or after the end of) |  |  |  |  |  | X |
| P185 ends before the end of (ends after the end of) | X |  |  |  | x | X |
| P189 approximates (is approximated by) |  |  | x |  |  |  |
| P198 holds or supports (is held or supported by) | X |  |  |  | X | X |

