Table 3 The similarity between cell subtypes at different time on the same trajectory

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | groups |  |  |  |
| 1. | IVH\_S-IVH\_1d | NA | NA | 0.5589887640449438 |
| 2. | IVH\_S-IVH\_3d | 0.5755102040816327 | NA | 0.5597826086956522 |
| 3. | IVH\_S-IVH\_7d | 0.5844444444444444 | NA | 0.611764705882353 |
| 4. | IVH\_1d-IVH\_3d | NA | 0.5176470588235295 | 0.5833333333333334 |
| 5. | IVH\_3d-IVH\_7d | 0.5058823529411764 | 0.5029585798816568 | 0.5805555555555556 |
| 6. | IVH\_1d-IVH\_7d | NA | 0.6711409395973155 | 0.5895953757225434 |

Note: The positive and negative correlations ( +/-) between genes and trajectories are considered in the similarity calculation process.