|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| v1 | |  |  |  | | --- | --- | --- | | 0.2 | 0.5 | 0.1 | | 0.15 | 0.05 |  | | v6 | |  |  | | --- | --- | | 0.6 | 0.2 | | 0.1 | 0.1 | |
| v2 | |  |  | | --- | --- | | 0.25 | 0.3 | | 0.16 | 0.29 | | v7 | |  |  |  | | --- | --- | --- | | 0.5 | 0.25 | 0.2 | |
| v3 | |  |  |  | | --- | --- | --- | | 0.2 | 0.3 | 0.1 | | 0.1 | 0.15 | 0.15 | | v8 | |  |  | | --- | --- | | 0.25 | 0.36 | | 0.14 | 0.25 | |
| v4 | |  |  | | --- | --- | | 0.25 | 0.35 | | 0.25 | 0.15 | | v9 | |  |  |  | | --- | --- | --- | | 0.7 | 0.15 | 0.15 | |
| v5 | |  |  |  | | --- | --- | --- | | 0.16 | 0.18 | 0.14 | | 0.3 | 0.22 |  | | v10 | |  |  |  | | --- | --- | --- | | 0.18 | 0.24 |  | | 0.34 | 0.1 | 0.14 | |

|  |  |
| --- | --- |
| 1-tree |  |
| 2-tree |  |
| 3-tree |  |

3-PES=(v10, v8, v9, v7, v5, v6, v4, v3, v2, v1)