cluster10\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.008 | 0.108 | 0.034 | 0.062 | 0.315 | 0.016 | 0.073 | 0.002 | 0.322 | 0.036 | 0.023 |
| bII | 0.333 | 0.0 | 0.5 | 0.083 | 0.0 | 0.0 | 0.083 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.048 | 0.012 | 0.0 | 0.0 | 0.032 | 0.046 | 0.0 | 0.801 | 0.0 | 0.023 | 0.034 | 0.004 |
| bIII | 0.063 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.344 | 0.344 | 0.0 | 0.0 | 0.0 |
| III | 0.007 | 0.029 | 0.06 | 0.014 | 0.0 | 0.132 | 0.0 | 0.035 | 0.0 | 0.709 | 0.014 | 0.0 |
| IV | 0.501 | 0.0 | 0.065 | 0.0 | 0.071 | 0.0 | 0.012 | 0.262 | 0.004 | 0.026 | 0.051 | 0.009 |
| bV | 0.111 | 0.0 | 0.111 | 0.0 | 0.111 | 0.222 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.111 |
| V | 0.762 | 0.0 | 0.038 | 0.005 | 0.052 | 0.075 | 0.004 | 0.0 | 0.0 | 0.055 | 0.008 | 0.002 |
| bVI | 0.222 | 0.333 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.111 |
| VI | 0.039 | 0.0 | 0.763 | 0.0 | 0.031 | 0.092 | 0.0 | 0.063 | 0.0 | 0.0 | 0.0 | 0.013 |
| bVII | 0.17 | 0.0 | 0.03 | 0.0 | 0.121 | 0.067 | 0.0 | 0.303 | 0.0 | 0.273 | 0.0 | 0.036 |
| VII | 0.105 | 0.0 | 0.105 | 0.0 | 0.754 | 0.035 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster10\_10

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.093 | 0.023 | 0.034 | 0.542 | 0.0 | 0.225 | 0.03 | 0.009 | 0.038 | 0.006 |
| bII | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.247 | 0.038 | 0.0 | 0.038 | 0.007 | 0.41 | 0.019 | 0.124 | 0.0 | 0.077 | 0.038 | 0.0 |
| bIII | 0.239 | 0.091 | 0.284 | 0.0 | 0.0 | 0.023 | 0.0 | 0.167 | 0.167 | 0.0 | 0.03 | 0.0 |
| III | 0.088 | 0.012 | 0.206 | 0.059 | 0.0 | 0.318 | 0.0 | 0.0 | 0.0 | 0.318 | 0.0 | 0.0 |
| IV | 0.112 | 0.0 | 0.01 | 0.023 | 0.019 | 0.0 | 0.0 | 0.813 | 0.012 | 0.01 | 0.002 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 |
| V | 0.746 | 0.002 | 0.014 | 0.003 | 0.011 | 0.167 | 0.0 | 0.0 | 0.017 | 0.028 | 0.011 | 0.0 |
| bVI | 0.208 | 0.0 | 0.018 | 0.0 | 0.0 | 0.226 | 0.0 | 0.295 | 0.0 | 0.071 | 0.181 | 0.0 |
| VI | 0.125 | 0.05 | 0.132 | 0.014 | 0.169 | 0.102 | 0.0 | 0.308 | 0.05 | 0.0 | 0.05 | 0.0 |
| bVII | 0.183 | 0.0 | 0.0 | 0.167 | 0.0 | 0.304 | 0.0 | 0.167 | 0.139 | 0.042 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.125 | 0.875 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster10\_2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.002 | 0.01 | 0.01 | 0.038 | 0.418 | 0.0 | 0.451 | 0.011 | 0.032 | 0.027 | 0.002 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.25 | 0.167 | 0.0 | 0.0 | 0.25 |
| II | 0.171 | 0.0 | 0.0 | 0.0 | 0.123 | 0.456 | 0.0 | 0.132 | 0.0 | 0.118 | 0.0 | 0.0 |
| bIII | 0.458 | 0.0 | 0.0 | 0.0 | 0.0 | 0.542 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.187 | 0.0 | 0.234 | 0.0 | 0.0 | 0.359 | 0.0 | 0.135 | 0.0 | 0.083 | 0.0 | 0.0 |
| IV | 0.792 | 0.0 | 0.016 | 0.003 | 0.017 | 0.0 | 0.006 | 0.115 | 0.01 | 0.029 | 0.012 | 0.0 |
| bV | 0.667 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.103 | 0.0 | 0.026 | 0.005 | 0.008 | 0.781 | 0.003 | 0.0 | 0.0 | 0.057 | 0.018 | 0.0 |
| bVI | 0.187 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 | 0.25 | 0.0 | 0.0 | 0.187 | 0.0 | 0.0 |
| VI | 0.157 | 0.0 | 0.155 | 0.0 | 0.152 | 0.226 | 0.0 | 0.221 | 0.036 | 0.0 | 0.054 | 0.0 |
| bVII | 0.532 | 0.0 | 0.05 | 0.0 | 0.0 | 0.224 | 0.0 | 0.161 | 0.033 | 0.0 | 0.0 | 0.0 |
| VII | 0.0 | 0.5 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster10\_3

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.006 | 0.024 | 0.055 | 0.013 | 0.398 | 0.0 | 0.402 | 0.035 | 0.028 | 0.026 | 0.011 |
| bII | 0.3 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | 0.2 | 0.0 |
| II | 0.312 | 0.075 | 0.0 | 0.033 | 0.113 | 0.192 | 0.012 | 0.121 | 0.05 | 0.05 | 0.042 | 0.0 |
| bIII | 0.125 | 0.071 | 0.054 | 0.0 | 0.0 | 0.439 | 0.0 | 0.119 | 0.054 | 0.0 | 0.138 | 0.0 |
| III | 0.097 | 0.0 | 0.024 | 0.176 | 0.0 | 0.353 | 0.0 | 0.115 | 0.0 | 0.235 | 0.0 | 0.0 |
| IV | 0.761 | 0.0 | 0.025 | 0.027 | 0.004 | 0.0 | 0.007 | 0.086 | 0.041 | 0.013 | 0.036 | 0.0 |
| bV | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.904 | 0.0 | 0.011 | 0.002 | 0.009 | 0.036 | 0.002 | 0.0 | 0.016 | 0.013 | 0.005 | 0.002 |
| bVI | 0.176 | 0.042 | 0.0 | 0.038 | 0.021 | 0.069 | 0.0 | 0.376 | 0.0 | 0.0 | 0.257 | 0.021 |
| VI | 0.368 | 0.0 | 0.097 | 0.0 | 0.083 | 0.09 | 0.0 | 0.194 | 0.062 | 0.0 | 0.062 | 0.042 |
| bVII | 0.312 | 0.0 | 0.035 | 0.081 | 0.0 | 0.172 | 0.0 | 0.288 | 0.058 | 0.054 | 0.0 | 0.0 |
| VII | 0.6 | 0.0 | 0.0 | 0.0 | 0.089 | 0.0 | 0.0 | 0.0 | 0.0 | 0.111 | 0.2 | 0.0 |

cluster10\_4

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.047 | 0.003 | 0.042 | 0.19 | 0.003 | 0.142 | 0.008 | 0.554 | 0.011 | 0.0 |
| bII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| II | 0.272 | 0.0 | 0.0 | 0.0 | 0.054 | 0.174 | 0.0 | 0.329 | 0.0 | 0.029 | 0.12 | 0.022 |
| bIII | 0.2 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.0 | 0.067 | 0.2 | 0.0 | 0.133 | 0.0 |
| III | 0.037 | 0.0 | 0.062 | 0.0 | 0.0 | 0.407 | 0.0 | 0.087 | 0.0 | 0.4 | 0.007 | 0.0 |
| IV | 0.178 | 0.0 | 0.055 | 0.006 | 0.044 | 0.0 | 0.007 | 0.636 | 0.019 | 0.025 | 0.031 | 0.0 |
| bV | 0.667 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.766 | 0.0 | 0.033 | 0.003 | 0.032 | 0.072 | 0.0 | 0.0 | 0.007 | 0.083 | 0.006 | 0.0 |
| bVI | 0.364 | 0.0 | 0.0 | 0.182 | 0.0 | 0.091 | 0.0 | 0.25 | 0.0 | 0.091 | 0.023 | 0.0 |
| VI | 0.124 | 0.0 | 0.018 | 0.0 | 0.042 | 0.79 | 0.0 | 0.016 | 0.007 | 0.0 | 0.002 | 0.0 |
| bVII | 0.469 | 0.0 | 0.0 | 0.028 | 0.0 | 0.278 | 0.0 | 0.125 | 0.008 | 0.083 | 0.0 | 0.008 |
| VII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster10\_5

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.046 | 0.037 | 0.044 | 0.159 | 0.0 | 0.203 | 0.026 | 0.028 | 0.456 | 0.0 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.179 | 0.0 | 0.0 | 0.0 | 0.071 | 0.196 | 0.0 | 0.435 | 0.0 | 0.071 | 0.048 | 0.0 |
| bIII | 0.208 | 0.0 | 0.083 | 0.0 | 0.0 | 0.458 | 0.0 | 0.083 | 0.0 | 0.0 | 0.0 | 0.167 |
| III | 0.036 | 0.0 | 0.471 | 0.0 | 0.0 | 0.107 | 0.0 | 0.107 | 0.0 | 0.243 | 0.036 | 0.0 |
| IV | 0.761 | 0.0 | 0.014 | 0.021 | 0.013 | 0.0 | 0.0 | 0.103 | 0.012 | 0.034 | 0.041 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.344 | 0.01 | 0.045 | 0.0 | 0.076 | 0.211 | 0.038 | 0.0 | 0.0 | 0.06 | 0.216 | 0.0 |
| bVI | 0.2 | 0.0 | 0.0 | 0.2 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.1 | 0.0 | 0.0 |
| VI | 0.288 | 0.0 | 0.115 | 0.0 | 0.045 | 0.218 | 0.0 | 0.212 | 0.0 | 0.0 | 0.121 | 0.0 |
| bVII | 0.063 | 0.0 | 0.0 | 0.0 | 0.0 | 0.928 | 0.0 | 0.009 | 0.0 | 0.0 | 0.0 | 0.0 |
| VII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster10\_6

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.001 | 0.215 | 0.007 | 0.012 | 0.33 | 0.005 | 0.32 | 0.005 | 0.06 | 0.036 | 0.009 |
| bII | 0.75 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.007 | 0.0 | 0.0 | 0.0 | 0.018 | 0.006 | 0.0 | 0.945 | 0.007 | 0.002 | 0.012 | 0.003 |
| bIII | 0.071 | 0.143 | 0.357 | 0.0 | 0.0 | 0.286 | 0.0 | 0.143 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.079 | 0.0 | 0.292 | 0.0 | 0.0 | 0.38 | 0.056 | 0.083 | 0.0 | 0.083 | 0.0 | 0.028 |
| IV | 0.317 | 0.0 | 0.209 | 0.038 | 0.085 | 0.0 | 0.013 | 0.28 | 0.0 | 0.033 | 0.026 | 0.0 |
| bV | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.125 | 0.0 | 0.0 | 0.375 |
| V | 0.695 | 0.002 | 0.101 | 0.0 | 0.002 | 0.114 | 0.0 | 0.0 | 0.024 | 0.06 | 0.0 | 0.003 |
| bVI | 0.222 | 0.0 | 0.0 | 0.056 | 0.0 | 0.167 | 0.0 | 0.333 | 0.0 | 0.111 | 0.111 | 0.0 |
| VI | 0.277 | 0.045 | 0.154 | 0.0 | 0.186 | 0.12 | 0.0 | 0.217 | 0.0 | 0.0 | 0.0 | 0.0 |
| bVII | 0.403 | 0.0 | 0.0 | 0.042 | 0.0 | 0.2 | 0.0 | 0.058 | 0.172 | 0.125 | 0.0 | 0.0 |
| VII | 0.2 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster10\_7

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.013 | 0.017 | 0.082 | 0.0 | 0.118 | 0.0 | 0.063 | 0.312 | 0.011 | 0.384 | 0.0 |
| bII | 0.517 | 0.0 | 0.0 | 0.103 | 0.103 | 0.138 | 0.0 | 0.103 | 0.034 | 0.0 | 0.0 | 0.0 |
| II | 0.08 | 0.2 | 0.0 | 0.12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.2 | 0.0 |
| bIII | 0.084 | 0.024 | 0.056 | 0.0 | 0.0 | 0.169 | 0.0 | 0.044 | 0.151 | 0.008 | 0.464 | 0.0 |
| III | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.25 |
| IV | 0.176 | 0.015 | 0.008 | 0.079 | 0.0 | 0.0 | 0.0 | 0.215 | 0.159 | 0.0 | 0.349 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.25 | 0.0 | 0.25 | 0.0 |
| V | 0.483 | 0.0 | 0.0 | 0.011 | 0.0 | 0.184 | 0.0 | 0.0 | 0.211 | 0.036 | 0.074 | 0.0 |
| bVI | 0.179 | 0.003 | 0.0 | 0.074 | 0.0 | 0.027 | 0.02 | 0.18 | 0.0 | 0.004 | 0.513 | 0.0 |
| VI | 0.222 | 0.0 | 0.089 | 0.0 | 0.111 | 0.111 | 0.0 | 0.356 | 0.056 | 0.0 | 0.056 | 0.0 |
| bVII | 0.685 | 0.005 | 0.0 | 0.088 | 0.0 | 0.043 | 0.0 | 0.038 | 0.136 | 0.006 | 0.0 | 0.0 |
| VII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

cluster10\_8

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.025 | 0.386 | 0.036 | 0.09 | 0.163 | 0.0 | 0.142 | 0.008 | 0.09 | 0.044 | 0.015 |
| bII | 0.333 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.111 | 0.0 | 0.111 | 0.0 | 0.111 | 0.0 |
| II | 0.687 | 0.017 | 0.0 | 0.009 | 0.079 | 0.059 | 0.0 | 0.07 | 0.009 | 0.062 | 0.008 | 0.0 |
| bIII | 0.1 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| III | 0.034 | 0.015 | 0.268 | 0.059 | 0.0 | 0.198 | 0.0 | 0.123 | 0.0 | 0.287 | 0.0 | 0.015 |
| IV | 0.339 | 0.0 | 0.17 | 0.0 | 0.218 | 0.0 | 0.034 | 0.092 | 0.006 | 0.1 | 0.04 | 0.0 |
| bV | 0.0 | 0.133 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.167 | 0.0 | 0.0 | 0.1 |
| V | 0.387 | 0.0 | 0.114 | 0.0 | 0.202 | 0.137 | 0.007 | 0.0 | 0.033 | 0.074 | 0.046 | 0.0 |
| bVI | 0.188 | 0.042 | 0.0 | 0.188 | 0.0 | 0.083 | 0.083 | 0.167 | 0.0 | 0.125 | 0.125 | 0.0 |
| VI | 0.121 | 0.0 | 0.413 | 0.0 | 0.106 | 0.132 | 0.0 | 0.155 | 0.013 | 0.0 | 0.055 | 0.006 |
| bVII | 0.245 | 0.0 | 0.071 | 0.0 | 0.0 | 0.19 | 0.0 | 0.207 | 0.214 | 0.071 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.125 | 0.0 | 0.375 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 |

cluster10\_9

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.019 | 0.143 | 0.002 | 0.7 | 0.002 | 0.036 | 0.034 | 0.011 | 0.05 | 0.002 |
| bII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| II | 0.222 | 0.083 | 0.0 | 0.0 | 0.194 | 0.167 | 0.0 | 0.125 | 0.0 | 0.208 | 0.0 | 0.0 |
| bIII | 0.292 | 0.042 | 0.042 | 0.0 | 0.0 | 0.333 | 0.0 | 0.01 | 0.198 | 0.0 | 0.083 | 0.0 |
| III | 0.083 | 0.0 | 0.0 | 0.0 | 0.0 | 0.486 | 0.0 | 0.167 | 0.0 | 0.264 | 0.0 | 0.0 |
| IV | 0.825 | 0.0 | 0.012 | 0.08 | 0.008 | 0.0 | 0.005 | 0.013 | 0.001 | 0.023 | 0.033 | 0.0 |
| bV | 0.2 | 0.1 | 0.0 | 0.05 | 0.0 | 0.4 | 0.0 | 0.0 | 0.05 | 0.0 | 0.2 | 0.0 |
| V | 0.091 | 0.0 | 0.182 | 0.091 | 0.0 | 0.045 | 0.091 | 0.0 | 0.145 | 0.355 | 0.0 | 0.0 |
| bVI | 0.34 | 0.063 | 0.0 | 0.125 | 0.0 | 0.208 | 0.014 | 0.0 | 0.0 | 0.083 | 0.167 | 0.0 |
| VI | 0.212 | 0.0 | 0.161 | 0.0 | 0.297 | 0.237 | 0.03 | 0.018 | 0.0 | 0.0 | 0.014 | 0.03 |
| bVII | 0.385 | 0.0 | 0.0 | 0.088 | 0.0 | 0.419 | 0.0 | 0.0 | 0.029 | 0.02 | 0.0 | 0.059 |
| VII | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 |

cluster11\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.002 | 0.033 | 0.029 | 0.014 | 0.491 | 0.0 | 0.367 | 0.017 | 0.031 | 0.013 | 0.003 |
| bII | 0.5 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.423 | 0.036 | 0.0 | 0.048 | 0.018 | 0.155 | 0.018 | 0.173 | 0.071 | 0.0 | 0.06 | 0.0 |
| bIII | 0.1 | 0.0 | 0.033 | 0.0 | 0.0 | 0.509 | 0.0 | 0.133 | 0.033 | 0.0 | 0.191 | 0.0 |
| III | 0.05 | 0.0 | 0.0 | 0.1 | 0.0 | 0.3 | 0.0 | 0.15 | 0.0 | 0.4 | 0.0 | 0.0 |
| IV | 0.865 | 0.0 | 0.013 | 0.02 | 0.004 | 0.0 | 0.002 | 0.075 | 0.007 | 0.004 | 0.01 | 0.0 |
| bV | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.913 | 0.0 | 0.011 | 0.002 | 0.003 | 0.042 | 0.0 | 0.0 | 0.011 | 0.013 | 0.002 | 0.003 |
| bVI | 0.117 | 0.0 | 0.0 | 0.075 | 0.0 | 0.083 | 0.0 | 0.35 | 0.0 | 0.0 | 0.333 | 0.042 |
| VI | 0.386 | 0.0 | 0.123 | 0.0 | 0.105 | 0.114 | 0.0 | 0.193 | 0.079 | 0.0 | 0.0 | 0.0 |
| bVII | 0.355 | 0.0 | 0.0 | 0.0 | 0.0 | 0.258 | 0.0 | 0.258 | 0.043 | 0.086 | 0.0 | 0.0 |
| VII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster11\_10

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.059 | 0.078 | 0.025 | 0.597 | 0.0 | 0.097 | 0.053 | 0.009 | 0.063 | 0.02 |
| bII | 0.267 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.067 | 0.5 | 0.167 | 0.0 | 0.0 | 0.0 |
| II | 0.227 | 0.1 | 0.0 | 0.05 | 0.05 | 0.383 | 0.025 | 0.04 | 0.0 | 0.075 | 0.05 | 0.0 |
| bIII | 0.279 | 0.105 | 0.112 | 0.0 | 0.0 | 0.211 | 0.0 | 0.096 | 0.127 | 0.0 | 0.07 | 0.0 |
| III | 0.104 | 0.017 | 0.083 | 0.167 | 0.0 | 0.25 | 0.0 | 0.021 | 0.0 | 0.358 | 0.0 | 0.0 |
| IV | 0.131 | 0.0 | 0.03 | 0.023 | 0.015 | 0.0 | 0.007 | 0.674 | 0.053 | 0.005 | 0.063 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.167 |
| V | 0.862 | 0.002 | 0.001 | 0.002 | 0.0 | 0.077 | 0.003 | 0.0 | 0.029 | 0.011 | 0.013 | 0.0 |
| bVI | 0.185 | 0.043 | 0.011 | 0.0 | 0.0 | 0.123 | 0.0 | 0.401 | 0.0 | 0.043 | 0.193 | 0.0 |
| VI | 0.115 | 0.0 | 0.049 | 0.022 | 0.152 | 0.119 | 0.0 | 0.312 | 0.077 | 0.0 | 0.077 | 0.077 |
| bVII | 0.203 | 0.0 | 0.045 | 0.12 | 0.0 | 0.237 | 0.0 | 0.282 | 0.114 | 0.0 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.231 | 0.583 | 0.0 | 0.0 | 0.0 | 0.185 | 0.0 | 0.0 |

cluster11\_11

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.017 | 0.176 | 0.002 | 0.634 | 0.0 | 0.045 | 0.038 | 0.012 | 0.073 | 0.004 |
| bII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.0 | 0.375 | 0.0 |
| II | 0.2 | 0.1 | 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 0.15 | 0.0 | 0.25 | 0.0 | 0.0 |
| bIII | 0.296 | 0.102 | 0.037 | 0.0 | 0.0 | 0.309 | 0.0 | 0.009 | 0.139 | 0.0 | 0.108 | 0.0 |
| III | 0.1 | 0.0 | 0.0 | 0.2 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.2 | 0.0 | 0.0 |
| IV | 0.831 | 0.0 | 0.008 | 0.084 | 0.008 | 0.0 | 0.005 | 0.019 | 0.001 | 0.018 | 0.025 | 0.0 |
| bV | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.1 | 0.0 | 0.3 | 0.0 |
| V | 0.098 | 0.0 | 0.182 | 0.091 | 0.0 | 0.053 | 0.091 | 0.0 | 0.145 | 0.279 | 0.061 | 0.0 |
| bVI | 0.333 | 0.0 | 0.0 | 0.115 | 0.038 | 0.192 | 0.09 | 0.0 | 0.0 | 0.077 | 0.154 | 0.0 |
| VI | 0.348 | 0.0 | 0.161 | 0.0 | 0.182 | 0.189 | 0.03 | 0.0 | 0.0 | 0.0 | 0.059 | 0.03 |
| bVII | 0.581 | 0.0 | 0.0 | 0.089 | 0.0 | 0.19 | 0.0 | 0.028 | 0.028 | 0.03 | 0.0 | 0.056 |
| VII | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.25 | 0.25 | 0.0 |

cluster11\_2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.018 | 0.003 | 0.077 | 0.0 | 0.098 | 0.0 | 0.068 | 0.341 | 0.012 | 0.382 | 0.0 |
| bII | 0.519 | 0.0 | 0.0 | 0.111 | 0.111 | 0.111 | 0.0 | 0.111 | 0.037 | 0.0 | 0.0 | 0.0 |
| II | 0.1 | 0.25 | 0.0 | 0.15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.25 | 0.0 | 0.0 |
| bIII | 0.067 | 0.0 | 0.059 | 0.0 | 0.0 | 0.178 | 0.0 | 0.047 | 0.176 | 0.008 | 0.465 | 0.0 |
| III | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.25 |
| IV | 0.169 | 0.016 | 0.009 | 0.082 | 0.0 | 0.0 | 0.0 | 0.209 | 0.171 | 0.0 | 0.344 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.478 | 0.0 | 0.0 | 0.012 | 0.0 | 0.168 | 0.0 | 0.0 | 0.226 | 0.038 | 0.078 | 0.0 |
| bVI | 0.189 | 0.003 | 0.0 | 0.078 | 0.0 | 0.029 | 0.002 | 0.147 | 0.0 | 0.005 | 0.547 | 0.0 |
| VI | 0.222 | 0.0 | 0.089 | 0.0 | 0.111 | 0.111 | 0.0 | 0.356 | 0.056 | 0.0 | 0.056 | 0.0 |
| bVII | 0.677 | 0.005 | 0.0 | 0.104 | 0.0 | 0.041 | 0.0 | 0.041 | 0.126 | 0.006 | 0.0 | 0.0 |
| VII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

cluster11\_3

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.241 | 0.008 | 0.009 | 0.354 | 0.001 | 0.268 | 0.005 | 0.063 | 0.04 | 0.01 |
| bII | 0.667 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.007 | 0.0 | 0.0 | 0.0 | 0.007 | 0.007 | 0.0 | 0.967 | 0.0 | 0.002 | 0.005 | 0.004 |
| bIII | 0.083 | 0.167 | 0.25 | 0.0 | 0.0 | 0.333 | 0.0 | 0.167 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.083 | 0.0 | 0.283 | 0.0 | 0.0 | 0.367 | 0.067 | 0.1 | 0.0 | 0.067 | 0.0 | 0.033 |
| IV | 0.372 | 0.0 | 0.23 | 0.023 | 0.063 | 0.0 | 0.014 | 0.249 | 0.0 | 0.021 | 0.029 | 0.0 |
| bV | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.125 | 0.0 | 0.0 | 0.125 |
| V | 0.725 | 0.002 | 0.098 | 0.0 | 0.002 | 0.105 | 0.0 | 0.0 | 0.027 | 0.038 | 0.0 | 0.003 |
| bVI | 0.25 | 0.0 | 0.0 | 0.062 | 0.0 | 0.188 | 0.0 | 0.25 | 0.0 | 0.125 | 0.125 | 0.0 |
| VI | 0.417 | 0.059 | 0.044 | 0.0 | 0.178 | 0.088 | 0.0 | 0.214 | 0.0 | 0.0 | 0.0 | 0.0 |
| bVII | 0.394 | 0.0 | 0.0 | 0.045 | 0.0 | 0.218 | 0.0 | 0.064 | 0.188 | 0.091 | 0.0 | 0.0 |
| VII | 0.25 | 0.0 | 0.0 | 0.0 | 0.625 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster11\_4

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.006 | 0.012 | 0.003 | 0.012 | 0.036 | 0.007 | 0.908 | 0.009 | 0.0 | 0.006 | 0.0 |
| bII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.211 | 0.0 | 0.0 | 0.0 | 0.108 | 0.289 | 0.0 | 0.245 | 0.029 | 0.088 | 0.029 | 0.0 |
| bIII | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.333 | 0.0 | 0.267 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.044 | 0.0 | 0.108 | 0.0 | 0.0 | 0.569 | 0.0 | 0.156 | 0.0 | 0.123 | 0.0 | 0.0 |
| IV | 0.228 | 0.0 | 0.011 | 0.073 | 0.055 | 0.0 | 0.0 | 0.515 | 0.031 | 0.086 | 0.0 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| V | 0.556 | 0.0 | 0.069 | 0.008 | 0.052 | 0.183 | 0.0 | 0.0 | 0.0 | 0.125 | 0.006 | 0.0 |
| bVI | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| VI | 0.136 | 0.048 | 0.093 | 0.0 | 0.086 | 0.348 | 0.0 | 0.243 | 0.0 | 0.0 | 0.048 | 0.0 |
| bVII | 0.433 | 0.0 | 0.0 | 0.2 | 0.0 | 0.067 | 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster11\_5

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.004 | 0.011 | 0.044 | 0.486 | 0.0 | 0.365 | 0.012 | 0.036 | 0.04 | 0.003 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.667 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 |
| II | 0.182 | 0.0 | 0.0 | 0.0 | 0.167 | 0.417 | 0.0 | 0.188 | 0.0 | 0.047 | 0.0 | 0.0 |
| bIII | 0.458 | 0.0 | 0.25 | 0.0 | 0.0 | 0.292 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.147 | 0.0 | 0.294 | 0.0 | 0.0 | 0.368 | 0.0 | 0.069 | 0.0 | 0.123 | 0.0 | 0.0 |
| IV | 0.763 | 0.0 | 0.02 | 0.004 | 0.024 | 0.0 | 0.006 | 0.134 | 0.013 | 0.023 | 0.013 | 0.0 |
| bV | 0.667 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.087 | 0.0 | 0.013 | 0.002 | 0.004 | 0.85 | 0.003 | 0.0 | 0.0 | 0.03 | 0.011 | 0.0 |
| bVI | 0.15 | 0.0 | 0.0 | 0.2 | 0.0 | 0.1 | 0.2 | 0.2 | 0.0 | 0.15 | 0.0 | 0.0 |
| VI | 0.108 | 0.0 | 0.117 | 0.0 | 0.167 | 0.215 | 0.0 | 0.294 | 0.05 | 0.0 | 0.05 | 0.0 |
| bVII | 0.477 | 0.0 | 0.062 | 0.0 | 0.0 | 0.197 | 0.0 | 0.139 | 0.125 | 0.0 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster11\_6

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.044 | 0.033 | 0.04 | 0.22 | 0.003 | 0.199 | 0.024 | 0.026 | 0.411 | 0.0 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| II | 0.156 | 0.0 | 0.0 | 0.0 | 0.125 | 0.172 | 0.0 | 0.38 | 0.0 | 0.125 | 0.042 | 0.0 |
| bIII | 0.179 | 0.0 | 0.071 | 0.0 | 0.0 | 0.393 | 0.0 | 0.071 | 0.143 | 0.0 | 0.0 | 0.143 |
| III | 0.139 | 0.0 | 0.367 | 0.0 | 0.0 | 0.152 | 0.0 | 0.083 | 0.0 | 0.232 | 0.028 | 0.0 |
| IV | 0.734 | 0.0 | 0.013 | 0.019 | 0.033 | 0.0 | 0.0 | 0.091 | 0.011 | 0.038 | 0.062 | 0.0 |
| bV | 0.0 | 0.25 | 0.0 | 0.125 | 0.0 | 0.5 | 0.0 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 |
| V | 0.304 | 0.009 | 0.048 | 0.0 | 0.11 | 0.226 | 0.037 | 0.0 | 0.0 | 0.058 | 0.208 | 0.0 |
| bVI | 0.208 | 0.125 | 0.0 | 0.167 | 0.0 | 0.25 | 0.0 | 0.167 | 0.0 | 0.083 | 0.0 | 0.0 |
| VI | 0.247 | 0.0 | 0.125 | 0.0 | 0.078 | 0.213 | 0.0 | 0.182 | 0.0 | 0.0 | 0.156 | 0.0 |
| bVII | 0.056 | 0.0 | 0.0 | 0.0 | 0.0 | 0.929 | 0.0 | 0.008 | 0.008 | 0.0 | 0.0 | 0.0 |
| VII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster11\_7

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.047 | 0.003 | 0.046 | 0.193 | 0.003 | 0.105 | 0.008 | 0.585 | 0.011 | 0.0 |
| bII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| II | 0.261 | 0.0 | 0.0 | 0.0 | 0.052 | 0.167 | 0.0 | 0.357 | 0.0 | 0.028 | 0.115 | 0.021 |
| bIII | 0.2 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.0 | 0.067 | 0.2 | 0.0 | 0.133 | 0.0 |
| III | 0.037 | 0.0 | 0.062 | 0.0 | 0.0 | 0.388 | 0.0 | 0.106 | 0.0 | 0.4 | 0.007 | 0.0 |
| IV | 0.199 | 0.0 | 0.056 | 0.006 | 0.044 | 0.0 | 0.007 | 0.616 | 0.019 | 0.021 | 0.032 | 0.0 |
| bV | 0.667 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.793 | 0.0 | 0.033 | 0.003 | 0.032 | 0.065 | 0.0 | 0.0 | 0.007 | 0.061 | 0.006 | 0.0 |
| bVI | 0.364 | 0.0 | 0.0 | 0.182 | 0.0 | 0.091 | 0.0 | 0.25 | 0.0 | 0.091 | 0.023 | 0.0 |
| VI | 0.138 | 0.0 | 0.022 | 0.0 | 0.043 | 0.772 | 0.0 | 0.016 | 0.007 | 0.0 | 0.002 | 0.0 |
| bVII | 0.469 | 0.0 | 0.0 | 0.028 | 0.0 | 0.278 | 0.0 | 0.125 | 0.008 | 0.083 | 0.0 | 0.008 |
| VII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster11\_8

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.028 | 0.463 | 0.022 | 0.094 | 0.162 | 0.0 | 0.081 | 0.009 | 0.094 | 0.031 | 0.017 |
| bII | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.167 | 0.0 | 0.167 | 0.0 | 0.167 | 0.0 |
| II | 0.693 | 0.006 | 0.0 | 0.009 | 0.073 | 0.063 | 0.0 | 0.068 | 0.0 | 0.066 | 0.022 | 0.0 |
| bIII | 0.0 | 0.0 | 0.286 | 0.0 | 0.286 | 0.0 | 0.0 | 0.143 | 0.0 | 0.143 | 0.143 | 0.0 |
| III | 0.056 | 0.017 | 0.33 | 0.034 | 0.0 | 0.235 | 0.0 | 0.078 | 0.0 | 0.234 | 0.0 | 0.017 |
| IV | 0.376 | 0.0 | 0.171 | 0.0 | 0.201 | 0.0 | 0.035 | 0.107 | 0.007 | 0.061 | 0.043 | 0.0 |
| bV | 0.0 | 0.133 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.167 | 0.0 | 0.0 | 0.1 |
| V | 0.382 | 0.0 | 0.119 | 0.0 | 0.153 | 0.129 | 0.008 | 0.0 | 0.038 | 0.12 | 0.053 | 0.0 |
| bVI | 0.214 | 0.048 | 0.0 | 0.071 | 0.0 | 0.095 | 0.095 | 0.19 | 0.0 | 0.143 | 0.143 | 0.0 |
| VI | 0.13 | 0.0 | 0.341 | 0.0 | 0.173 | 0.122 | 0.0 | 0.153 | 0.015 | 0.0 | 0.059 | 0.007 |
| bVII | 0.369 | 0.0 | 0.0 | 0.0 | 0.0 | 0.139 | 0.0 | 0.159 | 0.25 | 0.083 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.125 | 0.0 | 0.375 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 |

cluster11\_9

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.008 | 0.11 | 0.03 | 0.065 | 0.324 | 0.013 | 0.106 | 0.002 | 0.277 | 0.046 | 0.02 |
| bII | 0.375 | 0.0 | 0.375 | 0.062 | 0.0 | 0.0 | 0.062 | 0.062 | 0.0 | 0.0 | 0.0 | 0.062 |
| II | 0.071 | 0.02 | 0.0 | 0.0 | 0.04 | 0.065 | 0.0 | 0.73 | 0.007 | 0.027 | 0.035 | 0.004 |
| bIII | 0.05 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.275 | 0.375 | 0.0 | 0.0 | 0.0 |
| III | 0.006 | 0.026 | 0.067 | 0.038 | 0.0 | 0.114 | 0.0 | 0.044 | 0.0 | 0.692 | 0.013 | 0.0 |
| IV | 0.444 | 0.0 | 0.066 | 0.0 | 0.065 | 0.0 | 0.01 | 0.299 | 0.004 | 0.06 | 0.044 | 0.008 |
| bV | 0.125 | 0.0 | 0.125 | 0.0 | 0.125 | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.125 |
| V | 0.713 | 0.0 | 0.038 | 0.004 | 0.061 | 0.106 | 0.004 | 0.0 | 0.0 | 0.066 | 0.007 | 0.002 |
| bVI | 0.167 | 0.25 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.083 |
| VI | 0.019 | 0.0 | 0.794 | 0.0 | 0.037 | 0.075 | 0.0 | 0.064 | 0.0 | 0.0 | 0.0 | 0.011 |
| bVII | 0.144 | 0.0 | 0.103 | 0.0 | 0.103 | 0.056 | 0.0 | 0.333 | 0.0 | 0.231 | 0.0 | 0.031 |
| VII | 0.095 | 0.095 | 0.095 | 0.0 | 0.683 | 0.032 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster12\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.002 | 0.009 | 0.002 | 0.039 | 0.434 | 0.0 | 0.44 | 0.012 | 0.033 | 0.028 | 0.003 |
| bII | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.222 | 0.167 | 0.111 | 0.0 | 0.0 | 0.167 |
| II | 0.181 | 0.0 | 0.0 | 0.0 | 0.13 | 0.426 | 0.0 | 0.139 | 0.0 | 0.125 | 0.0 | 0.0 |
| bIII | 0.611 | 0.0 | 0.0 | 0.0 | 0.0 | 0.056 | 0.0 | 0.0 | 0.167 | 0.0 | 0.167 | 0.0 |
| III | 0.188 | 0.0 | 0.234 | 0.0 | 0.0 | 0.359 | 0.0 | 0.135 | 0.0 | 0.083 | 0.0 | 0.0 |
| IV | 0.797 | 0.0 | 0.017 | 0.001 | 0.018 | 0.0 | 0.006 | 0.098 | 0.021 | 0.022 | 0.02 | 0.0 |
| bV | 0.667 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.096 | 0.0 | 0.027 | 0.0 | 0.008 | 0.789 | 0.003 | 0.0 | 0.0 | 0.058 | 0.019 | 0.0 |
| bVI | 0.15 | 0.0 | 0.0 | 0.2 | 0.0 | 0.1 | 0.2 | 0.0 | 0.0 | 0.15 | 0.2 | 0.0 |
| VI | 0.126 | 0.0 | 0.173 | 0.0 | 0.17 | 0.224 | 0.0 | 0.207 | 0.04 | 0.0 | 0.06 | 0.0 |
| bVII | 0.479 | 0.012 | 0.042 | 0.024 | 0.0 | 0.282 | 0.0 | 0.134 | 0.028 | 0.0 | 0.0 | 0.0 |
| VII | 0.0 | 0.5 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster12\_10

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.005 | 0.019 | 0.489 | 0.0 | 0.26 | 0.0 | 0.106 | 0.084 | 0.0 | 0.036 | 0.0 |
| bII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.25 | 0.0 | 0.0 | 0.0 |
| II | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.167 | 0.0 | 0.0 | 0.0 | 0.0 |
| bIII | 0.009 | 0.0 | 0.0 | 0.0 | 0.0 | 0.97 | 0.0 | 0.0 | 0.007 | 0.0 | 0.014 | 0.0 |
| III | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| IV | 0.61 | 0.0 | 0.031 | 0.082 | 0.0 | 0.0 | 0.019 | 0.117 | 0.088 | 0.0 | 0.055 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.695 | 0.0 | 0.0 | 0.067 | 0.0 | 0.114 | 0.014 | 0.0 | 0.083 | 0.0 | 0.028 | 0.0 |
| bVI | 0.091 | 0.091 | 0.0 | 0.152 | 0.0 | 0.106 | 0.0 | 0.106 | 0.0 | 0.091 | 0.318 | 0.045 |
| VI | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| bVII | 0.531 | 0.0 | 0.0 | 0.0 | 0.0 | 0.375 | 0.0 | 0.063 | 0.031 | 0.0 | 0.0 | 0.0 |
| VII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster12\_11

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.01 | 0.018 | 0.072 | 0.0 | 0.126 | 0.0 | 0.054 | 0.294 | 0.011 | 0.414 | 0.001 |
| bII | 0.462 | 0.0 | 0.0 | 0.0 | 0.115 | 0.154 | 0.0 | 0.115 | 0.038 | 0.0 | 0.115 | 0.0 |
| II | 0.2 | 0.143 | 0.0 | 0.229 | 0.0 | 0.0 | 0.0 | 0.0 | 0.143 | 0.143 | 0.143 | 0.0 |
| bIII | 0.169 | 0.057 | 0.057 | 0.0 | 0.0 | 0.058 | 0.0 | 0.045 | 0.141 | 0.008 | 0.463 | 0.0 |
| III | 0.0 | 0.125 | 0.25 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 |
| IV | 0.178 | 0.014 | 0.008 | 0.073 | 0.008 | 0.0 | 0.0 | 0.273 | 0.122 | 0.0 | 0.324 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.25 | 0.0 | 0.25 | 0.0 |
| V | 0.548 | 0.0 | 0.0 | 0.01 | 0.0 | 0.145 | 0.0 | 0.0 | 0.184 | 0.042 | 0.072 | 0.0 |
| bVI | 0.19 | 0.003 | 0.0 | 0.052 | 0.009 | 0.047 | 0.019 | 0.214 | 0.0 | 0.004 | 0.461 | 0.0 |
| VI | 0.25 | 0.0 | 0.08 | 0.0 | 0.1 | 0.1 | 0.0 | 0.32 | 0.05 | 0.0 | 0.1 | 0.0 |
| bVII | 0.666 | 0.002 | 0.0 | 0.08 | 0.0 | 0.047 | 0.0 | 0.049 | 0.147 | 0.008 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 |

cluster12\_12

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.053 | 0.009 | 0.051 | 0.134 | 0.0 | 0.199 | 0.02 | 0.033 | 0.5 | 0.0 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.167 | 0.0 | 0.0 | 0.0 | 0.133 | 0.183 | 0.0 | 0.406 | 0.0 | 0.067 | 0.044 | 0.0 |
| bIII | 0.312 | 0.0 | 0.125 | 0.0 | 0.0 | 0.188 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.25 |
| III | 0.031 | 0.0 | 0.413 | 0.0 | 0.0 | 0.171 | 0.0 | 0.094 | 0.0 | 0.261 | 0.031 | 0.0 |
| IV | 0.75 | 0.0 | 0.016 | 0.024 | 0.042 | 0.0 | 0.0 | 0.089 | 0.013 | 0.04 | 0.027 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.266 | 0.011 | 0.053 | 0.0 | 0.135 | 0.211 | 0.045 | 0.0 | 0.0 | 0.071 | 0.207 | 0.0 |
| bVI | 0.25 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 | 0.0 | 0.25 | 0.0 | 0.125 | 0.0 | 0.0 |
| VI | 0.268 | 0.0 | 0.135 | 0.0 | 0.042 | 0.231 | 0.0 | 0.197 | 0.0 | 0.0 | 0.127 | 0.0 |
| bVII | 0.059 | 0.0 | 0.0 | 0.0 | 0.0 | 0.932 | 0.0 | 0.01 | 0.0 | 0.0 | 0.0 | 0.0 |
| VII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster12\_2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.007 | 0.091 | 0.034 | 0.064 | 0.318 | 0.014 | 0.09 | 0.002 | 0.321 | 0.036 | 0.023 |
| bII | 0.333 | 0.0 | 0.5 | 0.083 | 0.0 | 0.0 | 0.083 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.037 | 0.012 | 0.0 | 0.0 | 0.031 | 0.045 | 0.0 | 0.818 | 0.0 | 0.018 | 0.034 | 0.004 |
| bIII | 0.062 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.344 | 0.344 | 0.0 | 0.0 | 0.0 |
| III | 0.007 | 0.029 | 0.062 | 0.015 | 0.0 | 0.146 | 0.0 | 0.036 | 0.0 | 0.691 | 0.015 | 0.0 |
| IV | 0.456 | 0.0 | 0.063 | 0.0 | 0.069 | 0.0 | 0.012 | 0.3 | 0.004 | 0.043 | 0.044 | 0.009 |
| bV | 0.125 | 0.0 | 0.125 | 0.0 | 0.125 | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.125 |
| V | 0.743 | 0.0 | 0.042 | 0.005 | 0.051 | 0.084 | 0.004 | 0.0 | 0.0 | 0.062 | 0.008 | 0.002 |
| bVI | 0.222 | 0.333 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.111 |
| VI | 0.022 | 0.0 | 0.77 | 0.0 | 0.042 | 0.082 | 0.0 | 0.072 | 0.0 | 0.0 | 0.0 | 0.012 |
| bVII | 0.187 | 0.0 | 0.033 | 0.0 | 0.033 | 0.073 | 0.0 | 0.333 | 0.0 | 0.3 | 0.0 | 0.04 |
| VII | 0.105 | 0.0 | 0.105 | 0.0 | 0.754 | 0.035 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster12\_3

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.049 | 0.003 | 0.044 | 0.199 | 0.004 | 0.103 | 0.008 | 0.58 | 0.011 | 0.0 |
| bII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| II | 0.272 | 0.0 | 0.0 | 0.0 | 0.054 | 0.174 | 0.0 | 0.329 | 0.0 | 0.029 | 0.12 | 0.022 |
| bIII | 0.2 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.0 | 0.067 | 0.2 | 0.0 | 0.133 | 0.0 |
| III | 0.038 | 0.0 | 0.064 | 0.0 | 0.0 | 0.384 | 0.0 | 0.091 | 0.0 | 0.415 | 0.008 | 0.0 |
| IV | 0.186 | 0.0 | 0.057 | 0.006 | 0.044 | 0.0 | 0.007 | 0.625 | 0.019 | 0.021 | 0.033 | 0.0 |
| bV | 0.667 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.786 | 0.0 | 0.034 | 0.003 | 0.033 | 0.067 | 0.0 | 0.0 | 0.007 | 0.063 | 0.006 | 0.0 |
| bVI | 0.364 | 0.0 | 0.0 | 0.182 | 0.0 | 0.091 | 0.0 | 0.25 | 0.0 | 0.091 | 0.023 | 0.0 |
| VI | 0.127 | 0.0 | 0.019 | 0.0 | 0.044 | 0.783 | 0.0 | 0.017 | 0.008 | 0.0 | 0.002 | 0.0 |
| bVII | 0.469 | 0.0 | 0.0 | 0.028 | 0.0 | 0.278 | 0.0 | 0.125 | 0.008 | 0.083 | 0.0 | 0.008 |
| VII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster12\_4

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.006 | 0.034 | 0.009 | 0.018 | 0.481 | 0.0 | 0.381 | 0.021 | 0.036 | 0.009 | 0.004 |
| bII | 0.5 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.423 | 0.036 | 0.0 | 0.048 | 0.018 | 0.107 | 0.018 | 0.196 | 0.071 | 0.0 | 0.083 | 0.0 |
| bIII | 0.188 | 0.0 | 0.062 | 0.0 | 0.0 | 0.031 | 0.0 | 0.25 | 0.156 | 0.0 | 0.312 | 0.0 |
| III | 0.042 | 0.0 | 0.0 | 0.083 | 0.0 | 0.417 | 0.0 | 0.125 | 0.0 | 0.333 | 0.0 | 0.0 |
| IV | 0.89 | 0.0 | 0.01 | 0.015 | 0.005 | 0.0 | 0.002 | 0.059 | 0.006 | 0.004 | 0.008 | 0.0 |
| bV | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.899 | 0.0 | 0.012 | 0.0 | 0.01 | 0.043 | 0.0 | 0.0 | 0.018 | 0.014 | 0.002 | 0.003 |
| bVI | 0.14 | 0.0 | 0.0 | 0.04 | 0.0 | 0.1 | 0.0 | 0.453 | 0.0 | 0.0 | 0.267 | 0.0 |
| VI | 0.367 | 0.0 | 0.117 | 0.0 | 0.1 | 0.108 | 0.0 | 0.233 | 0.075 | 0.0 | 0.0 | 0.0 |
| bVII | 0.24 | 0.0 | 0.0 | 0.08 | 0.0 | 0.24 | 0.0 | 0.28 | 0.053 | 0.107 | 0.0 | 0.0 |
| VII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster12\_5

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.022 | 0.068 | 0.002 | 0.759 | 0.002 | 0.035 | 0.039 | 0.013 | 0.058 | 0.002 |
| bII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| II | 0.222 | 0.083 | 0.0 | 0.0 | 0.194 | 0.167 | 0.0 | 0.125 | 0.0 | 0.208 | 0.0 | 0.0 |
| bIII | 0.437 | 0.063 | 0.063 | 0.0 | 0.0 | 0.0 | 0.0 | 0.016 | 0.297 | 0.0 | 0.125 | 0.0 |
| III | 0.083 | 0.0 | 0.0 | 0.0 | 0.0 | 0.486 | 0.0 | 0.167 | 0.0 | 0.264 | 0.0 | 0.0 |
| IV | 0.82 | 0.0 | 0.014 | 0.07 | 0.009 | 0.0 | 0.006 | 0.018 | 0.002 | 0.026 | 0.037 | 0.0 |
| bV | 0.2 | 0.1 | 0.0 | 0.05 | 0.0 | 0.4 | 0.0 | 0.0 | 0.05 | 0.0 | 0.2 | 0.0 |
| V | 0.098 | 0.0 | 0.211 | 0.0 | 0.0 | 0.053 | 0.105 | 0.0 | 0.063 | 0.411 | 0.06 | 0.0 |
| bVI | 0.371 | 0.068 | 0.0 | 0.136 | 0.0 | 0.227 | 0.015 | 0.0 | 0.0 | 0.0 | 0.182 | 0.0 |
| VI | 0.233 | 0.0 | 0.177 | 0.0 | 0.327 | 0.161 | 0.033 | 0.02 | 0.0 | 0.0 | 0.015 | 0.033 |
| bVII | 0.386 | 0.0 | 0.0 | 0.083 | 0.0 | 0.429 | 0.0 | 0.0 | 0.028 | 0.019 | 0.0 | 0.056 |
| VII | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 |

cluster12\_6

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.007 | 0.003 | 0.0 | 0.004 | 0.037 | 0.008 | 0.915 | 0.01 | 0.016 | 0.0 | 0.0 |
| bII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.268 | 0.0 | 0.0 | 0.0 | 0.131 | 0.196 | 0.0 | 0.19 | 0.071 | 0.107 | 0.036 | 0.0 |
| bIII | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.333 | 0.0 | 0.267 | 0.2 | 0.0 | 0.0 | 0.0 |
| III | 0.057 | 0.0 | 0.14 | 0.0 | 0.0 | 0.4 | 0.0 | 0.203 | 0.0 | 0.2 | 0.0 | 0.0 |
| IV | 0.127 | 0.0 | 0.004 | 0.078 | 0.071 | 0.0 | 0.0 | 0.572 | 0.039 | 0.11 | 0.0 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| V | 0.601 | 0.0 | 0.053 | 0.009 | 0.055 | 0.186 | 0.0 | 0.0 | 0.0 | 0.09 | 0.007 | 0.0 |
| bVI | 0.25 | 0.0 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| VI | 0.203 | 0.0 | 0.155 | 0.0 | 0.074 | 0.279 | 0.0 | 0.237 | 0.0 | 0.0 | 0.053 | 0.0 |
| bVII | 0.542 | 0.0 | 0.0 | 0.25 | 0.0 | 0.083 | 0.0 | 0.0 | 0.0 | 0.125 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster12\_7

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.235 | 0.008 | 0.008 | 0.35 | 0.001 | 0.281 | 0.005 | 0.061 | 0.04 | 0.01 |
| bII | 0.667 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.007 | 0.0 | 0.0 | 0.0 | 0.007 | 0.007 | 0.0 | 0.973 | 0.0 | 0.002 | 0.0 | 0.004 |
| bIII | 0.083 | 0.167 | 0.25 | 0.0 | 0.0 | 0.333 | 0.0 | 0.167 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.083 | 0.0 | 0.283 | 0.0 | 0.0 | 0.367 | 0.067 | 0.1 | 0.0 | 0.067 | 0.0 | 0.033 |
| IV | 0.353 | 0.0 | 0.233 | 0.023 | 0.063 | 0.0 | 0.014 | 0.265 | 0.0 | 0.021 | 0.029 | 0.0 |
| bV | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.125 | 0.0 | 0.0 | 0.125 |
| V | 0.723 | 0.002 | 0.098 | 0.0 | 0.002 | 0.107 | 0.0 | 0.0 | 0.027 | 0.038 | 0.0 | 0.003 |
| bVI | 0.25 | 0.0 | 0.0 | 0.062 | 0.0 | 0.188 | 0.0 | 0.25 | 0.0 | 0.125 | 0.125 | 0.0 |
| VI | 0.443 | 0.063 | 0.047 | 0.0 | 0.19 | 0.094 | 0.0 | 0.165 | 0.0 | 0.0 | 0.0 | 0.0 |
| bVII | 0.394 | 0.0 | 0.0 | 0.045 | 0.0 | 0.218 | 0.0 | 0.064 | 0.188 | 0.091 | 0.0 | 0.0 |
| VII | 0.25 | 0.0 | 0.0 | 0.0 | 0.625 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster12\_8

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.096 | 0.035 | 0.039 | 0.63 | 0.0 | 0.107 | 0.037 | 0.01 | 0.024 | 0.021 |
| bII | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.067 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.229 | 0.042 | 0.0 | 0.0 | 0.049 | 0.441 | 0.021 | 0.114 | 0.0 | 0.063 | 0.042 | 0.0 |
| bIII | 0.144 | 0.154 | 0.317 | 0.0 | 0.0 | 0.0 | 0.0 | 0.141 | 0.141 | 0.0 | 0.103 | 0.0 |
| III | 0.125 | 0.011 | 0.194 | 0.111 | 0.0 | 0.244 | 0.0 | 0.014 | 0.0 | 0.3 | 0.0 | 0.0 |
| IV | 0.13 | 0.0 | 0.024 | 0.025 | 0.021 | 0.0 | 0.0 | 0.726 | 0.029 | 0.005 | 0.04 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 |
| V | 0.818 | 0.002 | 0.004 | 0.004 | 0.004 | 0.123 | 0.0 | 0.0 | 0.015 | 0.022 | 0.008 | 0.0 |
| bVI | 0.194 | 0.0 | 0.017 | 0.0 | 0.0 | 0.167 | 0.0 | 0.287 | 0.0 | 0.067 | 0.269 | 0.0 |
| VI | 0.088 | 0.059 | 0.097 | 0.017 | 0.139 | 0.12 | 0.0 | 0.303 | 0.059 | 0.0 | 0.059 | 0.059 |
| bVII | 0.09 | 0.0 | 0.063 | 0.144 | 0.0 | 0.285 | 0.0 | 0.325 | 0.063 | 0.031 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.231 | 0.583 | 0.0 | 0.0 | 0.0 | 0.185 | 0.0 | 0.0 |

cluster12\_9

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.027 | 0.434 | 0.04 | 0.098 | 0.177 | 0.0 | 0.065 | 0.009 | 0.098 | 0.036 | 0.016 |
| bII | 0.333 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.111 | 0.0 | 0.111 | 0.0 | 0.111 | 0.0 |
| II | 0.683 | 0.018 | 0.0 | 0.009 | 0.067 | 0.063 | 0.0 | 0.078 | 0.0 | 0.072 | 0.009 | 0.0 |
| bIII | 0.111 | 0.0 | 0.333 | 0.0 | 0.222 | 0.0 | 0.0 | 0.111 | 0.0 | 0.111 | 0.111 | 0.0 |
| III | 0.039 | 0.017 | 0.271 | 0.067 | 0.0 | 0.204 | 0.0 | 0.078 | 0.0 | 0.307 | 0.0 | 0.017 |
| IV | 0.359 | 0.0 | 0.18 | 0.0 | 0.198 | 0.0 | 0.036 | 0.083 | 0.007 | 0.088 | 0.05 | 0.0 |
| bV | 0.0 | 0.133 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.167 | 0.0 | 0.0 | 0.1 |
| V | 0.436 | 0.0 | 0.115 | 0.0 | 0.155 | 0.12 | 0.008 | 0.0 | 0.038 | 0.074 | 0.053 | 0.0 |
| bVI | 0.214 | 0.048 | 0.0 | 0.071 | 0.0 | 0.095 | 0.095 | 0.19 | 0.0 | 0.143 | 0.143 | 0.0 |
| VI | 0.119 | 0.0 | 0.422 | 0.0 | 0.114 | 0.13 | 0.0 | 0.14 | 0.014 | 0.0 | 0.054 | 0.007 |
| bVII | 0.187 | 0.0 | 0.077 | 0.0 | 0.077 | 0.128 | 0.0 | 0.223 | 0.231 | 0.077 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.125 | 0.0 | 0.375 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 |

cluster13\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.005 | 0.019 | 0.527 | 0.0 | 0.183 | 0.0 | 0.144 | 0.084 | 0.0 | 0.036 | 0.0 |
| bII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.25 | 0.0 | 0.0 | 0.0 |
| II | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.167 | 0.0 | 0.0 | 0.0 | 0.0 |
| bIII | 0.009 | 0.0 | 0.0 | 0.0 | 0.0 | 0.933 | 0.0 | 0.0 | 0.044 | 0.0 | 0.014 | 0.0 |
| III | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| IV | 0.619 | 0.0 | 0.031 | 0.066 | 0.0 | 0.0 | 0.019 | 0.132 | 0.088 | 0.0 | 0.046 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.623 | 0.0 | 0.0 | 0.092 | 0.0 | 0.153 | 0.015 | 0.0 | 0.088 | 0.0 | 0.029 | 0.0 |
| bVI | 0.083 | 0.083 | 0.0 | 0.139 | 0.0 | 0.181 | 0.0 | 0.097 | 0.0 | 0.083 | 0.292 | 0.042 |
| VI | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| bVII | 0.607 | 0.0 | 0.0 | 0.0 | 0.0 | 0.357 | 0.0 | 0.0 | 0.036 | 0.0 | 0.0 | 0.0 |
| VII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster13\_10

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.053 | 0.009 | 0.051 | 0.134 | 0.0 | 0.199 | 0.02 | 0.033 | 0.5 | 0.0 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.167 | 0.0 | 0.0 | 0.0 | 0.133 | 0.183 | 0.0 | 0.406 | 0.0 | 0.067 | 0.044 | 0.0 |
| bIII | 0.312 | 0.0 | 0.125 | 0.0 | 0.0 | 0.188 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.25 |
| III | 0.031 | 0.0 | 0.413 | 0.0 | 0.0 | 0.171 | 0.0 | 0.094 | 0.0 | 0.261 | 0.031 | 0.0 |
| IV | 0.75 | 0.0 | 0.016 | 0.024 | 0.042 | 0.0 | 0.0 | 0.089 | 0.013 | 0.04 | 0.027 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.266 | 0.011 | 0.053 | 0.0 | 0.135 | 0.211 | 0.045 | 0.0 | 0.0 | 0.071 | 0.207 | 0.0 |
| bVI | 0.25 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 | 0.0 | 0.25 | 0.0 | 0.125 | 0.0 | 0.0 |
| VI | 0.268 | 0.0 | 0.135 | 0.0 | 0.042 | 0.231 | 0.0 | 0.197 | 0.0 | 0.0 | 0.127 | 0.0 |
| bVII | 0.059 | 0.0 | 0.0 | 0.0 | 0.0 | 0.932 | 0.0 | 0.01 | 0.0 | 0.0 | 0.0 | 0.0 |
| VII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster13\_11

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.033 | 0.054 | 0.066 | 0.055 | 0.026 | 0.007 | 0.551 | 0.029 | 0.099 | 0.059 | 0.02 |
| bII | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.067 | 0.4 | 0.067 | 0.0 | 0.067 | 0.0 |
| II | 0.057 | 0.0 | 0.0 | 0.0 | 0.158 | 0.338 | 0.0 | 0.186 | 0.053 | 0.182 | 0.026 | 0.0 |
| bIII | 0.222 | 0.111 | 0.222 | 0.0 | 0.0 | 0.074 | 0.0 | 0.148 | 0.111 | 0.111 | 0.0 | 0.0 |
| III | 0.148 | 0.0 | 0.162 | 0.059 | 0.0 | 0.02 | 0.0 | 0.295 | 0.0 | 0.286 | 0.0 | 0.03 |
| IV | 0.083 | 0.0 | 0.15 | 0.1 | 0.22 | 0.0 | 0.0 | 0.321 | 0.0 | 0.06 | 0.067 | 0.0 |
| bV | 0.0 | 0.222 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.278 | 0.0 | 0.0 | 0.5 |
| V | 0.703 | 0.0 | 0.067 | 0.004 | 0.062 | 0.088 | 0.0 | 0.0 | 0.0 | 0.069 | 0.007 | 0.0 |
| bVI | 0.0 | 0.056 | 0.0 | 0.167 | 0.0 | 0.0 | 0.111 | 0.667 | 0.0 | 0.0 | 0.0 | 0.0 |
| VI | 0.283 | 0.0 | 0.158 | 0.0 | 0.17 | 0.059 | 0.0 | 0.214 | 0.0 | 0.0 | 0.066 | 0.05 |
| bVII | 0.318 | 0.0 | 0.0 | 0.091 | 0.0 | 0.182 | 0.0 | 0.152 | 0.182 | 0.076 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.125 | 0.0 | 0.486 | 0.0 | 0.25 | 0.0 | 0.0 | 0.139 | 0.0 | 0.0 |

cluster13\_12

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.247 | 0.008 | 0.006 | 0.351 | 0.001 | 0.281 | 0.006 | 0.047 | 0.042 | 0.01 |
| bII | 0.667 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.008 | 0.0 | 0.0 | 0.0 | 0.008 | 0.007 | 0.0 | 0.971 | 0.0 | 0.002 | 0.0 | 0.004 |
| bIII | 0.083 | 0.167 | 0.25 | 0.0 | 0.0 | 0.333 | 0.0 | 0.167 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.096 | 0.0 | 0.288 | 0.0 | 0.0 | 0.308 | 0.077 | 0.115 | 0.0 | 0.077 | 0.0 | 0.038 |
| IV | 0.374 | 0.0 | 0.238 | 0.024 | 0.067 | 0.0 | 0.015 | 0.238 | 0.0 | 0.014 | 0.03 | 0.0 |
| bV | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.125 | 0.0 | 0.0 | 0.125 |
| V | 0.734 | 0.002 | 0.103 | 0.0 | 0.002 | 0.099 | 0.0 | 0.0 | 0.028 | 0.028 | 0.0 | 0.003 |
| bVI | 0.25 | 0.0 | 0.0 | 0.063 | 0.0 | 0.188 | 0.0 | 0.25 | 0.0 | 0.125 | 0.125 | 0.0 |
| VI | 0.506 | 0.071 | 0.054 | 0.0 | 0.179 | 0.036 | 0.0 | 0.155 | 0.0 | 0.0 | 0.0 | 0.0 |
| bVII | 0.394 | 0.0 | 0.0 | 0.045 | 0.0 | 0.218 | 0.0 | 0.064 | 0.188 | 0.091 | 0.0 | 0.0 |
| VII | 0.25 | 0.0 | 0.0 | 0.0 | 0.625 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster13\_13

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.007 | 0.019 | 0.067 | 0.0 | 0.095 | 0.0 | 0.067 | 0.329 | 0.008 | 0.408 | 0.0 |
| bII | 0.524 | 0.0 | 0.0 | 0.143 | 0.143 | 0.143 | 0.0 | 0.0 | 0.048 | 0.0 | 0.0 | 0.0 |
| II | 0.08 | 0.2 | 0.0 | 0.12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.2 | 0.0 |
| bIII | 0.078 | 0.0 | 0.069 | 0.0 | 0.0 | 0.06 | 0.0 | 0.054 | 0.166 | 0.01 | 0.564 | 0.0 |
| III | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 |
| IV | 0.15 | 0.018 | 0.01 | 0.087 | 0.0 | 0.0 | 0.0 | 0.239 | 0.171 | 0.0 | 0.326 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.447 | 0.0 | 0.0 | 0.013 | 0.0 | 0.191 | 0.0 | 0.0 | 0.232 | 0.031 | 0.085 | 0.0 |
| bVI | 0.2 | 0.003 | 0.0 | 0.059 | 0.0 | 0.027 | 0.002 | 0.166 | 0.0 | 0.005 | 0.537 | 0.0 |
| VI | 0.214 | 0.0 | 0.114 | 0.0 | 0.0 | 0.143 | 0.0 | 0.457 | 0.071 | 0.0 | 0.0 | 0.0 |
| bVII | 0.682 | 0.005 | 0.0 | 0.093 | 0.0 | 0.043 | 0.0 | 0.033 | 0.144 | 0.001 | 0.0 | 0.0 |
| VII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

cluster13\_2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.092 | 0.004 | 0.08 | 0.316 | 0.0 | 0.277 | 0.004 | 0.202 | 0.018 | 0.006 |
| bII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.218 | 0.0 | 0.0 | 0.017 | 0.25 | 0.308 | 0.0 | 0.156 | 0.0 | 0.035 | 0.017 | 0.0 |
| bIII | 0.0 | 0.0 | 0.333 | 0.0 | 0.333 | 0.0 | 0.0 | 0.111 | 0.0 | 0.0 | 0.222 | 0.0 |
| III | 0.015 | 0.0 | 0.037 | 0.0 | 0.0 | 0.931 | 0.0 | 0.0 | 0.0 | 0.017 | 0.0 | 0.0 |
| IV | 0.453 | 0.0 | 0.038 | 0.014 | 0.021 | 0.0 | 0.023 | 0.34 | 0.029 | 0.073 | 0.009 | 0.0 |
| bV | 0.667 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.465 | 0.0 | 0.042 | 0.0 | 0.071 | 0.242 | 0.0 | 0.0 | 0.006 | 0.174 | 0.0 | 0.0 |
| bVI | 0.25 | 0.0 | 0.0 | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.0 |
| VI | 0.133 | 0.04 | 0.0 | 0.0 | 0.423 | 0.244 | 0.0 | 0.159 | 0.0 | 0.0 | 0.0 | 0.0 |
| bVII | 0.417 | 0.0 | 0.25 | 0.0 | 0.0 | 0.083 | 0.0 | 0.0 | 0.125 | 0.125 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster13\_3

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.04 | 0.058 | 0.017 | 0.715 | 0.002 | 0.033 | 0.038 | 0.031 | 0.057 | 0.009 |
| bII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.125 | 0.225 | 0.0 | 0.15 | 0.0 | 0.0 | 0.0 |
| II | 0.214 | 0.088 | 0.0 | 0.0 | 0.096 | 0.231 | 0.0 | 0.146 | 0.0 | 0.225 | 0.0 | 0.0 |
| bIII | 0.412 | 0.103 | 0.118 | 0.0 | 0.0 | 0.0 | 0.0 | 0.015 | 0.221 | 0.0 | 0.132 | 0.0 |
| III | 0.071 | 0.0 | 0.071 | 0.0 | 0.0 | 0.071 | 0.0 | 0.357 | 0.0 | 0.429 | 0.0 | 0.0 |
| IV | 0.825 | 0.0 | 0.008 | 0.068 | 0.008 | 0.0 | 0.006 | 0.014 | 0.002 | 0.024 | 0.045 | 0.0 |
| bV | 0.143 | 0.071 | 0.143 | 0.036 | 0.0 | 0.286 | 0.0 | 0.0 | 0.107 | 0.0 | 0.214 | 0.0 |
| V | 0.075 | 0.0 | 0.222 | 0.0 | 0.167 | 0.028 | 0.139 | 0.0 | 0.067 | 0.239 | 0.063 | 0.0 |
| bVI | 0.371 | 0.068 | 0.0 | 0.136 | 0.0 | 0.136 | 0.106 | 0.0 | 0.0 | 0.0 | 0.182 | 0.0 |
| VI | 0.267 | 0.0 | 0.367 | 0.0 | 0.11 | 0.187 | 0.028 | 0.0 | 0.0 | 0.0 | 0.013 | 0.028 |
| bVII | 0.364 | 0.0 | 0.0 | 0.089 | 0.0 | 0.445 | 0.0 | 0.0 | 0.028 | 0.019 | 0.0 | 0.056 |
| VII | 0.0 | 0.0 | 0.0 | 0.25 | 0.25 | 0.25 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.0 |

cluster13\_4

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.05 | 0.004 | 0.046 | 0.21 | 0.004 | 0.137 | 0.007 | 0.529 | 0.013 | 0.0 |
| bII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| II | 0.251 | 0.0 | 0.0 | 0.0 | 0.012 | 0.143 | 0.0 | 0.408 | 0.0 | 0.032 | 0.131 | 0.024 |
| bIII | 0.25 | 0.0 | 0.0 | 0.0 | 0.125 | 0.375 | 0.0 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 |
| III | 0.063 | 0.0 | 0.104 | 0.0 | 0.0 | 0.124 | 0.0 | 0.094 | 0.0 | 0.603 | 0.012 | 0.0 |
| IV | 0.153 | 0.0 | 0.051 | 0.006 | 0.031 | 0.0 | 0.0 | 0.688 | 0.022 | 0.012 | 0.036 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.784 | 0.0 | 0.039 | 0.0 | 0.025 | 0.067 | 0.0 | 0.0 | 0.008 | 0.071 | 0.007 | 0.0 |
| bVI | 0.4 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.275 | 0.0 | 0.1 | 0.025 | 0.0 |
| VI | 0.079 | 0.0 | 0.022 | 0.0 | 0.015 | 0.869 | 0.0 | 0.007 | 0.009 | 0.0 | 0.0 | 0.0 |
| bVII | 0.497 | 0.0 | 0.0 | 0.033 | 0.0 | 0.2 | 0.0 | 0.15 | 0.01 | 0.1 | 0.0 | 0.01 |
| VII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster13\_5

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.002 | 0.006 | 0.002 | 0.019 | 0.432 | 0.0 | 0.471 | 0.013 | 0.028 | 0.028 | 0.0 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.25 | 0.167 | 0.0 | 0.0 | 0.25 |
| II | 0.243 | 0.0 | 0.0 | 0.0 | 0.056 | 0.347 | 0.0 | 0.208 | 0.0 | 0.146 | 0.0 | 0.0 |
| bIII | 0.917 | 0.0 | 0.0 | 0.0 | 0.0 | 0.083 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.312 | 0.0 | 0.375 | 0.0 | 0.0 | 0.0 | 0.0 | 0.146 | 0.0 | 0.167 | 0.0 | 0.0 |
| IV | 0.827 | 0.0 | 0.015 | 0.001 | 0.013 | 0.0 | 0.006 | 0.083 | 0.012 | 0.024 | 0.019 | 0.0 |
| bV | 0.667 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.095 | 0.0 | 0.021 | 0.0 | 0.0 | 0.817 | 0.004 | 0.0 | 0.0 | 0.044 | 0.019 | 0.0 |
| bVI | 0.187 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 | 0.25 | 0.0 | 0.0 | 0.187 | 0.0 | 0.0 |
| VI | 0.103 | 0.0 | 0.167 | 0.0 | 0.075 | 0.3 | 0.0 | 0.23 | 0.05 | 0.0 | 0.075 | 0.0 |
| bVII | 0.482 | 0.0 | 0.05 | 0.0 | 0.0 | 0.324 | 0.0 | 0.111 | 0.033 | 0.0 | 0.0 | 0.0 |
| VII | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster13\_6

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.014 | 0.112 | 0.031 | 0.064 | 0.311 | 0.013 | 0.083 | 0.002 | 0.3 | 0.048 | 0.021 |
| bII | 0.375 | 0.0 | 0.5 | 0.063 | 0.0 | 0.0 | 0.063 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.045 | 0.024 | 0.0 | 0.003 | 0.045 | 0.056 | 0.0 | 0.771 | 0.0 | 0.017 | 0.036 | 0.004 |
| bIII | 0.05 | 0.0 | 0.3 | 0.0 | 0.1 | 0.0 | 0.0 | 0.275 | 0.275 | 0.0 | 0.0 | 0.0 |
| III | 0.007 | 0.039 | 0.068 | 0.039 | 0.0 | 0.13 | 0.0 | 0.032 | 0.0 | 0.671 | 0.013 | 0.0 |
| IV | 0.427 | 0.0 | 0.068 | 0.0 | 0.067 | 0.0 | 0.03 | 0.296 | 0.004 | 0.06 | 0.041 | 0.008 |
| bV | 0.111 | 0.0 | 0.111 | 0.0 | 0.111 | 0.222 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.111 |
| V | 0.718 | 0.0 | 0.047 | 0.005 | 0.064 | 0.092 | 0.004 | 0.0 | 0.0 | 0.061 | 0.007 | 0.002 |
| bVI | 0.222 | 0.333 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.111 |
| VI | 0.02 | 0.0 | 0.78 | 0.0 | 0.039 | 0.083 | 0.0 | 0.067 | 0.0 | 0.0 | 0.0 | 0.011 |
| bVII | 0.156 | 0.0 | 0.111 | 0.0 | 0.028 | 0.061 | 0.0 | 0.361 | 0.0 | 0.25 | 0.0 | 0.033 |
| VII | 0.105 | 0.0 | 0.105 | 0.0 | 0.754 | 0.035 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster13\_7

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.422 | 0.0 | 0.044 | 0.224 | 0.0 | 0.168 | 0.011 | 0.082 | 0.035 | 0.014 |
| bII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| II | 0.885 | 0.0 | 0.0 | 0.0 | 0.026 | 0.024 | 0.0 | 0.038 | 0.0 | 0.024 | 0.003 | 0.0 |
| bIII | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.333 | 0.0 |
| III | 0.0 | 0.0 | 0.431 | 0.056 | 0.0 | 0.209 | 0.0 | 0.056 | 0.0 | 0.249 | 0.0 | 0.0 |
| IV | 0.302 | 0.0 | 0.147 | 0.0 | 0.176 | 0.0 | 0.0 | 0.24 | 0.007 | 0.074 | 0.052 | 0.0 |
| bV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| V | 0.581 | 0.0 | 0.073 | 0.0 | 0.045 | 0.162 | 0.0 | 0.0 | 0.032 | 0.052 | 0.054 | 0.0 |
| bVI | 0.25 | 0.0 | 0.0 | 0.083 | 0.0 | 0.111 | 0.0 | 0.389 | 0.0 | 0.0 | 0.167 | 0.0 |
| VI | 0.061 | 0.0 | 0.412 | 0.0 | 0.044 | 0.185 | 0.0 | 0.146 | 0.066 | 0.0 | 0.087 | 0.0 |
| bVII | 0.312 | 0.0 | 0.0 | 0.0 | 0.091 | 0.152 | 0.0 | 0.173 | 0.182 | 0.091 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 |

cluster13\_8

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.006 | 0.025 | 0.014 | 0.014 | 0.527 | 0.0 | 0.342 | 0.023 | 0.026 | 0.019 | 0.003 |
| bII | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 |
| II | 0.356 | 0.045 | 0.0 | 0.061 | 0.023 | 0.136 | 0.023 | 0.189 | 0.091 | 0.0 | 0.076 | 0.0 |
| bIII | 0.173 | 0.077 | 0.038 | 0.0 | 0.0 | 0.173 | 0.0 | 0.154 | 0.115 | 0.0 | 0.269 | 0.0 |
| III | 0.063 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 | 0.0 | 0.063 | 0.0 | 0.5 | 0.0 | 0.0 |
| IV | 0.842 | 0.0 | 0.01 | 0.019 | 0.0 | 0.0 | 0.002 | 0.076 | 0.013 | 0.004 | 0.034 | 0.0 |
| bV | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.906 | 0.0 | 0.005 | 0.0 | 0.003 | 0.043 | 0.0 | 0.0 | 0.017 | 0.018 | 0.004 | 0.003 |
| bVI | 0.172 | 0.0 | 0.0 | 0.031 | 0.038 | 0.103 | 0.0 | 0.374 | 0.0 | 0.0 | 0.282 | 0.0 |
| VI | 0.465 | 0.0 | 0.123 | 0.0 | 0.0 | 0.114 | 0.0 | 0.193 | 0.079 | 0.0 | 0.026 | 0.0 |
| bVII | 0.288 | 0.0 | 0.0 | 0.063 | 0.0 | 0.215 | 0.0 | 0.327 | 0.033 | 0.075 | 0.0 | 0.0 |
| VII | 0.667 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 |

cluster13\_9

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.056 | 0.026 | 0.033 | 0.647 | 0.0 | 0.127 | 0.049 | 0.009 | 0.046 | 0.007 |
| bII | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.015 | 0.077 | 0.0 | 0.077 | 0.0 | 0.423 | 0.038 | 0.177 | 0.0 | 0.115 | 0.077 | 0.0 |
| bIII | 0.299 | 0.091 | 0.193 | 0.0 | 0.0 | 0.023 | 0.0 | 0.167 | 0.197 | 0.0 | 0.03 | 0.0 |
| III | 0.136 | 0.018 | 0.227 | 0.091 | 0.0 | 0.036 | 0.0 | 0.0 | 0.0 | 0.491 | 0.0 | 0.0 |
| IV | 0.104 | 0.0 | 0.005 | 0.025 | 0.024 | 0.0 | 0.0 | 0.783 | 0.026 | 0.006 | 0.027 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 |
| V | 0.785 | 0.003 | 0.002 | 0.004 | 0.004 | 0.133 | 0.0 | 0.0 | 0.028 | 0.023 | 0.017 | 0.0 |
| bVI | 0.194 | 0.0 | 0.017 | 0.0 | 0.0 | 0.167 | 0.0 | 0.327 | 0.0 | 0.067 | 0.229 | 0.0 |
| VI | 0.115 | 0.0 | 0.049 | 0.022 | 0.182 | 0.157 | 0.0 | 0.397 | 0.0 | 0.0 | 0.077 | 0.0 |
| bVII | 0.252 | 0.0 | 0.0 | 0.167 | 0.0 | 0.26 | 0.0 | 0.214 | 0.107 | 0.0 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.125 | 0.875 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster14\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.011 | 0.0 | 0.101 | 0.0 | 0.099 | 0.0 | 0.12 | 0.605 | 0.0 | 0.064 | 0.0 |
| bII | 0.5 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 |
| bIII | 0.038 | 0.0 | 0.0 | 0.0 | 0.0 | 0.437 | 0.0 | 0.077 | 0.208 | 0.019 | 0.221 | 0.0 |
| III | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| IV | 0.346 | 0.006 | 0.0 | 0.019 | 0.0 | 0.0 | 0.0 | 0.248 | 0.272 | 0.0 | 0.11 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.519 | 0.0 | 0.0 | 0.01 | 0.0 | 0.189 | 0.0 | 0.0 | 0.252 | 0.03 | 0.0 | 0.0 |
| bVI | 0.05 | 0.0 | 0.0 | 0.076 | 0.0 | 0.021 | 0.003 | 0.104 | 0.0 | 0.008 | 0.738 | 0.0 |
| VI | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.25 | 0.0 | 0.55 | 0.0 | 0.0 | 0.0 | 0.0 |
| bVII | 0.788 | 0.005 | 0.0 | 0.076 | 0.0 | 0.065 | 0.0 | 0.012 | 0.055 | 0.0 | 0.0 | 0.0 |
| VII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

cluster14\_10

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.028 | 0.025 | 0.134 | 0.036 | 0.096 | 0.0 | 0.028 | 0.117 | 0.027 | 0.508 | 0.002 |
| bII | 0.462 | 0.0 | 0.0 | 0.0 | 0.115 | 0.154 | 0.038 | 0.0 | 0.077 | 0.0 | 0.154 | 0.0 |
| II | 0.067 | 0.167 | 0.0 | 0.267 | 0.0 | 0.0 | 0.0 | 0.0 | 0.167 | 0.167 | 0.167 | 0.0 |
| bIII | 0.227 | 0.064 | 0.064 | 0.0 | 0.0 | 0.065 | 0.0 | 0.014 | 0.09 | 0.036 | 0.441 | 0.0 |
| III | 0.241 | 0.103 | 0.0 | 0.207 | 0.0 | 0.0 | 0.0 | 0.207 | 0.0 | 0.103 | 0.0 | 0.138 |
| IV | 0.163 | 0.019 | 0.013 | 0.167 | 0.0 | 0.0 | 0.0 | 0.187 | 0.051 | 0.0 | 0.399 | 0.0 |
| bV | 0.0 | 0.222 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.444 | 0.0 | 0.167 | 0.167 |
| V | 0.486 | 0.0 | 0.0 | 0.01 | 0.0 | 0.138 | 0.0 | 0.0 | 0.156 | 0.086 | 0.124 | 0.0 |
| bVI | 0.281 | 0.016 | 0.0 | 0.073 | 0.016 | 0.091 | 0.052 | 0.209 | 0.0 | 0.0 | 0.262 | 0.0 |
| VI | 0.379 | 0.0 | 0.111 | 0.0 | 0.222 | 0.0 | 0.0 | 0.121 | 0.056 | 0.0 | 0.111 | 0.0 |
| bVII | 0.558 | 0.004 | 0.0 | 0.101 | 0.0 | 0.035 | 0.0 | 0.071 | 0.219 | 0.013 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 |

cluster14\_11

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.002 | 0.031 | 0.014 | 0.011 | 0.484 | 0.0 | 0.401 | 0.014 | 0.028 | 0.013 | 0.004 |
| bII | 0.5 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.368 | 0.042 | 0.0 | 0.056 | 0.0 | 0.181 | 0.021 | 0.181 | 0.083 | 0.0 | 0.069 | 0.0 |
| bIII | 0.056 | 0.0 | 0.056 | 0.0 | 0.0 | 0.333 | 0.0 | 0.222 | 0.056 | 0.0 | 0.278 | 0.0 |
| III | 0.1 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.4 | 0.0 | 0.0 |
| IV | 0.89 | 0.0 | 0.011 | 0.008 | 0.005 | 0.0 | 0.003 | 0.064 | 0.007 | 0.005 | 0.008 | 0.0 |
| bV | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.906 | 0.0 | 0.013 | 0.003 | 0.004 | 0.045 | 0.0 | 0.0 | 0.013 | 0.012 | 0.003 | 0.003 |
| bVI | 0.156 | 0.0 | 0.0 | 0.044 | 0.0 | 0.111 | 0.0 | 0.467 | 0.0 | 0.0 | 0.222 | 0.0 |
| VI | 0.4 | 0.0 | 0.156 | 0.0 | 0.0 | 0.144 | 0.0 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 |
| bVII | 0.348 | 0.0 | 0.0 | 0.0 | 0.0 | 0.217 | 0.0 | 0.261 | 0.058 | 0.116 | 0.0 | 0.0 |
| VII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster14\_12

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.232 | 0.007 | 0.027 | 0.343 | 0.0 | 0.276 | 0.005 | 0.062 | 0.038 | 0.009 |
| bII | 0.667 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.01 | 0.0 | 0.0 | 0.0 | 0.009 | 0.021 | 0.0 | 0.955 | 0.0 | 0.002 | 0.0 | 0.004 |
| bIII | 0.062 | 0.125 | 0.438 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.069 | 0.0 | 0.31 | 0.056 | 0.0 | 0.343 | 0.056 | 0.102 | 0.0 | 0.037 | 0.0 | 0.028 |
| IV | 0.316 | 0.0 | 0.217 | 0.021 | 0.066 | 0.0 | 0.013 | 0.318 | 0.0 | 0.021 | 0.027 | 0.0 |
| bV | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.167 | 0.0 | 0.0 | 0.167 |
| V | 0.7 | 0.002 | 0.106 | 0.002 | 0.004 | 0.117 | 0.0 | 0.0 | 0.026 | 0.041 | 0.0 | 0.003 |
| bVI | 0.25 | 0.0 | 0.0 | 0.062 | 0.0 | 0.188 | 0.0 | 0.25 | 0.0 | 0.125 | 0.125 | 0.0 |
| VI | 0.358 | 0.059 | 0.099 | 0.0 | 0.218 | 0.088 | 0.0 | 0.178 | 0.0 | 0.0 | 0.0 | 0.0 |
| bVII | 0.394 | 0.0 | 0.0 | 0.045 | 0.0 | 0.218 | 0.0 | 0.064 | 0.188 | 0.091 | 0.0 | 0.0 |
| VII | 0.25 | 0.0 | 0.0 | 0.0 | 0.625 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster14\_13

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.023 | 0.141 | 0.011 | 0.704 | 0.002 | 0.032 | 0.026 | 0.01 | 0.049 | 0.002 |
| bII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| II | 0.214 | 0.114 | 0.0 | 0.0 | 0.1 | 0.114 | 0.0 | 0.164 | 0.0 | 0.293 | 0.0 | 0.0 |
| bIII | 0.227 | 0.045 | 0.045 | 0.0 | 0.0 | 0.364 | 0.0 | 0.011 | 0.216 | 0.0 | 0.091 | 0.0 |
| III | 0.125 | 0.0 | 0.063 | 0.0 | 0.0 | 0.125 | 0.0 | 0.375 | 0.0 | 0.312 | 0.0 | 0.0 |
| IV | 0.851 | 0.0 | 0.008 | 0.062 | 0.008 | 0.0 | 0.005 | 0.009 | 0.001 | 0.019 | 0.035 | 0.0 |
| bV | 0.167 | 0.083 | 0.167 | 0.042 | 0.0 | 0.333 | 0.0 | 0.0 | 0.042 | 0.0 | 0.167 | 0.0 |
| V | 0.059 | 0.0 | 0.235 | 0.118 | 0.059 | 0.0 | 0.147 | 0.0 | 0.188 | 0.194 | 0.0 | 0.0 |
| bVI | 0.371 | 0.068 | 0.0 | 0.136 | 0.0 | 0.136 | 0.015 | 0.0 | 0.0 | 0.091 | 0.182 | 0.0 |
| VI | 0.259 | 0.0 | 0.285 | 0.0 | 0.133 | 0.231 | 0.037 | 0.0 | 0.0 | 0.0 | 0.017 | 0.037 |
| bVII | 0.347 | 0.0 | 0.0 | 0.094 | 0.0 | 0.445 | 0.0 | 0.0 | 0.031 | 0.021 | 0.0 | 0.062 |
| VII | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 |

cluster14\_14

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.022 | 0.16 | 0.03 | 0.091 | 0.371 | 0.015 | 0.104 | 0.0 | 0.13 | 0.042 | 0.035 |
| bII | 0.257 | 0.0 | 0.429 | 0.071 | 0.0 | 0.0 | 0.1 | 0.143 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.142 | 0.021 | 0.0 | 0.004 | 0.1 | 0.061 | 0.012 | 0.548 | 0.012 | 0.071 | 0.024 | 0.006 |
| bIII | 0.0 | 0.111 | 0.222 | 0.0 | 0.167 | 0.056 | 0.0 | 0.222 | 0.222 | 0.0 | 0.0 | 0.0 |
| III | 0.018 | 0.014 | 0.043 | 0.0 | 0.0 | 0.028 | 0.0 | 0.017 | 0.0 | 0.874 | 0.0 | 0.007 |
| IV | 0.346 | 0.0 | 0.087 | 0.006 | 0.138 | 0.0 | 0.026 | 0.3 | 0.0 | 0.004 | 0.089 | 0.004 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.143 | 0.143 | 0.0 | 0.357 | 0.0 | 0.0 | 0.0 | 0.357 |
| V | 0.644 | 0.003 | 0.025 | 0.0 | 0.154 | 0.069 | 0.0 | 0.0 | 0.007 | 0.091 | 0.007 | 0.0 |
| bVI | 0.333 | 0.333 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| VI | 0.139 | 0.0 | 0.404 | 0.006 | 0.097 | 0.207 | 0.0 | 0.133 | 0.0 | 0.0 | 0.0 | 0.015 |
| bVII | 0.43 | 0.0 | 0.148 | 0.0 | 0.148 | 0.081 | 0.0 | 0.037 | 0.0 | 0.111 | 0.0 | 0.044 |
| VII | 0.0 | 0.0 | 0.05 | 0.0 | 0.842 | 0.108 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster14\_2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.028 | 0.091 | 0.011 | 0.661 | 0.0 | 0.092 | 0.068 | 0.004 | 0.025 | 0.019 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.25 | 0.0 | 0.0 | 0.0 |
| II | 0.042 | 0.25 | 0.0 | 0.0 | 0.0 | 0.583 | 0.0 | 0.0 | 0.0 | 0.0 | 0.125 | 0.0 |
| bIII | 0.252 | 0.056 | 0.007 | 0.0 | 0.0 | 0.375 | 0.0 | 0.102 | 0.134 | 0.0 | 0.074 | 0.0 |
| III | 0.375 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.0 |
| IV | 0.164 | 0.0 | 0.026 | 0.046 | 0.0 | 0.0 | 0.009 | 0.623 | 0.062 | 0.003 | 0.068 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.873 | 0.0 | 0.0 | 0.002 | 0.0 | 0.07 | 0.004 | 0.0 | 0.031 | 0.011 | 0.009 | 0.0 |
| bVI | 0.202 | 0.048 | 0.012 | 0.0 | 0.0 | 0.087 | 0.0 | 0.344 | 0.0 | 0.048 | 0.235 | 0.024 |
| VI | 0.071 | 0.0 | 0.071 | 0.0 | 0.0 | 0.143 | 0.0 | 0.429 | 0.0 | 0.0 | 0.143 | 0.143 |
| bVII | 0.164 | 0.0 | 0.0 | 0.155 | 0.0 | 0.297 | 0.0 | 0.335 | 0.049 | 0.0 | 0.0 | 0.0 |
| VII | 0.333 | 0.0 | 0.0 | 0.0 | 0.148 | 0.333 | 0.0 | 0.0 | 0.0 | 0.185 | 0.0 | 0.0 |

cluster14\_3

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.052 | 0.004 | 0.022 | 0.189 | 0.004 | 0.087 | 0.007 | 0.623 | 0.012 | 0.0 |
| bII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| II | 0.209 | 0.0 | 0.0 | 0.0 | 0.069 | 0.222 | 0.0 | 0.337 | 0.0 | 0.037 | 0.097 | 0.028 |
| bIII | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 |
| III | 0.077 | 0.0 | 0.128 | 0.0 | 0.0 | 0.287 | 0.0 | 0.181 | 0.0 | 0.311 | 0.015 | 0.0 |
| IV | 0.145 | 0.0 | 0.051 | 0.002 | 0.042 | 0.0 | 0.0 | 0.701 | 0.025 | 0.014 | 0.02 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.817 | 0.0 | 0.043 | 0.003 | 0.024 | 0.067 | 0.0 | 0.0 | 0.0 | 0.039 | 0.007 | 0.0 |
| bVI | 0.375 | 0.0 | 0.0 | 0.125 | 0.0 | 0.125 | 0.0 | 0.344 | 0.0 | 0.0 | 0.031 | 0.0 |
| VI | 0.125 | 0.0 | 0.024 | 0.0 | 0.036 | 0.791 | 0.0 | 0.011 | 0.01 | 0.0 | 0.003 | 0.0 |
| bVII | 0.367 | 0.0 | 0.0 | 0.037 | 0.0 | 0.333 | 0.0 | 0.13 | 0.011 | 0.111 | 0.0 | 0.011 |
| VII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster14\_4

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.008 | 0.111 | 0.02 | 0.047 | 0.207 | 0.014 | 0.112 | 0.003 | 0.426 | 0.043 | 0.009 |
| bII | 0.5 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.125 |
| II | 0.03 | 0.017 | 0.0 | 0.0 | 0.004 | 0.066 | 0.0 | 0.797 | 0.0 | 0.026 | 0.061 | 0.0 |
| bIII | 0.1 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.15 | 0.35 | 0.0 | 0.0 | 0.0 |
| III | 0.0 | 0.091 | 0.136 | 0.136 | 0.0 | 0.348 | 0.0 | 0.076 | 0.0 | 0.167 | 0.045 | 0.0 |
| IV | 0.492 | 0.0 | 0.08 | 0.0 | 0.042 | 0.0 | 0.014 | 0.237 | 0.007 | 0.109 | 0.012 | 0.007 |
| bV | 0.2 | 0.0 | 0.2 | 0.0 | 0.0 | 0.2 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.77 | 0.0 | 0.044 | 0.008 | 0.01 | 0.134 | 0.006 | 0.0 | 0.0 | 0.021 | 0.004 | 0.003 |
| bVI | 0.333 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.167 |
| VI | 0.009 | 0.0 | 0.879 | 0.0 | 0.021 | 0.059 | 0.0 | 0.026 | 0.0 | 0.0 | 0.0 | 0.006 |
| bVII | 0.208 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.542 | 0.0 | 0.25 | 0.0 | 0.0 |
| VII | 0.222 | 0.222 | 0.222 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster14\_5

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.007 | 0.003 | 0.0 | 0.0 | 0.031 | 0.0 | 0.943 | 0.01 | 0.005 | 0.0 | 0.0 |
| bII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.25 | 0.0 | 0.0 | 0.0 | 0.103 | 0.288 | 0.0 | 0.167 | 0.038 | 0.115 | 0.038 | 0.0 |
| bIII | 0.0 | 0.0 | 0.25 | 0.0 | 0.0 | 0.417 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.08 | 0.0 | 0.213 | 0.0 | 0.0 | 0.2 | 0.0 | 0.407 | 0.0 | 0.1 | 0.0 | 0.0 |
| IV | 0.229 | 0.0 | 0.004 | 0.078 | 0.032 | 0.0 | 0.0 | 0.553 | 0.0 | 0.104 | 0.0 | 0.0 |
| bV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| V | 0.547 | 0.0 | 0.08 | 0.009 | 0.032 | 0.182 | 0.0 | 0.0 | 0.002 | 0.139 | 0.007 | 0.0 |
| bVI | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.667 | 0.0 | 0.333 | 0.0 | 0.0 |
| VI | 0.158 | 0.0 | 0.097 | 0.0 | 0.0 | 0.439 | 0.0 | 0.25 | 0.0 | 0.0 | 0.056 | 0.0 |
| bVII | 0.542 | 0.0 | 0.0 | 0.25 | 0.0 | 0.083 | 0.0 | 0.0 | 0.0 | 0.125 | 0.0 | 0.0 |
| VII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

cluster14\_6

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.48 | 0.0 | 0.016 | 0.24 | 0.0 | 0.109 | 0.012 | 0.09 | 0.04 | 0.012 |
| bII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| II | 0.843 | 0.0 | 0.0 | 0.0 | 0.042 | 0.047 | 0.0 | 0.036 | 0.0 | 0.028 | 0.003 | 0.0 |
| bIII | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 |
| III | 0.0 | 0.0 | 0.607 | 0.071 | 0.0 | 0.144 | 0.0 | 0.0 | 0.0 | 0.177 | 0.0 | 0.0 |
| IV | 0.298 | 0.0 | 0.134 | 0.0 | 0.196 | 0.0 | 0.0 | 0.245 | 0.0 | 0.075 | 0.052 | 0.0 |
| bV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| V | 0.629 | 0.0 | 0.076 | 0.0 | 0.008 | 0.161 | 0.0 | 0.0 | 0.01 | 0.049 | 0.067 | 0.0 |
| bVI | 0.3 | 0.0 | 0.0 | 0.1 | 0.0 | 0.133 | 0.0 | 0.267 | 0.0 | 0.0 | 0.2 | 0.0 |
| VI | 0.0 | 0.0 | 0.396 | 0.0 | 0.048 | 0.182 | 0.0 | 0.207 | 0.072 | 0.0 | 0.096 | 0.0 |
| bVII | 0.343 | 0.0 | 0.0 | 0.0 | 0.0 | 0.167 | 0.0 | 0.19 | 0.2 | 0.1 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 |

cluster14\_7

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.048 | 0.038 | 0.051 | 0.136 | 0.0 | 0.197 | 0.027 | 0.029 | 0.475 | 0.0 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.156 | 0.0 | 0.0 | 0.0 | 0.125 | 0.234 | 0.0 | 0.38 | 0.0 | 0.062 | 0.042 | 0.0 |
| bIII | 0.179 | 0.0 | 0.214 | 0.0 | 0.0 | 0.393 | 0.0 | 0.071 | 0.0 | 0.0 | 0.0 | 0.143 |
| III | 0.028 | 0.0 | 0.367 | 0.111 | 0.0 | 0.152 | 0.0 | 0.083 | 0.0 | 0.232 | 0.028 | 0.0 |
| IV | 0.733 | 0.0 | 0.014 | 0.021 | 0.037 | 0.0 | 0.0 | 0.107 | 0.012 | 0.036 | 0.039 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.338 | 0.01 | 0.045 | 0.0 | 0.114 | 0.179 | 0.038 | 0.0 | 0.0 | 0.06 | 0.216 | 0.0 |
| bVI | 0.2 | 0.0 | 0.0 | 0.2 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.1 | 0.0 | 0.0 |
| VI | 0.268 | 0.0 | 0.135 | 0.0 | 0.042 | 0.231 | 0.0 | 0.197 | 0.0 | 0.0 | 0.127 | 0.0 |
| bVII | 0.072 | 0.0 | 0.0 | 0.0 | 0.0 | 0.92 | 0.0 | 0.009 | 0.0 | 0.0 | 0.0 | 0.0 |
| VII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster14\_8

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.096 | 0.004 | 0.128 | 0.352 | 0.0 | 0.23 | 0.004 | 0.153 | 0.025 | 0.006 |
| bII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.335 | 0.0 | 0.0 | 0.018 | 0.211 | 0.325 | 0.0 | 0.058 | 0.0 | 0.037 | 0.018 | 0.0 |
| bIII | 0.0 | 0.0 | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.167 | 0.0 |
| III | 0.016 | 0.0 | 0.031 | 0.0 | 0.0 | 0.935 | 0.0 | 0.0 | 0.0 | 0.018 | 0.0 | 0.0 |
| IV | 0.524 | 0.0 | 0.066 | 0.015 | 0.026 | 0.0 | 0.024 | 0.239 | 0.039 | 0.057 | 0.01 | 0.0 |
| bV | 0.667 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.461 | 0.0 | 0.046 | 0.0 | 0.078 | 0.23 | 0.0 | 0.0 | 0.032 | 0.153 | 0.0 | 0.0 |
| bVI | 0.2 | 0.0 | 0.0 | 0.2 | 0.0 | 0.2 | 0.0 | 0.2 | 0.0 | 0.2 | 0.0 | 0.0 |
| VI | 0.174 | 0.045 | 0.0 | 0.0 | 0.448 | 0.191 | 0.0 | 0.142 | 0.0 | 0.0 | 0.0 | 0.0 |
| bVII | 0.333 | 0.0 | 0.2 | 0.0 | 0.0 | 0.167 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster14\_9

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.006 | 0.011 | 0.025 | 0.472 | 0.0 | 0.412 | 0.013 | 0.029 | 0.032 | 0.0 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.667 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 |
| II | 0.265 | 0.0 | 0.0 | 0.0 | 0.061 | 0.379 | 0.0 | 0.182 | 0.0 | 0.114 | 0.0 | 0.0 |
| bIII | 0.611 | 0.0 | 0.0 | 0.0 | 0.0 | 0.389 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.35 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.217 | 0.0 | 0.133 | 0.0 | 0.0 |
| IV | 0.811 | 0.0 | 0.015 | 0.004 | 0.014 | 0.0 | 0.007 | 0.104 | 0.012 | 0.014 | 0.02 | 0.0 |
| bV | 0.667 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.091 | 0.0 | 0.007 | 0.0 | 0.002 | 0.848 | 0.004 | 0.0 | 0.0 | 0.026 | 0.022 | 0.0 |
| bVI | 0.188 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 | 0.25 | 0.0 | 0.0 | 0.188 | 0.0 | 0.0 |
| VI | 0.166 | 0.0 | 0.196 | 0.0 | 0.088 | 0.192 | 0.0 | 0.211 | 0.059 | 0.0 | 0.088 | 0.0 |
| bVII | 0.483 | 0.0 | 0.045 | 0.0 | 0.0 | 0.294 | 0.0 | 0.146 | 0.03 | 0.0 | 0.0 | 0.0 |
| VII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

cluster15\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.007 | 0.015 | 0.069 | 0.014 | 0.695 | 0.0 | 0.034 | 0.054 | 0.035 | 0.071 | 0.005 |
| bII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 |
| II | 0.306 | 0.163 | 0.0 | 0.0 | 0.0 | 0.02 | 0.0 | 0.092 | 0.0 | 0.418 | 0.0 | 0.0 |
| bIII | 0.25 | 0.167 | 0.083 | 0.0 | 0.0 | 0.021 | 0.0 | 0.021 | 0.375 | 0.0 | 0.083 | 0.0 |
| III | 0.0 | 0.0 | 0.05 | 0.2 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.45 | 0.0 | 0.0 |
| IV | 0.93 | 0.0 | 0.0 | 0.006 | 0.0 | 0.0 | 0.007 | 0.005 | 0.002 | 0.025 | 0.023 | 0.0 |
| bV | 0.2 | 0.0 | 0.2 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 |
| V | 0.143 | 0.0 | 0.143 | 0.0 | 0.071 | 0.0 | 0.179 | 0.0 | 0.157 | 0.307 | 0.0 | 0.0 |
| bVI | 0.394 | 0.0 | 0.0 | 0.136 | 0.045 | 0.136 | 0.015 | 0.03 | 0.0 | 0.0 | 0.242 | 0.0 |
| VI | 0.321 | 0.0 | 0.257 | 0.0 | 0.133 | 0.158 | 0.033 | 0.0 | 0.0 | 0.0 | 0.065 | 0.033 |
| bVII | 0.412 | 0.0 | 0.0 | 0.192 | 0.0 | 0.24 | 0.0 | 0.0 | 0.038 | 0.041 | 0.0 | 0.077 |
| VII | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.25 | 0.25 | 0.0 |

cluster15\_10

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.006 | 0.022 | 0.072 | 0.0 | 0.102 | 0.0 | 0.083 | 0.284 | 0.015 | 0.416 | 0.0 |
| bII | 0.435 | 0.0 | 0.0 | 0.13 | 0.13 | 0.174 | 0.0 | 0.13 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.067 | 0.167 | 0.0 | 0.1 | 0.0 | 0.167 | 0.0 | 0.0 | 0.167 | 0.167 | 0.167 | 0.0 |
| bIII | 0.072 | 0.036 | 0.083 | 0.0 | 0.0 | 0.049 | 0.0 | 0.048 | 0.137 | 0.0 | 0.575 | 0.0 |
| III | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.25 |
| IV | 0.181 | 0.02 | 0.022 | 0.063 | 0.0 | 0.0 | 0.0 | 0.192 | 0.182 | 0.0 | 0.341 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.25 | 0.0 | 0.25 | 0.0 |
| V | 0.484 | 0.0 | 0.0 | 0.0 | 0.0 | 0.156 | 0.0 | 0.0 | 0.231 | 0.037 | 0.093 | 0.0 |
| bVI | 0.095 | 0.0 | 0.0 | 0.065 | 0.0 | 0.03 | 0.027 | 0.133 | 0.0 | 0.006 | 0.643 | 0.0 |
| VI | 0.214 | 0.0 | 0.114 | 0.0 | 0.143 | 0.143 | 0.0 | 0.314 | 0.071 | 0.0 | 0.0 | 0.0 |
| bVII | 0.771 | 0.006 | 0.0 | 0.062 | 0.0 | 0.06 | 0.0 | 0.015 | 0.085 | 0.001 | 0.0 | 0.0 |
| VII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

cluster15\_11

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.03 | 0.031 | 0.0 | 0.71 | 0.0 | 0.091 | 0.074 | 0.007 | 0.048 | 0.007 |
| bII | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.25 | 0.125 | 0.0 | 0.125 | 0.125 | 0.0 | 0.062 | 0.0 | 0.0 | 0.187 | 0.125 | 0.0 |
| bIII | 0.299 | 0.091 | 0.011 | 0.0 | 0.0 | 0.068 | 0.0 | 0.167 | 0.22 | 0.023 | 0.121 | 0.0 |
| III | 0.25 | 0.033 | 0.0 | 0.0 | 0.0 | 0.167 | 0.0 | 0.0 | 0.0 | 0.55 | 0.0 | 0.0 |
| IV | 0.126 | 0.0 | 0.004 | 0.026 | 0.0 | 0.0 | 0.0 | 0.738 | 0.036 | 0.007 | 0.063 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 |
| V | 0.825 | 0.003 | 0.001 | 0.006 | 0.002 | 0.098 | 0.0 | 0.0 | 0.033 | 0.015 | 0.018 | 0.0 |
| bVI | 0.18 | 0.0 | 0.013 | 0.0 | 0.0 | 0.14 | 0.0 | 0.351 | 0.0 | 0.053 | 0.263 | 0.0 |
| VI | 0.136 | 0.0 | 0.013 | 0.026 | 0.179 | 0.082 | 0.0 | 0.382 | 0.091 | 0.0 | 0.091 | 0.0 |
| bVII | 0.278 | 0.0 | 0.053 | 0.139 | 0.0 | 0.16 | 0.0 | 0.274 | 0.096 | 0.0 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.125 | 0.875 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster15\_12

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.007 | 0.11 | 0.04 | 0.094 | 0.404 | 0.02 | 0.125 | 0.003 | 0.111 | 0.04 | 0.048 |
| bII | 0.25 | 0.0 | 0.5 | 0.125 | 0.0 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.124 | 0.021 | 0.0 | 0.0 | 0.101 | 0.026 | 0.0 | 0.677 | 0.014 | 0.024 | 0.006 | 0.007 |
| bIII | 0.0 | 0.0 | 0.25 | 0.0 | 0.062 | 0.062 | 0.0 | 0.25 | 0.375 | 0.0 | 0.0 | 0.0 |
| III | 0.011 | 0.0 | 0.044 | 0.013 | 0.0 | 0.054 | 0.0 | 0.01 | 0.0 | 0.868 | 0.0 | 0.0 |
| IV | 0.413 | 0.0 | 0.088 | 0.008 | 0.144 | 0.0 | 0.004 | 0.26 | 0.006 | 0.0 | 0.063 | 0.013 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.4 |
| V | 0.67 | 0.0 | 0.028 | 0.005 | 0.134 | 0.053 | 0.0 | 0.0 | 0.009 | 0.092 | 0.009 | 0.0 |
| bVI | 0.417 | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.083 |
| VI | 0.107 | 0.0 | 0.533 | 0.0 | 0.056 | 0.158 | 0.0 | 0.133 | 0.0 | 0.0 | 0.0 | 0.013 |
| bVII | 0.033 | 0.0 | 0.222 | 0.0 | 0.222 | 0.122 | 0.0 | 0.167 | 0.0 | 0.167 | 0.0 | 0.067 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.965 | 0.035 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster15\_13

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.009 | 0.089 | 0.021 | 0.045 | 0.215 | 0.015 | 0.1 | 0.0 | 0.459 | 0.046 | 0.0 |
| bII | 0.5 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.125 |
| II | 0.027 | 0.019 | 0.0 | 0.0 | 0.005 | 0.05 | 0.0 | 0.812 | 0.0 | 0.028 | 0.06 | 0.0 |
| bIII | 0.125 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.187 | 0.187 | 0.0 | 0.0 | 0.0 |
| III | 0.0 | 0.111 | 0.167 | 0.111 | 0.0 | 0.352 | 0.0 | 0.093 | 0.0 | 0.111 | 0.056 | 0.0 |
| IV | 0.522 | 0.0 | 0.071 | 0.0 | 0.045 | 0.0 | 0.015 | 0.216 | 0.0 | 0.118 | 0.013 | 0.0 |
| bV | 0.2 | 0.0 | 0.2 | 0.0 | 0.0 | 0.2 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.786 | 0.0 | 0.043 | 0.004 | 0.004 | 0.131 | 0.007 | 0.0 | 0.0 | 0.018 | 0.004 | 0.004 |
| bVI | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| VI | 0.009 | 0.0 | 0.883 | 0.0 | 0.023 | 0.064 | 0.0 | 0.014 | 0.0 | 0.0 | 0.0 | 0.007 |
| bVII | 0.238 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.476 | 0.0 | 0.286 | 0.0 | 0.0 |
| VII | 0.333 | 0.333 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster15\_14

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.285 | 0.005 | 0.134 | 0.246 | 0.0 | 0.212 | 0.0 | 0.078 | 0.041 | 0.0 |
| bII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.05 | 0.0 | 0.0 | 0.0 | 0.01 | 0.853 | 0.0 | 0.08 | 0.0 | 0.007 | 0.0 | 0.0 |
| bIII | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 |
| III | 0.036 | 0.0 | 0.28 | 0.071 | 0.0 | 0.392 | 0.0 | 0.143 | 0.0 | 0.079 | 0.0 | 0.0 |
| IV | 0.358 | 0.0 | 0.075 | 0.013 | 0.04 | 0.0 | 0.0 | 0.477 | 0.0 | 0.012 | 0.025 | 0.0 |
| bV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| V | 0.552 | 0.0 | 0.073 | 0.004 | 0.011 | 0.218 | 0.0 | 0.0 | 0.0 | 0.142 | 0.0 | 0.0 |
| bVI | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| VI | 0.093 | 0.056 | 0.241 | 0.0 | 0.133 | 0.324 | 0.0 | 0.154 | 0.0 | 0.0 | 0.0 | 0.0 |
| bVII | 0.267 | 0.0 | 0.0 | 0.067 | 0.0 | 0.333 | 0.0 | 0.133 | 0.1 | 0.1 | 0.0 | 0.0 |
| VII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster15\_15

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.005 | 0.019 | 0.489 | 0.0 | 0.26 | 0.0 | 0.106 | 0.084 | 0.0 | 0.036 | 0.0 |
| bII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.25 | 0.0 | 0.0 | 0.0 |
| II | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.167 | 0.0 | 0.0 | 0.0 | 0.0 |
| bIII | 0.009 | 0.0 | 0.0 | 0.0 | 0.0 | 0.97 | 0.0 | 0.0 | 0.007 | 0.0 | 0.014 | 0.0 |
| III | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| IV | 0.61 | 0.0 | 0.031 | 0.082 | 0.0 | 0.0 | 0.019 | 0.117 | 0.088 | 0.0 | 0.055 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.695 | 0.0 | 0.0 | 0.067 | 0.0 | 0.114 | 0.014 | 0.0 | 0.083 | 0.0 | 0.028 | 0.0 |
| bVI | 0.091 | 0.091 | 0.0 | 0.152 | 0.0 | 0.106 | 0.0 | 0.106 | 0.0 | 0.091 | 0.318 | 0.045 |
| VI | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| bVII | 0.531 | 0.0 | 0.0 | 0.0 | 0.0 | 0.375 | 0.0 | 0.063 | 0.031 | 0.0 | 0.0 | 0.0 |
| VII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster15\_2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.006 | 0.002 | 0.025 | 0.486 | 0.0 | 0.401 | 0.013 | 0.034 | 0.03 | 0.003 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.667 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 |
| II | 0.25 | 0.0 | 0.0 | 0.0 | 0.244 | 0.308 | 0.0 | 0.141 | 0.0 | 0.058 | 0.0 | 0.0 |
| bIII | 0.917 | 0.0 | 0.0 | 0.0 | 0.0 | 0.083 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.154 | 0.0 | 0.205 | 0.0 | 0.0 | 0.442 | 0.0 | 0.077 | 0.0 | 0.122 | 0.0 | 0.0 |
| IV | 0.803 | 0.0 | 0.021 | 0.001 | 0.016 | 0.0 | 0.007 | 0.103 | 0.012 | 0.024 | 0.014 | 0.0 |
| bV | 0.667 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.084 | 0.0 | 0.014 | 0.0 | 0.009 | 0.839 | 0.004 | 0.0 | 0.0 | 0.029 | 0.022 | 0.0 |
| bVI | 0.188 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 | 0.25 | 0.0 | 0.0 | 0.188 | 0.0 | 0.0 |
| VI | 0.166 | 0.0 | 0.123 | 0.0 | 0.176 | 0.182 | 0.0 | 0.248 | 0.053 | 0.0 | 0.053 | 0.0 |
| bVII | 0.591 | 0.0 | 0.056 | 0.0 | 0.0 | 0.175 | 0.0 | 0.179 | 0.0 | 0.0 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster15\_3

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.002 | 0.018 | 0.011 | 0.013 | 0.521 | 0.0 | 0.38 | 0.011 | 0.027 | 0.014 | 0.004 |
| bII | 0.5 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.435 | 0.056 | 0.0 | 0.074 | 0.0 | 0.0 | 0.028 | 0.204 | 0.111 | 0.0 | 0.093 | 0.0 |
| bIII | 0.25 | 0.0 | 0.083 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.333 | 0.0 |
| III | 0.083 | 0.0 | 0.0 | 0.167 | 0.0 | 0.333 | 0.0 | 0.083 | 0.0 | 0.333 | 0.0 | 0.0 |
| IV | 0.902 | 0.0 | 0.005 | 0.014 | 0.0 | 0.0 | 0.003 | 0.056 | 0.007 | 0.005 | 0.009 | 0.0 |
| bV | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.917 | 0.0 | 0.014 | 0.0 | 0.004 | 0.035 | 0.0 | 0.0 | 0.013 | 0.011 | 0.003 | 0.004 |
| bVI | 0.125 | 0.0 | 0.0 | 0.0 | 0.0 | 0.125 | 0.0 | 0.5 | 0.0 | 0.0 | 0.25 | 0.0 |
| VI | 0.4 | 0.0 | 0.122 | 0.0 | 0.067 | 0.111 | 0.0 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 |
| bVII | 0.381 | 0.0 | 0.0 | 0.0 | 0.0 | 0.095 | 0.0 | 0.333 | 0.063 | 0.127 | 0.0 | 0.0 |
| VII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster15\_4

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.011 | 0.469 | 0.0 | 0.045 | 0.221 | 0.0 | 0.1 | 0.011 | 0.096 | 0.036 | 0.011 |
| bII | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.82 | 0.003 | 0.0 | 0.01 | 0.058 | 0.02 | 0.0 | 0.046 | 0.0 | 0.039 | 0.003 | 0.0 |
| bIII | 0.0 | 0.0 | 0.2 | 0.0 | 0.4 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.2 | 0.0 |
| III | 0.0 | 0.022 | 0.38 | 0.043 | 0.0 | 0.323 | 0.0 | 0.0 | 0.0 | 0.217 | 0.0 | 0.014 |
| IV | 0.339 | 0.0 | 0.166 | 0.0 | 0.209 | 0.0 | 0.039 | 0.135 | 0.007 | 0.059 | 0.046 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.524 | 0.0 | 0.108 | 0.0 | 0.059 | 0.14 | 0.0 | 0.0 | 0.042 | 0.07 | 0.058 | 0.0 |
| bVI | 0.25 | 0.0 | 0.0 | 0.083 | 0.0 | 0.111 | 0.0 | 0.222 | 0.0 | 0.167 | 0.167 | 0.0 |
| VI | 0.077 | 0.0 | 0.345 | 0.0 | 0.142 | 0.134 | 0.0 | 0.196 | 0.019 | 0.0 | 0.077 | 0.01 |
| bVII | 0.343 | 0.0 | 0.0 | 0.0 | 0.0 | 0.167 | 0.0 | 0.19 | 0.2 | 0.1 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 |

cluster15\_5

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.007 | 0.0 | 0.0 | 0.004 | 0.048 | 0.0 | 0.917 | 0.01 | 0.015 | 0.0 | 0.0 |
| bII | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.325 | 0.0 | 0.0 | 0.0 | 0.133 | 0.075 | 0.0 | 0.217 | 0.05 | 0.15 | 0.05 | 0.0 |
| bIII | 0.0 | 0.0 | 0.25 | 0.0 | 0.0 | 0.417 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.04 | 0.0 | 0.107 | 0.0 | 0.0 | 0.5 | 0.0 | 0.303 | 0.0 | 0.05 | 0.0 | 0.0 |
| IV | 0.243 | 0.0 | 0.004 | 0.072 | 0.044 | 0.0 | 0.0 | 0.498 | 0.036 | 0.102 | 0.0 | 0.0 |
| bV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| V | 0.6 | 0.0 | 0.05 | 0.009 | 0.054 | 0.168 | 0.0 | 0.0 | 0.0 | 0.113 | 0.007 | 0.0 |
| bVI | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.667 | 0.0 | 0.0 | 0.0 | 0.0 |
| VI | 0.168 | 0.0 | 0.103 | 0.0 | 0.059 | 0.406 | 0.0 | 0.206 | 0.0 | 0.0 | 0.059 | 0.0 |
| bVII | 0.542 | 0.0 | 0.0 | 0.25 | 0.0 | 0.083 | 0.0 | 0.0 | 0.0 | 0.125 | 0.0 | 0.0 |
| VII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

cluster15\_6

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.038 | 0.004 | 0.037 | 0.191 | 0.0 | 0.108 | 0.009 | 0.601 | 0.013 | 0.0 |
| bII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| II | 0.329 | 0.0 | 0.0 | 0.0 | 0.078 | 0.0 | 0.0 | 0.348 | 0.0 | 0.042 | 0.172 | 0.031 |
| bIII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.167 | 0.0 | 0.0 | 0.333 | 0.0 |
| III | 0.025 | 0.0 | 0.083 | 0.0 | 0.0 | 0.462 | 0.0 | 0.05 | 0.0 | 0.37 | 0.01 | 0.0 |
| IV | 0.169 | 0.0 | 0.032 | 0.002 | 0.023 | 0.0 | 0.008 | 0.695 | 0.02 | 0.023 | 0.029 | 0.0 |
| bV | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.784 | 0.0 | 0.035 | 0.0 | 0.038 | 0.07 | 0.0 | 0.0 | 0.002 | 0.065 | 0.007 | 0.0 |
| bVI | 0.25 | 0.0 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.344 | 0.0 | 0.125 | 0.031 | 0.0 |
| VI | 0.124 | 0.0 | 0.022 | 0.0 | 0.033 | 0.792 | 0.0 | 0.02 | 0.009 | 0.0 | 0.0 | 0.0 |
| bVII | 0.626 | 0.0 | 0.0 | 0.0 | 0.0 | 0.148 | 0.0 | 0.093 | 0.011 | 0.111 | 0.0 | 0.011 |
| VII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster15\_7

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.044 | 0.007 | 0.042 | 0.269 | 0.008 | 0.196 | 0.021 | 0.047 | 0.363 | 0.003 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| II | 0.176 | 0.0 | 0.0 | 0.0 | 0.118 | 0.103 | 0.0 | 0.446 | 0.0 | 0.118 | 0.039 | 0.0 |
| bIII | 0.321 | 0.0 | 0.071 | 0.0 | 0.0 | 0.107 | 0.0 | 0.071 | 0.214 | 0.0 | 0.071 | 0.143 |
| III | 0.104 | 0.0 | 0.275 | 0.0 | 0.0 | 0.155 | 0.083 | 0.134 | 0.0 | 0.227 | 0.021 | 0.0 |
| IV | 0.724 | 0.0 | 0.01 | 0.025 | 0.054 | 0.0 | 0.0 | 0.081 | 0.014 | 0.037 | 0.055 | 0.0 |
| bV | 0.0 | 0.125 | 0.0 | 0.063 | 0.0 | 0.5 | 0.0 | 0.0 | 0.188 | 0.0 | 0.0 | 0.125 |
| V | 0.384 | 0.008 | 0.043 | 0.006 | 0.099 | 0.204 | 0.033 | 0.0 | 0.0 | 0.052 | 0.171 | 0.0 |
| bVI | 0.456 | 0.094 | 0.0 | 0.175 | 0.0 | 0.062 | 0.0 | 0.15 | 0.0 | 0.062 | 0.0 | 0.0 |
| VI | 0.213 | 0.0 | 0.108 | 0.0 | 0.125 | 0.252 | 0.0 | 0.157 | 0.0 | 0.0 | 0.144 | 0.0 |
| bVII | 0.038 | 0.0 | 0.0 | 0.0 | 0.0 | 0.947 | 0.0 | 0.007 | 0.007 | 0.0 | 0.0 | 0.0 |
| VII | 0.5 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster15\_8

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.05 | 0.0 | 0.17 | 0.07 | 0.178 | 0.0 | 0.016 | 0.207 | 0.035 | 0.238 | 0.035 |
| bII | 0.222 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.111 | 0.333 | 0.222 | 0.0 | 0.111 | 0.0 |
| II | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.167 | 0.0 | 0.167 | 0.0 | 0.333 | 0.0 | 0.0 |
| bIII | 0.534 | 0.074 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.028 | 0.101 | 0.074 | 0.189 | 0.0 |
| III | 0.414 | 0.0 | 0.0 | 0.0 | 0.0 | 0.086 | 0.0 | 0.3 | 0.0 | 0.171 | 0.0 | 0.029 |
| IV | 0.114 | 0.0 | 0.136 | 0.409 | 0.045 | 0.0 | 0.0 | 0.03 | 0.038 | 0.0 | 0.227 | 0.0 |
| bV | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.417 | 0.0 | 0.0 | 0.25 |
| V | 0.613 | 0.0 | 0.0 | 0.017 | 0.07 | 0.122 | 0.0 | 0.0 | 0.078 | 0.081 | 0.017 | 0.0 |
| bVI | 0.431 | 0.036 | 0.0 | 0.025 | 0.0 | 0.095 | 0.048 | 0.324 | 0.0 | 0.0 | 0.042 | 0.0 |
| VI | 0.344 | 0.0 | 0.143 | 0.0 | 0.286 | 0.0 | 0.0 | 0.013 | 0.0 | 0.0 | 0.071 | 0.143 |
| bVII | 0.054 | 0.0 | 0.0 | 0.194 | 0.0 | 0.039 | 0.0 | 0.222 | 0.465 | 0.026 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.222 | 0.0 | 0.5 | 0.0 | 0.0 | 0.278 | 0.0 | 0.0 |

cluster15\_9

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.234 | 0.008 | 0.019 | 0.357 | 0.0 | 0.271 | 0.005 | 0.061 | 0.037 | 0.008 |
| bII | 0.667 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.01 | 0.0 | 0.0 | 0.0 | 0.007 | 0.006 | 0.0 | 0.965 | 0.0 | 0.002 | 0.005 | 0.004 |
| bIII | 0.062 | 0.125 | 0.312 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 | 0.0 | 0.0 | 0.125 | 0.0 |
| III | 0.083 | 0.0 | 0.283 | 0.067 | 0.0 | 0.433 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.033 |
| IV | 0.336 | 0.0 | 0.222 | 0.027 | 0.061 | 0.0 | 0.014 | 0.292 | 0.0 | 0.022 | 0.027 | 0.0 |
| bV | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.701 | 0.002 | 0.111 | 0.0 | 0.002 | 0.113 | 0.0 | 0.0 | 0.026 | 0.042 | 0.0 | 0.003 |
| bVI | 0.143 | 0.0 | 0.0 | 0.071 | 0.0 | 0.214 | 0.0 | 0.286 | 0.0 | 0.143 | 0.143 | 0.0 |
| VI | 0.358 | 0.059 | 0.079 | 0.0 | 0.178 | 0.088 | 0.0 | 0.237 | 0.0 | 0.0 | 0.0 | 0.0 |
| bVII | 0.485 | 0.0 | 0.0 | 0.045 | 0.0 | 0.127 | 0.0 | 0.064 | 0.188 | 0.091 | 0.0 | 0.0 |
| VII | 0.333 | 0.0 | 0.0 | 0.0 | 0.667 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster1\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.005 | 0.089 | 0.044 | 0.031 | 0.347 | 0.002 | 0.227 | 0.049 | 0.107 | 0.092 | 0.007 |
| bII | 0.441 | 0.0 | 0.159 | 0.043 | 0.058 | 0.038 | 0.066 | 0.087 | 0.055 | 0.0 | 0.038 | 0.014 |
| II | 0.228 | 0.02 | 0.0 | 0.009 | 0.056 | 0.125 | 0.002 | 0.465 | 0.01 | 0.05 | 0.031 | 0.003 |
| bIII | 0.162 | 0.043 | 0.114 | 0.0 | 0.019 | 0.255 | 0.0 | 0.092 | 0.131 | 0.009 | 0.167 | 0.007 |
| III | 0.06 | 0.012 | 0.162 | 0.036 | 0.0 | 0.279 | 0.006 | 0.084 | 0.0 | 0.346 | 0.005 | 0.008 |
| IV | 0.504 | 0.001 | 0.052 | 0.027 | 0.039 | 0.0 | 0.007 | 0.268 | 0.024 | 0.026 | 0.05 | 0.001 |
| bV | 0.216 | 0.059 | 0.054 | 0.007 | 0.027 | 0.216 | 0.0 | 0.23 | 0.056 | 0.0 | 0.041 | 0.095 |
| V | 0.618 | 0.001 | 0.04 | 0.005 | 0.03 | 0.196 | 0.005 | 0.0 | 0.028 | 0.053 | 0.024 | 0.001 |
| bVI | 0.213 | 0.022 | 0.002 | 0.093 | 0.003 | 0.096 | 0.02 | 0.214 | 0.0 | 0.045 | 0.286 | 0.006 |
| VI | 0.153 | 0.007 | 0.273 | 0.001 | 0.094 | 0.286 | 0.001 | 0.132 | 0.017 | 0.0 | 0.028 | 0.008 |
| bVII | 0.399 | 0.001 | 0.013 | 0.057 | 0.006 | 0.289 | 0.0 | 0.103 | 0.084 | 0.041 | 0.0 | 0.007 |
| VII | 0.209 | 0.03 | 0.045 | 0.03 | 0.414 | 0.092 | 0.045 | 0.03 | 0.0 | 0.046 | 0.06 | 0.0 |

cluster2\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.003 | 0.099 | 0.031 | 0.03 | 0.343 | 0.004 | 0.247 | 0.03 | 0.158 | 0.047 | 0.008 |
| bII | 0.538 | 0.0 | 0.214 | 0.024 | 0.0 | 0.048 | 0.033 | 0.119 | 0.024 | 0.0 | 0.0 | 0.0 |
| II | 0.155 | 0.018 | 0.0 | 0.008 | 0.037 | 0.086 | 0.002 | 0.611 | 0.014 | 0.028 | 0.037 | 0.004 |
| bIII | 0.112 | 0.044 | 0.142 | 0.0 | 0.007 | 0.262 | 0.0 | 0.143 | 0.126 | 0.004 | 0.16 | 0.0 |
| III | 0.039 | 0.011 | 0.127 | 0.04 | 0.0 | 0.292 | 0.009 | 0.061 | 0.0 | 0.408 | 0.006 | 0.007 |
| IV | 0.377 | 0.002 | 0.064 | 0.024 | 0.042 | 0.0 | 0.007 | 0.398 | 0.021 | 0.021 | 0.044 | 0.001 |
| bV | 0.238 | 0.0 | 0.048 | 0.0 | 0.048 | 0.238 | 0.0 | 0.262 | 0.024 | 0.0 | 0.0 | 0.143 |
| V | 0.816 | 0.001 | 0.036 | 0.002 | 0.015 | 0.072 | 0.001 | 0.0 | 0.012 | 0.036 | 0.008 | 0.001 |
| bVI | 0.207 | 0.027 | 0.003 | 0.086 | 0.0 | 0.133 | 0.001 | 0.298 | 0.0 | 0.041 | 0.191 | 0.011 |
| VI | 0.146 | 0.01 | 0.282 | 0.001 | 0.075 | 0.328 | 0.0 | 0.107 | 0.017 | 0.0 | 0.023 | 0.01 |
| bVII | 0.339 | 0.002 | 0.013 | 0.047 | 0.013 | 0.221 | 0.0 | 0.186 | 0.096 | 0.077 | 0.0 | 0.005 |
| VII | 0.233 | 0.0 | 0.07 | 0.0 | 0.521 | 0.081 | 0.023 | 0.047 | 0.0 | 0.026 | 0.0 | 0.0 |

cluster2\_2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.008 | 0.075 | 0.061 | 0.032 | 0.352 | 0.0 | 0.2 | 0.075 | 0.04 | 0.151 | 0.005 |
| bII | 0.293 | 0.0 | 0.073 | 0.073 | 0.146 | 0.024 | 0.117 | 0.037 | 0.102 | 0.0 | 0.098 | 0.037 |
| II | 0.39 | 0.024 | 0.0 | 0.011 | 0.097 | 0.211 | 0.003 | 0.144 | 0.0 | 0.1 | 0.017 | 0.003 |
| bIII | 0.214 | 0.041 | 0.086 | 0.0 | 0.03 | 0.248 | 0.0 | 0.039 | 0.136 | 0.015 | 0.175 | 0.015 |
| III | 0.096 | 0.015 | 0.221 | 0.03 | 0.0 | 0.259 | 0.0 | 0.123 | 0.0 | 0.242 | 0.004 | 0.01 |
| IV | 0.673 | 0.0 | 0.037 | 0.032 | 0.035 | 0.0 | 0.008 | 0.095 | 0.029 | 0.032 | 0.058 | 0.001 |
| bV | 0.188 | 0.135 | 0.062 | 0.016 | 0.0 | 0.188 | 0.0 | 0.188 | 0.099 | 0.0 | 0.094 | 0.031 |
| V | 0.167 | 0.001 | 0.048 | 0.01 | 0.062 | 0.48 | 0.014 | 0.0 | 0.064 | 0.09 | 0.061 | 0.001 |
| bVI | 0.219 | 0.017 | 0.0 | 0.099 | 0.007 | 0.059 | 0.039 | 0.131 | 0.0 | 0.048 | 0.38 | 0.0 |
| VI | 0.17 | 0.0 | 0.254 | 0.0 | 0.133 | 0.195 | 0.004 | 0.185 | 0.016 | 0.0 | 0.039 | 0.004 |
| bVII | 0.446 | 0.001 | 0.012 | 0.065 | 0.0 | 0.342 | 0.0 | 0.038 | 0.075 | 0.013 | 0.0 | 0.008 |
| VII | 0.167 | 0.083 | 0.0 | 0.083 | 0.222 | 0.111 | 0.083 | 0.0 | 0.0 | 0.083 | 0.167 | 0.0 |

cluster3\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.007 | 0.191 | 0.02 | 0.052 | 0.315 | 0.009 | 0.185 | 0.003 | 0.161 | 0.045 | 0.013 |
| bII | 0.455 | 0.0 | 0.455 | 0.045 | 0.0 | 0.0 | 0.045 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.055 | 0.006 | 0.0 | 0.003 | 0.027 | 0.044 | 0.0 | 0.836 | 0.0 | 0.01 | 0.017 | 0.003 |
| bIII | 0.104 | 0.042 | 0.208 | 0.0 | 0.104 | 0.167 | 0.0 | 0.219 | 0.115 | 0.0 | 0.042 | 0.0 |
| III | 0.023 | 0.021 | 0.148 | 0.021 | 0.0 | 0.212 | 0.014 | 0.057 | 0.0 | 0.49 | 0.007 | 0.007 |
| IV | 0.397 | 0.0 | 0.147 | 0.015 | 0.077 | 0.0 | 0.02 | 0.278 | 0.004 | 0.025 | 0.035 | 0.003 |
| bV | 0.125 | 0.0 | 0.063 | 0.0 | 0.063 | 0.188 | 0.0 | 0.375 | 0.031 | 0.0 | 0.0 | 0.156 |
| V | 0.676 | 0.001 | 0.091 | 0.002 | 0.042 | 0.1 | 0.002 | 0.0 | 0.014 | 0.061 | 0.011 | 0.002 |
| bVI | 0.311 | 0.067 | 0.0 | 0.167 | 0.0 | 0.1 | 0.0 | 0.133 | 0.0 | 0.133 | 0.067 | 0.022 |
| VI | 0.13 | 0.01 | 0.528 | 0.0 | 0.061 | 0.163 | 0.0 | 0.092 | 0.0 | 0.0 | 0.01 | 0.007 |
| bVII | 0.254 | 0.0 | 0.01 | 0.016 | 0.042 | 0.335 | 0.0 | 0.126 | 0.065 | 0.141 | 0.0 | 0.012 |
| VII | 0.138 | 0.0 | 0.069 | 0.0 | 0.736 | 0.023 | 0.034 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster3\_2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.008 | 0.082 | 0.046 | 0.024 | 0.263 | 0.0 | 0.203 | 0.095 | 0.15 | 0.125 | 0.005 |
| bII | 0.529 | 0.0 | 0.0 | 0.062 | 0.062 | 0.062 | 0.033 | 0.156 | 0.073 | 0.0 | 0.021 | 0.0 |
| II | 0.44 | 0.041 | 0.0 | 0.025 | 0.088 | 0.187 | 0.006 | 0.033 | 0.022 | 0.081 | 0.071 | 0.006 |
| bIII | 0.187 | 0.031 | 0.12 | 0.0 | 0.0 | 0.176 | 0.0 | 0.074 | 0.135 | 0.019 | 0.258 | 0.0 |
| III | 0.083 | 0.011 | 0.181 | 0.047 | 0.0 | 0.303 | 0.0 | 0.081 | 0.0 | 0.275 | 0.003 | 0.016 |
| IV | 0.143 | 0.003 | 0.047 | 0.057 | 0.049 | 0.0 | 0.004 | 0.514 | 0.054 | 0.031 | 0.099 | 0.0 |
| bV | 0.25 | 0.083 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.188 | 0.104 | 0.0 | 0.0 | 0.125 |
| V | 0.719 | 0.001 | 0.019 | 0.009 | 0.024 | 0.111 | 0.001 | 0.0 | 0.044 | 0.043 | 0.03 | 0.0 |
| bVI | 0.193 | 0.016 | 0.003 | 0.078 | 0.0 | 0.087 | 0.008 | 0.248 | 0.0 | 0.024 | 0.343 | 0.0 |
| VI | 0.15 | 0.008 | 0.105 | 0.002 | 0.074 | 0.453 | 0.0 | 0.135 | 0.021 | 0.0 | 0.041 | 0.011 |
| bVII | 0.513 | 0.003 | 0.017 | 0.083 | 0.0 | 0.115 | 0.0 | 0.121 | 0.129 | 0.019 | 0.0 | 0.001 |
| VII | 0.25 | 0.0 | 0.063 | 0.0 | 0.149 | 0.219 | 0.125 | 0.125 | 0.0 | 0.069 | 0.0 | 0.0 |

cluster3\_3

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.002 | 0.033 | 0.056 | 0.025 | 0.455 | 0.0 | 0.277 | 0.03 | 0.03 | 0.085 | 0.006 |
| bII | 0.239 | 0.0 | 0.065 | 0.0 | 0.13 | 0.043 | 0.165 | 0.065 | 0.096 | 0.0 | 0.13 | 0.065 |
| II | 0.395 | 0.029 | 0.0 | 0.0 | 0.088 | 0.264 | 0.004 | 0.075 | 0.018 | 0.117 | 0.009 | 0.0 |
| bIII | 0.157 | 0.061 | 0.056 | 0.0 | 0.0 | 0.418 | 0.0 | 0.05 | 0.133 | 0.0 | 0.103 | 0.022 |
| III | 0.085 | 0.0 | 0.159 | 0.045 | 0.0 | 0.354 | 0.0 | 0.134 | 0.0 | 0.216 | 0.006 | 0.0 |
| IV | 0.844 | 0.0 | 0.009 | 0.01 | 0.013 | 0.0 | 0.004 | 0.068 | 0.01 | 0.022 | 0.02 | 0.0 |
| bV | 0.308 | 0.115 | 0.077 | 0.019 | 0.0 | 0.231 | 0.0 | 0.077 | 0.058 | 0.0 | 0.115 | 0.0 |
| V | 0.449 | 0.001 | 0.023 | 0.002 | 0.026 | 0.38 | 0.013 | 0.0 | 0.02 | 0.057 | 0.028 | 0.001 |
| bVI | 0.224 | 0.019 | 0.0 | 0.1 | 0.013 | 0.115 | 0.056 | 0.168 | 0.0 | 0.058 | 0.235 | 0.013 |
| VI | 0.194 | 0.0 | 0.174 | 0.0 | 0.176 | 0.188 | 0.005 | 0.186 | 0.036 | 0.0 | 0.036 | 0.005 |
| bVII | 0.281 | 0.0 | 0.007 | 0.034 | 0.0 | 0.543 | 0.0 | 0.065 | 0.023 | 0.034 | 0.0 | 0.013 |
| VII | 0.273 | 0.091 | 0.0 | 0.091 | 0.182 | 0.091 | 0.0 | 0.0 | 0.0 | 0.091 | 0.182 | 0.0 |

cluster4\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.019 | 0.128 | 0.079 | 0.03 | 0.141 | 0.0 | 0.093 | 0.183 | 0.057 | 0.27 | 0.0 |
| bII | 0.439 | 0.0 | 0.073 | 0.073 | 0.073 | 0.098 | 0.024 | 0.11 | 0.085 | 0.0 | 0.024 | 0.0 |
| II | 0.485 | 0.063 | 0.0 | 0.039 | 0.109 | 0.082 | 0.0 | 0.046 | 0.045 | 0.097 | 0.033 | 0.0 |
| bIII | 0.186 | 0.015 | 0.094 | 0.0 | 0.02 | 0.163 | 0.0 | 0.054 | 0.134 | 0.025 | 0.31 | 0.0 |
| III | 0.062 | 0.037 | 0.158 | 0.075 | 0.0 | 0.191 | 0.0 | 0.124 | 0.0 | 0.315 | 0.0 | 0.037 |
| IV | 0.155 | 0.008 | 0.105 | 0.13 | 0.096 | 0.0 | 0.02 | 0.14 | 0.093 | 0.048 | 0.203 | 0.0 |
| bV | 0.0 | 0.111 | 0.0 | 0.0 | 0.0 | 0.167 | 0.0 | 0.333 | 0.222 | 0.0 | 0.083 | 0.083 |
| V | 0.379 | 0.0 | 0.046 | 0.023 | 0.092 | 0.169 | 0.0 | 0.0 | 0.15 | 0.059 | 0.083 | 0.0 |
| bVI | 0.162 | 0.023 | 0.0 | 0.087 | 0.0 | 0.062 | 0.027 | 0.173 | 0.0 | 0.004 | 0.462 | 0.0 |
| VI | 0.15 | 0.0 | 0.333 | 0.0 | 0.077 | 0.152 | 0.0 | 0.19 | 0.013 | 0.0 | 0.069 | 0.015 |
| bVII | 0.599 | 0.004 | 0.012 | 0.085 | 0.0 | 0.078 | 0.0 | 0.064 | 0.155 | 0.005 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.167 | 0.0 | 0.167 | 0.0 | 0.333 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 |

cluster4\_2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.002 | 0.035 | 0.05 | 0.023 | 0.459 | 0.001 | 0.289 | 0.023 | 0.032 | 0.079 | 0.007 |
| bII | 0.214 | 0.0 | 0.071 | 0.0 | 0.143 | 0.0 | 0.181 | 0.071 | 0.105 | 0.0 | 0.143 | 0.071 |
| II | 0.387 | 0.031 | 0.0 | 0.013 | 0.093 | 0.256 | 0.005 | 0.07 | 0.019 | 0.111 | 0.016 | 0.0 |
| bIII | 0.16 | 0.053 | 0.066 | 0.0 | 0.0 | 0.433 | 0.0 | 0.033 | 0.132 | 0.0 | 0.097 | 0.026 |
| III | 0.091 | 0.0 | 0.165 | 0.049 | 0.0 | 0.346 | 0.0 | 0.12 | 0.0 | 0.224 | 0.006 | 0.0 |
| IV | 0.861 | 0.0 | 0.009 | 0.01 | 0.009 | 0.0 | 0.004 | 0.063 | 0.005 | 0.023 | 0.017 | 0.0 |
| bV | 0.333 | 0.125 | 0.083 | 0.021 | 0.0 | 0.25 | 0.0 | 0.083 | 0.021 | 0.0 | 0.083 | 0.0 |
| V | 0.443 | 0.001 | 0.018 | 0.002 | 0.027 | 0.389 | 0.014 | 0.0 | 0.017 | 0.059 | 0.029 | 0.001 |
| bVI | 0.249 | 0.024 | 0.0 | 0.11 | 0.016 | 0.129 | 0.038 | 0.178 | 0.0 | 0.073 | 0.167 | 0.016 |
| VI | 0.195 | 0.0 | 0.167 | 0.0 | 0.181 | 0.179 | 0.005 | 0.192 | 0.044 | 0.0 | 0.037 | 0.0 |
| bVII | 0.25 | 0.0 | 0.007 | 0.022 | 0.0 | 0.573 | 0.0 | 0.071 | 0.022 | 0.041 | 0.0 | 0.014 |
| VII | 0.3 | 0.1 | 0.0 | 0.1 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 |

cluster4\_3

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.001 | 0.056 | 0.03 | 0.023 | 0.36 | 0.001 | 0.268 | 0.032 | 0.197 | 0.023 | 0.008 |
| bII | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.05 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.389 | 0.019 | 0.0 | 0.0 | 0.065 | 0.294 | 0.009 | 0.061 | 0.0 | 0.069 | 0.085 | 0.009 |
| bIII | 0.203 | 0.083 | 0.13 | 0.0 | 0.0 | 0.233 | 0.0 | 0.132 | 0.128 | 0.0 | 0.09 | 0.0 |
| III | 0.079 | 0.004 | 0.164 | 0.022 | 0.0 | 0.372 | 0.0 | 0.072 | 0.0 | 0.281 | 0.004 | 0.0 |
| IV | 0.186 | 0.0 | 0.024 | 0.016 | 0.03 | 0.0 | 0.003 | 0.637 | 0.04 | 0.02 | 0.044 | 0.0 |
| bV | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 |
| V | 0.818 | 0.001 | 0.017 | 0.003 | 0.013 | 0.094 | 0.001 | 0.0 | 0.008 | 0.035 | 0.009 | 0.0 |
| bVI | 0.257 | 0.0 | 0.007 | 0.056 | 0.0 | 0.125 | 0.0 | 0.347 | 0.0 | 0.056 | 0.153 | 0.0 |
| VI | 0.151 | 0.011 | 0.038 | 0.003 | 0.07 | 0.568 | 0.0 | 0.104 | 0.017 | 0.0 | 0.025 | 0.011 |
| bVII | 0.329 | 0.0 | 0.026 | 0.093 | 0.0 | 0.232 | 0.0 | 0.226 | 0.054 | 0.038 | 0.0 | 0.003 |
| VII | 0.333 | 0.0 | 0.0 | 0.0 | 0.116 | 0.292 | 0.0 | 0.167 | 0.0 | 0.093 | 0.0 | 0.0 |

cluster4\_4

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.004 | 0.18 | 0.021 | 0.053 | 0.319 | 0.008 | 0.188 | 0.003 | 0.166 | 0.046 | 0.013 |
| bII | 0.5 | 0.0 | 0.4 | 0.05 | 0.0 | 0.0 | 0.05 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.046 | 0.005 | 0.0 | 0.002 | 0.025 | 0.036 | 0.0 | 0.856 | 0.0 | 0.01 | 0.018 | 0.003 |
| bIII | 0.068 | 0.045 | 0.227 | 0.0 | 0.068 | 0.182 | 0.0 | 0.239 | 0.125 | 0.0 | 0.045 | 0.0 |
| III | 0.026 | 0.015 | 0.161 | 0.023 | 0.0 | 0.208 | 0.015 | 0.054 | 0.0 | 0.481 | 0.008 | 0.008 |
| IV | 0.407 | 0.0 | 0.141 | 0.015 | 0.077 | 0.0 | 0.013 | 0.281 | 0.003 | 0.026 | 0.035 | 0.003 |
| bV | 0.143 | 0.0 | 0.071 | 0.0 | 0.071 | 0.143 | 0.0 | 0.357 | 0.036 | 0.0 | 0.0 | 0.179 |
| V | 0.689 | 0.001 | 0.09 | 0.002 | 0.027 | 0.101 | 0.002 | 0.0 | 0.015 | 0.062 | 0.011 | 0.002 |
| bVI | 0.262 | 0.071 | 0.0 | 0.179 | 0.0 | 0.107 | 0.0 | 0.143 | 0.0 | 0.143 | 0.071 | 0.024 |
| VI | 0.128 | 0.01 | 0.529 | 0.0 | 0.06 | 0.163 | 0.0 | 0.091 | 0.0 | 0.0 | 0.01 | 0.008 |
| bVII | 0.262 | 0.0 | 0.011 | 0.016 | 0.043 | 0.313 | 0.0 | 0.13 | 0.067 | 0.145 | 0.0 | 0.013 |
| VII | 0.138 | 0.0 | 0.069 | 0.0 | 0.736 | 0.023 | 0.034 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster5\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.001 | 0.037 | 0.056 | 0.028 | 0.456 | 0.001 | 0.254 | 0.018 | 0.034 | 0.108 | 0.007 |
| bII | 0.2 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.253 | 0.1 | 0.147 | 0.0 | 0.0 | 0.1 |
| II | 0.33 | 0.026 | 0.0 | 0.0 | 0.112 | 0.285 | 0.0 | 0.102 | 0.0 | 0.134 | 0.011 | 0.0 |
| bIII | 0.233 | 0.042 | 0.083 | 0.0 | 0.0 | 0.392 | 0.0 | 0.01 | 0.156 | 0.0 | 0.042 | 0.042 |
| III | 0.121 | 0.0 | 0.221 | 0.0 | 0.0 | 0.29 | 0.0 | 0.155 | 0.0 | 0.205 | 0.007 | 0.0 |
| IV | 0.826 | 0.0 | 0.012 | 0.009 | 0.014 | 0.0 | 0.004 | 0.077 | 0.007 | 0.031 | 0.02 | 0.0 |
| bV | 0.3 | 0.15 | 0.1 | 0.025 | 0.0 | 0.3 | 0.0 | 0.0 | 0.025 | 0.0 | 0.1 | 0.0 |
| V | 0.106 | 0.002 | 0.027 | 0.003 | 0.041 | 0.646 | 0.023 | 0.0 | 0.015 | 0.096 | 0.04 | 0.0 |
| bVI | 0.38 | 0.042 | 0.0 | 0.139 | 0.0 | 0.111 | 0.065 | 0.056 | 0.0 | 0.125 | 0.083 | 0.0 |
| VI | 0.151 | 0.0 | 0.164 | 0.0 | 0.192 | 0.252 | 0.006 | 0.152 | 0.028 | 0.0 | 0.055 | 0.0 |
| bVII | 0.242 | 0.0 | 0.01 | 0.01 | 0.0 | 0.64 | 0.0 | 0.037 | 0.016 | 0.026 | 0.0 | 0.019 |
| VII | 0.143 | 0.143 | 0.0 | 0.143 | 0.286 | 0.143 | 0.0 | 0.0 | 0.0 | 0.0 | 0.143 | 0.0 |

cluster5\_2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.02 | 0.143 | 0.081 | 0.032 | 0.149 | 0.0 | 0.06 | 0.193 | 0.053 | 0.269 | 0.001 |
| bII | 0.409 | 0.0 | 0.068 | 0.068 | 0.068 | 0.091 | 0.023 | 0.102 | 0.08 | 0.0 | 0.091 | 0.0 |
| II | 0.478 | 0.066 | 0.0 | 0.049 | 0.114 | 0.086 | 0.0 | 0.047 | 0.023 | 0.102 | 0.034 | 0.0 |
| bIII | 0.173 | 0.036 | 0.077 | 0.0 | 0.041 | 0.156 | 0.0 | 0.049 | 0.119 | 0.026 | 0.322 | 0.0 |
| III | 0.065 | 0.039 | 0.165 | 0.116 | 0.0 | 0.199 | 0.0 | 0.09 | 0.0 | 0.288 | 0.0 | 0.039 |
| IV | 0.166 | 0.009 | 0.11 | 0.108 | 0.1 | 0.0 | 0.026 | 0.14 | 0.097 | 0.032 | 0.212 | 0.0 |
| bV | 0.0 | 0.095 | 0.0 | 0.0 | 0.0 | 0.143 | 0.0 | 0.429 | 0.19 | 0.0 | 0.071 | 0.071 |
| V | 0.364 | 0.0 | 0.055 | 0.026 | 0.077 | 0.164 | 0.0 | 0.0 | 0.169 | 0.057 | 0.087 | 0.0 |
| bVI | 0.172 | 0.023 | 0.0 | 0.072 | 0.008 | 0.063 | 0.028 | 0.145 | 0.0 | 0.02 | 0.469 | 0.0 |
| VI | 0.196 | 0.0 | 0.315 | 0.0 | 0.08 | 0.11 | 0.0 | 0.187 | 0.013 | 0.0 | 0.084 | 0.015 |
| bVII | 0.613 | 0.004 | 0.012 | 0.088 | 0.0 | 0.072 | 0.0 | 0.055 | 0.148 | 0.007 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.125 | 0.0 | 0.125 | 0.0 | 0.25 | 0.0 | 0.0 | 0.25 | 0.25 | 0.0 |

cluster5\_3

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.004 | 0.167 | 0.02 | 0.044 | 0.316 | 0.009 | 0.202 | 0.003 | 0.175 | 0.046 | 0.014 |
| bII | 0.5 | 0.0 | 0.4 | 0.05 | 0.0 | 0.0 | 0.05 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.034 | 0.005 | 0.0 | 0.0 | 0.024 | 0.026 | 0.0 | 0.872 | 0.004 | 0.011 | 0.022 | 0.004 |
| bIII | 0.079 | 0.053 | 0.211 | 0.0 | 0.026 | 0.158 | 0.0 | 0.224 | 0.197 | 0.0 | 0.053 | 0.0 |
| III | 0.028 | 0.017 | 0.152 | 0.008 | 0.0 | 0.204 | 0.017 | 0.052 | 0.0 | 0.505 | 0.008 | 0.008 |
| IV | 0.408 | 0.0 | 0.148 | 0.017 | 0.085 | 0.0 | 0.012 | 0.258 | 0.004 | 0.028 | 0.037 | 0.004 |
| bV | 0.154 | 0.0 | 0.077 | 0.0 | 0.077 | 0.154 | 0.0 | 0.308 | 0.038 | 0.0 | 0.0 | 0.192 |
| V | 0.699 | 0.001 | 0.079 | 0.002 | 0.033 | 0.096 | 0.002 | 0.0 | 0.015 | 0.059 | 0.012 | 0.002 |
| bVI | 0.262 | 0.071 | 0.0 | 0.25 | 0.0 | 0.107 | 0.0 | 0.143 | 0.0 | 0.071 | 0.071 | 0.024 |
| VI | 0.119 | 0.011 | 0.586 | 0.0 | 0.069 | 0.108 | 0.0 | 0.098 | 0.0 | 0.0 | 0.0 | 0.009 |
| bVII | 0.266 | 0.0 | 0.011 | 0.017 | 0.046 | 0.28 | 0.0 | 0.139 | 0.071 | 0.155 | 0.0 | 0.014 |
| VII | 0.138 | 0.0 | 0.069 | 0.0 | 0.736 | 0.023 | 0.034 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster5\_4

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.078 | 0.012 | 0.039 | 0.326 | 0.002 | 0.201 | 0.026 | 0.291 | 0.023 | 0.003 |
| bII | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.254 | 0.022 | 0.0 | 0.0 | 0.031 | 0.33 | 0.011 | 0.224 | 0.0 | 0.058 | 0.06 | 0.011 |
| bIII | 0.24 | 0.083 | 0.26 | 0.0 | 0.0 | 0.083 | 0.0 | 0.069 | 0.208 | 0.0 | 0.056 | 0.0 |
| III | 0.038 | 0.005 | 0.132 | 0.026 | 0.0 | 0.414 | 0.0 | 0.06 | 0.0 | 0.319 | 0.005 | 0.0 |
| IV | 0.125 | 0.0 | 0.022 | 0.006 | 0.024 | 0.0 | 0.004 | 0.772 | 0.012 | 0.018 | 0.017 | 0.0 |
| bV | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.125 |
| V | 0.755 | 0.001 | 0.025 | 0.003 | 0.022 | 0.113 | 0.0 | 0.0 | 0.007 | 0.064 | 0.009 | 0.0 |
| bVI | 0.208 | 0.0 | 0.0 | 0.1 | 0.0 | 0.133 | 0.0 | 0.308 | 0.0 | 0.1 | 0.15 | 0.0 |
| VI | 0.125 | 0.012 | 0.052 | 0.003 | 0.072 | 0.641 | 0.0 | 0.075 | 0.018 | 0.0 | 0.002 | 0.0 |
| bVII | 0.386 | 0.0 | 0.0 | 0.061 | 0.0 | 0.294 | 0.0 | 0.136 | 0.05 | 0.068 | 0.0 | 0.005 |
| VII | 0.4 | 0.0 | 0.0 | 0.0 | 0.05 | 0.35 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster5\_5

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.004 | 0.041 | 0.048 | 0.015 | 0.424 | 0.0 | 0.371 | 0.033 | 0.024 | 0.032 | 0.008 |
| bII | 0.5 | 0.0 | 0.167 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.549 | 0.015 | 0.0 | 0.02 | 0.074 | 0.098 | 0.007 | 0.111 | 0.044 | 0.029 | 0.054 | 0.0 |
| bIII | 0.113 | 0.032 | 0.081 | 0.0 | 0.0 | 0.429 | 0.0 | 0.151 | 0.059 | 0.0 | 0.135 | 0.0 |
| III | 0.083 | 0.0 | 0.145 | 0.1 | 0.0 | 0.325 | 0.0 | 0.097 | 0.0 | 0.25 | 0.0 | 0.0 |
| IV | 0.691 | 0.0 | 0.022 | 0.037 | 0.015 | 0.0 | 0.001 | 0.131 | 0.037 | 0.022 | 0.045 | 0.0 |
| bV | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.888 | 0.0 | 0.02 | 0.001 | 0.007 | 0.05 | 0.002 | 0.0 | 0.013 | 0.006 | 0.012 | 0.002 |
| bVI | 0.183 | 0.0 | 0.008 | 0.03 | 0.0 | 0.128 | 0.0 | 0.429 | 0.0 | 0.0 | 0.206 | 0.017 |
| VI | 0.287 | 0.0 | 0.132 | 0.0 | 0.069 | 0.068 | 0.0 | 0.288 | 0.052 | 0.0 | 0.069 | 0.034 |
| bVII | 0.256 | 0.0 | 0.025 | 0.084 | 0.0 | 0.289 | 0.0 | 0.246 | 0.068 | 0.034 | 0.0 | 0.0 |
| VII | 0.667 | 0.0 | 0.0 | 0.0 | 0.148 | 0.0 | 0.0 | 0.0 | 0.0 | 0.185 | 0.0 | 0.0 |

cluster6\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.001 | 0.012 | 0.056 | 0.025 | 0.486 | 0.001 | 0.255 | 0.02 | 0.033 | 0.109 | 0.002 |
| bII | 0.2 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.253 | 0.1 | 0.147 | 0.0 | 0.0 | 0.1 |
| II | 0.026 | 0.037 | 0.0 | 0.0 | 0.198 | 0.419 | 0.0 | 0.127 | 0.0 | 0.194 | 0.0 | 0.0 |
| bIII | 0.303 | 0.04 | 0.04 | 0.0 | 0.0 | 0.417 | 0.0 | 0.01 | 0.15 | 0.0 | 0.0 | 0.04 |
| III | 0.176 | 0.0 | 0.17 | 0.0 | 0.0 | 0.324 | 0.0 | 0.145 | 0.0 | 0.176 | 0.009 | 0.0 |
| IV | 0.81 | 0.0 | 0.009 | 0.027 | 0.009 | 0.0 | 0.005 | 0.079 | 0.007 | 0.031 | 0.022 | 0.0 |
| bV | 0.333 | 0.167 | 0.0 | 0.028 | 0.0 | 0.333 | 0.0 | 0.0 | 0.028 | 0.0 | 0.111 | 0.0 |
| V | 0.116 | 0.002 | 0.027 | 0.014 | 0.022 | 0.655 | 0.022 | 0.0 | 0.016 | 0.084 | 0.042 | 0.0 |
| bVI | 0.343 | 0.044 | 0.0 | 0.147 | 0.0 | 0.118 | 0.069 | 0.059 | 0.0 | 0.132 | 0.088 | 0.0 |
| VI | 0.154 | 0.0 | 0.13 | 0.0 | 0.17 | 0.25 | 0.008 | 0.198 | 0.023 | 0.0 | 0.068 | 0.0 |
| bVII | 0.241 | 0.0 | 0.01 | 0.01 | 0.0 | 0.652 | 0.0 | 0.041 | 0.017 | 0.007 | 0.0 | 0.021 |
| VII | 0.2 | 0.2 | 0.0 | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster6\_2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.071 | 0.011 | 0.041 | 0.33 | 0.002 | 0.195 | 0.018 | 0.305 | 0.024 | 0.003 |
| bII | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.147 | 0.024 | 0.0 | 0.0 | 0.03 | 0.394 | 0.012 | 0.247 | 0.0 | 0.065 | 0.067 | 0.012 |
| bIII | 0.287 | 0.1 | 0.312 | 0.0 | 0.0 | 0.0 | 0.0 | 0.05 | 0.25 | 0.0 | 0.0 | 0.0 |
| III | 0.042 | 0.006 | 0.116 | 0.028 | 0.0 | 0.42 | 0.0 | 0.065 | 0.0 | 0.318 | 0.006 | 0.0 |
| IV | 0.125 | 0.0 | 0.025 | 0.006 | 0.025 | 0.0 | 0.004 | 0.769 | 0.009 | 0.019 | 0.017 | 0.0 |
| bV | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.125 |
| V | 0.761 | 0.001 | 0.025 | 0.004 | 0.022 | 0.107 | 0.0 | 0.0 | 0.007 | 0.064 | 0.01 | 0.0 |
| bVI | 0.245 | 0.0 | 0.0 | 0.059 | 0.0 | 0.157 | 0.0 | 0.258 | 0.0 | 0.118 | 0.164 | 0.0 |
| VI | 0.136 | 0.012 | 0.053 | 0.003 | 0.073 | 0.627 | 0.0 | 0.075 | 0.018 | 0.0 | 0.002 | 0.0 |
| bVII | 0.341 | 0.0 | 0.0 | 0.067 | 0.0 | 0.307 | 0.0 | 0.15 | 0.055 | 0.075 | 0.0 | 0.005 |
| VII | 0.4 | 0.0 | 0.0 | 0.0 | 0.05 | 0.35 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster6\_3

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.007 | 0.385 | 0.006 | 0.05 | 0.235 | 0.0 | 0.163 | 0.012 | 0.085 | 0.042 | 0.015 |
| bII | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.773 | 0.004 | 0.0 | 0.007 | 0.057 | 0.041 | 0.0 | 0.064 | 0.007 | 0.038 | 0.009 | 0.0 |
| bIII | 0.0 | 0.0 | 0.222 | 0.0 | 0.222 | 0.111 | 0.0 | 0.148 | 0.111 | 0.0 | 0.185 | 0.0 |
| III | 0.0 | 0.014 | 0.326 | 0.028 | 0.0 | 0.261 | 0.0 | 0.051 | 0.0 | 0.311 | 0.0 | 0.009 |
| IV | 0.432 | 0.0 | 0.132 | 0.001 | 0.161 | 0.0 | 0.023 | 0.153 | 0.01 | 0.054 | 0.034 | 0.0 |
| bV | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.667 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.426 | 0.0 | 0.104 | 0.0 | 0.125 | 0.2 | 0.005 | 0.0 | 0.025 | 0.08 | 0.036 | 0.0 |
| bVI | 0.167 | 0.0 | 0.0 | 0.278 | 0.0 | 0.074 | 0.0 | 0.259 | 0.0 | 0.111 | 0.111 | 0.0 |
| VI | 0.083 | 0.0 | 0.39 | 0.0 | 0.095 | 0.23 | 0.0 | 0.13 | 0.012 | 0.0 | 0.053 | 0.006 |
| bVII | 0.256 | 0.0 | 0.0 | 0.0 | 0.062 | 0.375 | 0.0 | 0.119 | 0.125 | 0.062 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.167 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 |

cluster6\_4

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.003 | 0.022 | 0.057 | 0.012 | 0.447 | 0.0 | 0.389 | 0.022 | 0.023 | 0.016 | 0.009 |
| bII | 0.375 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.0 | 0.375 | 0.125 | 0.0 | 0.0 | 0.0 |
| II | 0.229 | 0.079 | 0.0 | 0.035 | 0.118 | 0.175 | 0.013 | 0.148 | 0.053 | 0.053 | 0.096 | 0.0 |
| bIII | 0.086 | 0.034 | 0.052 | 0.0 | 0.0 | 0.484 | 0.0 | 0.161 | 0.037 | 0.0 | 0.145 | 0.0 |
| III | 0.097 | 0.0 | 0.024 | 0.118 | 0.0 | 0.294 | 0.0 | 0.164 | 0.0 | 0.304 | 0.0 | 0.0 |
| IV | 0.717 | 0.0 | 0.021 | 0.033 | 0.012 | 0.0 | 0.006 | 0.121 | 0.042 | 0.013 | 0.036 | 0.0 |
| bV | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.9 | 0.0 | 0.007 | 0.002 | 0.014 | 0.041 | 0.002 | 0.0 | 0.013 | 0.007 | 0.013 | 0.002 |
| bVI | 0.219 | 0.04 | 0.01 | 0.036 | 0.0 | 0.127 | 0.0 | 0.328 | 0.0 | 0.0 | 0.22 | 0.02 |
| VI | 0.333 | 0.0 | 0.113 | 0.0 | 0.04 | 0.072 | 0.0 | 0.261 | 0.06 | 0.0 | 0.08 | 0.04 |
| bVII | 0.257 | 0.0 | 0.032 | 0.073 | 0.0 | 0.33 | 0.0 | 0.244 | 0.021 | 0.042 | 0.0 | 0.0 |
| VII | 0.667 | 0.0 | 0.0 | 0.0 | 0.148 | 0.0 | 0.0 | 0.0 | 0.0 | 0.185 | 0.0 | 0.0 |

cluster6\_5

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.004 | 0.155 | 0.02 | 0.043 | 0.317 | 0.009 | 0.208 | 0.003 | 0.179 | 0.047 | 0.015 |
| bII | 0.545 | 0.0 | 0.364 | 0.045 | 0.0 | 0.0 | 0.045 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.016 | 0.01 | 0.0 | 0.0 | 0.023 | 0.027 | 0.0 | 0.884 | 0.004 | 0.009 | 0.024 | 0.004 |
| bIII | 0.075 | 0.05 | 0.3 | 0.0 | 0.025 | 0.15 | 0.0 | 0.213 | 0.138 | 0.0 | 0.05 | 0.0 |
| III | 0.03 | 0.018 | 0.146 | 0.027 | 0.0 | 0.209 | 0.018 | 0.057 | 0.0 | 0.478 | 0.009 | 0.009 |
| IV | 0.391 | 0.0 | 0.153 | 0.027 | 0.081 | 0.0 | 0.012 | 0.257 | 0.004 | 0.037 | 0.035 | 0.004 |
| bV | 0.154 | 0.0 | 0.077 | 0.0 | 0.077 | 0.154 | 0.0 | 0.308 | 0.038 | 0.0 | 0.0 | 0.192 |
| V | 0.705 | 0.001 | 0.078 | 0.002 | 0.032 | 0.097 | 0.002 | 0.0 | 0.015 | 0.053 | 0.013 | 0.002 |
| bVI | 0.262 | 0.071 | 0.0 | 0.179 | 0.0 | 0.107 | 0.0 | 0.214 | 0.0 | 0.071 | 0.071 | 0.024 |
| VI | 0.135 | 0.012 | 0.571 | 0.0 | 0.071 | 0.1 | 0.0 | 0.102 | 0.0 | 0.0 | 0.0 | 0.009 |
| bVII | 0.266 | 0.0 | 0.011 | 0.017 | 0.011 | 0.28 | 0.0 | 0.174 | 0.071 | 0.155 | 0.0 | 0.014 |
| VII | 0.138 | 0.0 | 0.069 | 0.0 | 0.736 | 0.023 | 0.034 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster6\_6

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.024 | 0.015 | 0.107 | 0.022 | 0.112 | 0.0 | 0.065 | 0.276 | 0.02 | 0.358 | 0.001 |
| bII | 0.429 | 0.0 | 0.0 | 0.086 | 0.086 | 0.114 | 0.029 | 0.086 | 0.057 | 0.0 | 0.114 | 0.0 |
| II | 0.054 | 0.1 | 0.0 | 0.16 | 0.086 | 0.1 | 0.0 | 0.05 | 0.1 | 0.25 | 0.1 | 0.0 |
| bIII | 0.178 | 0.042 | 0.042 | 0.0 | 0.0 | 0.141 | 0.0 | 0.033 | 0.157 | 0.03 | 0.377 | 0.0 |
| III | 0.171 | 0.073 | 0.0 | 0.146 | 0.0 | 0.0 | 0.0 | 0.146 | 0.0 | 0.366 | 0.0 | 0.098 |
| IV | 0.237 | 0.012 | 0.013 | 0.096 | 0.0 | 0.0 | 0.0 | 0.206 | 0.133 | 0.0 | 0.303 | 0.0 |
| bV | 0.0 | 0.167 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.0 | 0.333 | 0.0 | 0.125 | 0.125 |
| V | 0.497 | 0.0 | 0.022 | 0.009 | 0.0 | 0.152 | 0.0 | 0.0 | 0.19 | 0.059 | 0.07 | 0.0 |
| bVI | 0.164 | 0.008 | 0.0 | 0.065 | 0.008 | 0.063 | 0.028 | 0.194 | 0.0 | 0.004 | 0.467 | 0.0 |
| VI | 0.234 | 0.0 | 0.196 | 0.0 | 0.188 | 0.063 | 0.0 | 0.206 | 0.031 | 0.0 | 0.063 | 0.021 |
| bVII | 0.635 | 0.004 | 0.012 | 0.102 | 0.0 | 0.041 | 0.0 | 0.046 | 0.152 | 0.007 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.333 | 0.333 | 0.0 |

cluster7\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.001 | 0.008 | 0.008 | 0.033 | 0.427 | 0.0 | 0.434 | 0.01 | 0.028 | 0.047 | 0.002 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.25 | 0.167 | 0.0 | 0.0 | 0.25 |
| II | 0.139 | 0.0 | 0.0 | 0.0 | 0.127 | 0.496 | 0.0 | 0.131 | 0.0 | 0.107 | 0.0 | 0.0 |
| bIII | 0.458 | 0.0 | 0.0 | 0.0 | 0.0 | 0.542 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.194 | 0.0 | 0.222 | 0.0 | 0.0 | 0.375 | 0.0 | 0.12 | 0.0 | 0.088 | 0.0 | 0.0 |
| IV | 0.753 | 0.0 | 0.016 | 0.003 | 0.017 | 0.0 | 0.005 | 0.144 | 0.009 | 0.035 | 0.019 | 0.0 |
| bV | 0.667 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.118 | 0.0 | 0.024 | 0.004 | 0.003 | 0.771 | 0.003 | 0.0 | 0.0 | 0.055 | 0.022 | 0.0 |
| bVI | 0.187 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 | 0.25 | 0.0 | 0.0 | 0.187 | 0.0 | 0.0 |
| VI | 0.142 | 0.0 | 0.159 | 0.0 | 0.14 | 0.224 | 0.0 | 0.254 | 0.032 | 0.0 | 0.048 | 0.0 |
| bVII | 0.332 | 0.0 | 0.031 | 0.0 | 0.0 | 0.515 | 0.0 | 0.101 | 0.021 | 0.0 | 0.0 | 0.0 |
| VII | 0.0 | 0.5 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster7\_2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.004 | 0.03 | 0.124 | 0.017 | 0.504 | 0.001 | 0.047 | 0.042 | 0.03 | 0.192 | 0.01 |
| bII | 0.286 | 0.0 | 0.0 | 0.0 | 0.214 | 0.071 | 0.129 | 0.0 | 0.086 | 0.0 | 0.214 | 0.0 |
| II | 0.276 | 0.053 | 0.0 | 0.0 | 0.053 | 0.211 | 0.013 | 0.211 | 0.0 | 0.184 | 0.0 | 0.0 |
| bIII | 0.265 | 0.083 | 0.061 | 0.0 | 0.0 | 0.298 | 0.0 | 0.008 | 0.167 | 0.0 | 0.088 | 0.03 |
| III | 0.025 | 0.0 | 0.1 | 0.2 | 0.0 | 0.125 | 0.0 | 0.175 | 0.0 | 0.35 | 0.025 | 0.0 |
| IV | 0.845 | 0.0 | 0.005 | 0.064 | 0.0 | 0.0 | 0.004 | 0.03 | 0.006 | 0.014 | 0.033 | 0.0 |
| bV | 0.125 | 0.062 | 0.0 | 0.031 | 0.0 | 0.375 | 0.0 | 0.125 | 0.094 | 0.0 | 0.188 | 0.0 |
| V | 0.16 | 0.011 | 0.133 | 0.045 | 0.068 | 0.015 | 0.091 | 0.0 | 0.095 | 0.177 | 0.193 | 0.011 |
| bVI | 0.329 | 0.037 | 0.0 | 0.125 | 0.025 | 0.15 | 0.058 | 0.067 | 0.0 | 0.075 | 0.133 | 0.0 |
| VI | 0.248 | 0.0 | 0.124 | 0.0 | 0.125 | 0.269 | 0.02 | 0.049 | 0.029 | 0.0 | 0.117 | 0.02 |
| bVII | 0.252 | 0.0 | 0.0 | 0.058 | 0.0 | 0.615 | 0.0 | 0.007 | 0.011 | 0.034 | 0.0 | 0.022 |
| VII | 0.286 | 0.0 | 0.0 | 0.143 | 0.0 | 0.143 | 0.0 | 0.0 | 0.0 | 0.143 | 0.286 | 0.0 |

cluster7\_3

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.084 | 0.015 | 0.046 | 0.327 | 0.002 | 0.187 | 0.021 | 0.285 | 0.029 | 0.003 |
| bII | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.248 | 0.023 | 0.0 | 0.023 | 0.033 | 0.295 | 0.012 | 0.24 | 0.0 | 0.062 | 0.052 | 0.012 |
| bIII | 0.279 | 0.077 | 0.163 | 0.0 | 0.038 | 0.135 | 0.0 | 0.064 | 0.192 | 0.0 | 0.051 | 0.0 |
| III | 0.042 | 0.006 | 0.102 | 0.028 | 0.0 | 0.427 | 0.0 | 0.028 | 0.0 | 0.362 | 0.006 | 0.0 |
| IV | 0.123 | 0.0 | 0.027 | 0.009 | 0.012 | 0.0 | 0.004 | 0.78 | 0.013 | 0.014 | 0.018 | 0.0 |
| bV | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.125 |
| V | 0.787 | 0.001 | 0.027 | 0.001 | 0.015 | 0.095 | 0.0 | 0.0 | 0.009 | 0.061 | 0.005 | 0.0 |
| bVI | 0.219 | 0.0 | 0.0 | 0.105 | 0.0 | 0.193 | 0.0 | 0.231 | 0.0 | 0.105 | 0.146 | 0.0 |
| VI | 0.114 | 0.012 | 0.055 | 0.004 | 0.065 | 0.686 | 0.0 | 0.051 | 0.012 | 0.0 | 0.0 | 0.0 |
| bVII | 0.412 | 0.0 | 0.0 | 0.07 | 0.0 | 0.236 | 0.0 | 0.158 | 0.093 | 0.026 | 0.0 | 0.005 |
| VII | 0.4 | 0.0 | 0.0 | 0.0 | 0.05 | 0.35 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster7\_4

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.021 | 0.34 | 0.031 | 0.077 | 0.161 | 0.005 | 0.197 | 0.003 | 0.128 | 0.03 | 0.006 |
| bII | 0.333 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.111 | 0.0 | 0.111 | 0.0 | 0.111 | 0.0 |
| II | 0.602 | 0.015 | 0.0 | 0.008 | 0.122 | 0.073 | 0.0 | 0.086 | 0.015 | 0.057 | 0.022 | 0.0 |
| bIII | 0.083 | 0.0 | 0.417 | 0.0 | 0.167 | 0.0 | 0.0 | 0.083 | 0.083 | 0.083 | 0.083 | 0.0 |
| III | 0.062 | 0.011 | 0.264 | 0.046 | 0.0 | 0.208 | 0.0 | 0.131 | 0.0 | 0.266 | 0.0 | 0.011 |
| IV | 0.297 | 0.0 | 0.17 | 0.02 | 0.227 | 0.0 | 0.026 | 0.124 | 0.005 | 0.094 | 0.037 | 0.0 |
| bV | 0.0 | 0.111 | 0.167 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.139 | 0.0 | 0.0 | 0.25 |
| V | 0.366 | 0.0 | 0.101 | 0.006 | 0.204 | 0.136 | 0.005 | 0.0 | 0.026 | 0.115 | 0.042 | 0.0 |
| bVI | 0.062 | 0.042 | 0.0 | 0.188 | 0.0 | 0.083 | 0.083 | 0.417 | 0.0 | 0.125 | 0.0 | 0.0 |
| VI | 0.139 | 0.0 | 0.366 | 0.0 | 0.152 | 0.16 | 0.0 | 0.139 | 0.011 | 0.0 | 0.028 | 0.005 |
| bVII | 0.133 | 0.0 | 0.067 | 0.0 | 0.067 | 0.311 | 0.0 | 0.156 | 0.2 | 0.067 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.125 | 0.0 | 0.625 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster7\_5

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.012 | 0.021 | 0.071 | 0.0 | 0.12 | 0.0 | 0.071 | 0.312 | 0.016 | 0.376 | 0.0 |
| bII | 0.519 | 0.0 | 0.0 | 0.111 | 0.111 | 0.111 | 0.0 | 0.111 | 0.037 | 0.0 | 0.0 | 0.0 |
| II | 0.3 | 0.125 | 0.0 | 0.075 | 0.0 | 0.0 | 0.0 | 0.125 | 0.125 | 0.125 | 0.125 | 0.0 |
| bIII | 0.09 | 0.0 | 0.059 | 0.0 | 0.0 | 0.169 | 0.0 | 0.047 | 0.162 | 0.008 | 0.465 | 0.0 |
| III | 0.0 | 0.125 | 0.25 | 0.0 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 |
| IV | 0.149 | 0.015 | 0.016 | 0.079 | 0.024 | 0.0 | 0.0 | 0.223 | 0.159 | 0.0 | 0.337 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.484 | 0.0 | 0.0 | 0.01 | 0.0 | 0.195 | 0.0 | 0.0 | 0.208 | 0.033 | 0.068 | 0.0 |
| bVI | 0.176 | 0.003 | 0.0 | 0.073 | 0.0 | 0.027 | 0.002 | 0.176 | 0.0 | 0.004 | 0.539 | 0.0 |
| VI | 0.2 | 0.0 | 0.08 | 0.0 | 0.1 | 0.1 | 0.0 | 0.32 | 0.05 | 0.0 | 0.15 | 0.0 |
| bVII | 0.687 | 0.004 | 0.0 | 0.086 | 0.0 | 0.038 | 0.0 | 0.046 | 0.134 | 0.006 | 0.0 | 0.0 |
| VII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

cluster7\_6

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.004 | 0.164 | 0.02 | 0.039 | 0.316 | 0.007 | 0.197 | 0.003 | 0.187 | 0.047 | 0.015 |
| bII | 0.5 | 0.0 | 0.4 | 0.05 | 0.0 | 0.0 | 0.05 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.021 | 0.006 | 0.0 | 0.0 | 0.021 | 0.024 | 0.0 | 0.893 | 0.0 | 0.009 | 0.023 | 0.004 |
| bIII | 0.067 | 0.067 | 0.233 | 0.0 | 0.0 | 0.167 | 0.0 | 0.283 | 0.183 | 0.0 | 0.0 | 0.0 |
| III | 0.029 | 0.019 | 0.15 | 0.01 | 0.0 | 0.201 | 0.019 | 0.052 | 0.0 | 0.5 | 0.01 | 0.01 |
| IV | 0.417 | 0.0 | 0.145 | 0.014 | 0.07 | 0.0 | 0.012 | 0.27 | 0.002 | 0.03 | 0.037 | 0.004 |
| bV | 0.167 | 0.0 | 0.083 | 0.0 | 0.083 | 0.167 | 0.0 | 0.333 | 0.042 | 0.0 | 0.0 | 0.125 |
| V | 0.722 | 0.001 | 0.073 | 0.002 | 0.026 | 0.099 | 0.002 | 0.0 | 0.012 | 0.054 | 0.007 | 0.002 |
| bVI | 0.333 | 0.091 | 0.0 | 0.136 | 0.0 | 0.136 | 0.0 | 0.182 | 0.0 | 0.091 | 0.0 | 0.03 |
| VI | 0.126 | 0.012 | 0.595 | 0.0 | 0.068 | 0.085 | 0.0 | 0.104 | 0.0 | 0.0 | 0.0 | 0.009 |
| bVII | 0.228 | 0.0 | 0.013 | 0.02 | 0.013 | 0.285 | 0.0 | 0.161 | 0.083 | 0.18 | 0.0 | 0.016 |
| VII | 0.148 | 0.0 | 0.074 | 0.0 | 0.716 | 0.025 | 0.037 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster7\_7

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.003 | 0.019 | 0.052 | 0.01 | 0.456 | 0.0 | 0.373 | 0.029 | 0.024 | 0.026 | 0.008 |
| bII | 0.375 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.0 | 0.375 | 0.125 | 0.0 | 0.0 | 0.0 |
| II | 0.342 | 0.079 | 0.0 | 0.035 | 0.066 | 0.175 | 0.0 | 0.101 | 0.053 | 0.053 | 0.096 | 0.0 |
| bIII | 0.107 | 0.036 | 0.036 | 0.0 | 0.0 | 0.466 | 0.0 | 0.167 | 0.039 | 0.0 | 0.15 | 0.0 |
| III | 0.083 | 0.0 | 0.0 | 0.067 | 0.0 | 0.4 | 0.0 | 0.117 | 0.0 | 0.333 | 0.0 | 0.0 |
| IV | 0.704 | 0.0 | 0.023 | 0.032 | 0.012 | 0.0 | 0.006 | 0.132 | 0.041 | 0.017 | 0.034 | 0.0 |
| bV | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.908 | 0.0 | 0.007 | 0.001 | 0.006 | 0.045 | 0.002 | 0.0 | 0.013 | 0.008 | 0.009 | 0.0 |
| bVI | 0.203 | 0.037 | 0.009 | 0.033 | 0.0 | 0.117 | 0.0 | 0.378 | 0.0 | 0.0 | 0.204 | 0.019 |
| VI | 0.321 | 0.0 | 0.071 | 0.0 | 0.077 | 0.07 | 0.0 | 0.289 | 0.058 | 0.0 | 0.077 | 0.038 |
| bVII | 0.242 | 0.0 | 0.03 | 0.069 | 0.0 | 0.31 | 0.0 | 0.26 | 0.05 | 0.04 | 0.0 | 0.0 |
| VII | 0.5 | 0.0 | 0.0 | 0.0 | 0.222 | 0.0 | 0.0 | 0.0 | 0.0 | 0.278 | 0.0 | 0.0 |

cluster8\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.005 | 0.023 | 0.055 | 0.013 | 0.398 | 0.0 | 0.401 | 0.034 | 0.034 | 0.027 | 0.01 |
| bII | 0.375 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.0 | 0.375 | 0.125 | 0.0 | 0.0 | 0.0 |
| II | 0.298 | 0.071 | 0.0 | 0.032 | 0.107 | 0.183 | 0.012 | 0.139 | 0.071 | 0.048 | 0.04 | 0.0 |
| bIII | 0.121 | 0.034 | 0.086 | 0.0 | 0.0 | 0.459 | 0.0 | 0.115 | 0.052 | 0.0 | 0.133 | 0.0 |
| III | 0.103 | 0.0 | 0.025 | 0.125 | 0.0 | 0.375 | 0.0 | 0.122 | 0.0 | 0.25 | 0.0 | 0.0 |
| IV | 0.759 | 0.0 | 0.024 | 0.035 | 0.004 | 0.0 | 0.006 | 0.085 | 0.039 | 0.012 | 0.035 | 0.0 |
| bV | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.904 | 0.0 | 0.014 | 0.002 | 0.008 | 0.037 | 0.002 | 0.0 | 0.015 | 0.009 | 0.007 | 0.002 |
| bVI | 0.149 | 0.04 | 0.0 | 0.036 | 0.0 | 0.107 | 0.0 | 0.401 | 0.0 | 0.0 | 0.247 | 0.02 |
| VI | 0.389 | 0.0 | 0.097 | 0.0 | 0.083 | 0.09 | 0.0 | 0.194 | 0.063 | 0.0 | 0.042 | 0.042 |
| bVII | 0.266 | 0.0 | 0.033 | 0.075 | 0.0 | 0.259 | 0.0 | 0.269 | 0.055 | 0.044 | 0.0 | 0.0 |
| VII | 0.75 | 0.0 | 0.0 | 0.0 | 0.111 | 0.0 | 0.0 | 0.0 | 0.0 | 0.139 | 0.0 | 0.0 |

cluster8\_2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.016 | 0.131 | 0.015 | 0.523 | 0.001 | 0.043 | 0.036 | 0.031 | 0.201 | 0.003 |
| bII | 0.286 | 0.0 | 0.0 | 0.0 | 0.214 | 0.071 | 0.129 | 0.0 | 0.086 | 0.0 | 0.214 | 0.0 |
| II | 0.194 | 0.062 | 0.0 | 0.0 | 0.062 | 0.243 | 0.0 | 0.219 | 0.0 | 0.219 | 0.0 | 0.0 |
| bIII | 0.266 | 0.089 | 0.048 | 0.0 | 0.0 | 0.309 | 0.0 | 0.008 | 0.153 | 0.0 | 0.094 | 0.032 |
| III | 0.028 | 0.0 | 0.111 | 0.111 | 0.0 | 0.139 | 0.0 | 0.194 | 0.0 | 0.389 | 0.028 | 0.0 |
| IV | 0.844 | 0.0 | 0.005 | 0.068 | 0.0 | 0.0 | 0.004 | 0.022 | 0.006 | 0.015 | 0.035 | 0.0 |
| bV | 0.143 | 0.071 | 0.0 | 0.036 | 0.0 | 0.429 | 0.0 | 0.0 | 0.107 | 0.0 | 0.214 | 0.0 |
| V | 0.119 | 0.013 | 0.14 | 0.053 | 0.079 | 0.018 | 0.105 | 0.0 | 0.084 | 0.205 | 0.184 | 0.0 |
| bVI | 0.31 | 0.042 | 0.0 | 0.139 | 0.028 | 0.167 | 0.065 | 0.056 | 0.0 | 0.083 | 0.111 | 0.0 |
| VI | 0.263 | 0.0 | 0.131 | 0.0 | 0.133 | 0.255 | 0.021 | 0.052 | 0.0 | 0.0 | 0.124 | 0.021 |
| bVII | 0.277 | 0.0 | 0.0 | 0.039 | 0.0 | 0.627 | 0.0 | 0.008 | 0.012 | 0.013 | 0.0 | 0.024 |
| VII | 0.2 | 0.0 | 0.0 | 0.2 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 |

cluster8\_3

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.022 | 0.377 | 0.032 | 0.081 | 0.173 | 0.005 | 0.149 | 0.007 | 0.109 | 0.032 | 0.013 |
| bII | 0.333 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.111 | 0.0 | 0.111 | 0.0 | 0.111 | 0.0 |
| II | 0.642 | 0.015 | 0.0 | 0.008 | 0.11 | 0.07 | 0.0 | 0.081 | 0.008 | 0.059 | 0.007 | 0.0 |
| bIII | 0.1 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| III | 0.059 | 0.013 | 0.218 | 0.05 | 0.0 | 0.204 | 0.0 | 0.126 | 0.0 | 0.318 | 0.0 | 0.013 |
| IV | 0.367 | 0.0 | 0.178 | 0.0 | 0.228 | 0.0 | 0.028 | 0.07 | 0.005 | 0.084 | 0.039 | 0.0 |
| bV | 0.0 | 0.111 | 0.167 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.139 | 0.0 | 0.0 | 0.25 |
| V | 0.398 | 0.0 | 0.106 | 0.004 | 0.19 | 0.096 | 0.006 | 0.0 | 0.029 | 0.13 | 0.04 | 0.0 |
| bVI | 0.188 | 0.042 | 0.0 | 0.188 | 0.0 | 0.083 | 0.083 | 0.167 | 0.0 | 0.125 | 0.125 | 0.0 |
| VI | 0.117 | 0.0 | 0.387 | 0.0 | 0.152 | 0.146 | 0.0 | 0.132 | 0.011 | 0.0 | 0.049 | 0.005 |
| bVII | 0.152 | 0.0 | 0.062 | 0.0 | 0.062 | 0.292 | 0.0 | 0.182 | 0.188 | 0.062 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.1 | 0.0 | 0.5 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 |

cluster8\_4

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.09 | 0.019 | 0.034 | 0.53 | 0.0 | 0.24 | 0.026 | 0.011 | 0.046 | 0.005 |
| bII | 0.7 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.05 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.176 | 0.026 | 0.0 | 0.026 | 0.012 | 0.287 | 0.013 | 0.365 | 0.0 | 0.068 | 0.026 | 0.0 |
| bIII | 0.239 | 0.091 | 0.284 | 0.0 | 0.0 | 0.023 | 0.0 | 0.167 | 0.167 | 0.0 | 0.03 | 0.0 |
| III | 0.08 | 0.009 | 0.17 | 0.045 | 0.0 | 0.314 | 0.0 | 0.0 | 0.0 | 0.382 | 0.0 | 0.0 |
| IV | 0.099 | 0.0 | 0.015 | 0.019 | 0.02 | 0.0 | 0.0 | 0.82 | 0.01 | 0.013 | 0.005 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 |
| V | 0.719 | 0.003 | 0.025 | 0.003 | 0.011 | 0.172 | 0.0 | 0.0 | 0.017 | 0.031 | 0.019 | 0.0 |
| bVI | 0.194 | 0.0 | 0.017 | 0.0 | 0.0 | 0.211 | 0.0 | 0.342 | 0.0 | 0.067 | 0.169 | 0.0 |
| VI | 0.096 | 0.077 | 0.208 | 0.011 | 0.13 | 0.079 | 0.0 | 0.323 | 0.038 | 0.0 | 0.038 | 0.0 |
| bVII | 0.168 | 0.0 | 0.022 | 0.133 | 0.022 | 0.332 | 0.0 | 0.133 | 0.156 | 0.033 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.125 | 0.875 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster8\_5

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.049 | 0.003 | 0.044 | 0.214 | 0.004 | 0.147 | 0.008 | 0.52 | 0.011 | 0.0 |
| bII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| II | 0.272 | 0.0 | 0.0 | 0.0 | 0.054 | 0.13 | 0.0 | 0.373 | 0.0 | 0.029 | 0.12 | 0.022 |
| bIII | 0.2 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.0 | 0.067 | 0.2 | 0.0 | 0.133 | 0.0 |
| III | 0.04 | 0.0 | 0.067 | 0.0 | 0.0 | 0.439 | 0.0 | 0.06 | 0.0 | 0.386 | 0.008 | 0.0 |
| IV | 0.168 | 0.0 | 0.045 | 0.006 | 0.03 | 0.0 | 0.007 | 0.666 | 0.019 | 0.025 | 0.032 | 0.0 |
| bV | 0.667 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.763 | 0.0 | 0.033 | 0.0 | 0.032 | 0.073 | 0.0 | 0.0 | 0.007 | 0.086 | 0.006 | 0.0 |
| bVI | 0.364 | 0.0 | 0.0 | 0.182 | 0.0 | 0.091 | 0.0 | 0.25 | 0.0 | 0.091 | 0.023 | 0.0 |
| VI | 0.099 | 0.0 | 0.019 | 0.0 | 0.029 | 0.829 | 0.0 | 0.017 | 0.008 | 0.0 | 0.0 | 0.0 |
| bVII | 0.512 | 0.0 | 0.0 | 0.03 | 0.0 | 0.212 | 0.0 | 0.136 | 0.009 | 0.091 | 0.0 | 0.009 |
| VII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster8\_6

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.013 | 0.017 | 0.074 | 0.0 | 0.12 | 0.0 | 0.074 | 0.321 | 0.012 | 0.369 | 0.0 |
| bII | 0.519 | 0.0 | 0.0 | 0.111 | 0.111 | 0.111 | 0.0 | 0.111 | 0.037 | 0.0 | 0.0 | 0.0 |
| II | 0.067 | 0.167 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.167 | 0.167 | 0.167 | 0.167 | 0.0 |
| bIII | 0.09 | 0.0 | 0.059 | 0.0 | 0.0 | 0.169 | 0.0 | 0.047 | 0.162 | 0.008 | 0.465 | 0.0 |
| III | 0.0 | 0.167 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.167 |
| IV | 0.135 | 0.015 | 0.017 | 0.083 | 0.017 | 0.0 | 0.0 | 0.217 | 0.163 | 0.0 | 0.354 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.49 | 0.0 | 0.0 | 0.011 | 0.0 | 0.164 | 0.0 | 0.0 | 0.225 | 0.036 | 0.074 | 0.0 |
| bVI | 0.182 | 0.003 | 0.0 | 0.075 | 0.0 | 0.028 | 0.002 | 0.165 | 0.0 | 0.005 | 0.541 | 0.0 |
| VI | 0.222 | 0.0 | 0.089 | 0.0 | 0.111 | 0.111 | 0.0 | 0.356 | 0.056 | 0.0 | 0.056 | 0.0 |
| bVII | 0.696 | 0.005 | 0.0 | 0.09 | 0.0 | 0.039 | 0.0 | 0.039 | 0.125 | 0.006 | 0.0 | 0.0 |
| VII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

cluster8\_7

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.001 | 0.008 | 0.008 | 0.033 | 0.411 | 0.0 | 0.43 | 0.01 | 0.028 | 0.067 | 0.002 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.25 | 0.167 | 0.0 | 0.0 | 0.25 |
| II | 0.192 | 0.0 | 0.0 | 0.0 | 0.116 | 0.409 | 0.0 | 0.163 | 0.0 | 0.098 | 0.022 | 0.0 |
| bIII | 0.458 | 0.0 | 0.0 | 0.0 | 0.0 | 0.542 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.132 | 0.0 | 0.316 | 0.0 | 0.0 | 0.355 | 0.0 | 0.114 | 0.0 | 0.083 | 0.0 | 0.0 |
| IV | 0.755 | 0.0 | 0.016 | 0.003 | 0.02 | 0.0 | 0.005 | 0.128 | 0.011 | 0.043 | 0.02 | 0.0 |
| bV | 0.667 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.116 | 0.0 | 0.023 | 0.004 | 0.005 | 0.775 | 0.003 | 0.0 | 0.0 | 0.052 | 0.023 | 0.0 |
| bVI | 0.15 | 0.0 | 0.0 | 0.2 | 0.0 | 0.1 | 0.2 | 0.2 | 0.0 | 0.15 | 0.0 | 0.0 |
| VI | 0.149 | 0.0 | 0.18 | 0.0 | 0.132 | 0.225 | 0.0 | 0.239 | 0.03 | 0.0 | 0.045 | 0.0 |
| bVII | 0.316 | 0.0 | 0.025 | 0.0 | 0.0 | 0.512 | 0.0 | 0.081 | 0.067 | 0.0 | 0.0 | 0.0 |
| VII | 0.0 | 0.5 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster8\_8

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.005 | 0.172 | 0.022 | 0.039 | 0.297 | 0.008 | 0.189 | 0.004 | 0.202 | 0.044 | 0.017 |
| bII | 0.5 | 0.0 | 0.375 | 0.062 | 0.0 | 0.0 | 0.062 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.017 | 0.006 | 0.0 | 0.0 | 0.021 | 0.025 | 0.0 | 0.895 | 0.0 | 0.006 | 0.026 | 0.004 |
| bIII | 0.067 | 0.067 | 0.233 | 0.0 | 0.0 | 0.167 | 0.0 | 0.283 | 0.183 | 0.0 | 0.0 | 0.0 |
| III | 0.028 | 0.022 | 0.168 | 0.011 | 0.0 | 0.199 | 0.022 | 0.06 | 0.0 | 0.467 | 0.011 | 0.011 |
| IV | 0.468 | 0.0 | 0.159 | 0.016 | 0.074 | 0.0 | 0.014 | 0.192 | 0.002 | 0.029 | 0.041 | 0.004 |
| bV | 0.167 | 0.0 | 0.083 | 0.0 | 0.083 | 0.167 | 0.0 | 0.333 | 0.042 | 0.0 | 0.0 | 0.125 |
| V | 0.748 | 0.0 | 0.07 | 0.003 | 0.028 | 0.078 | 0.002 | 0.0 | 0.009 | 0.051 | 0.008 | 0.003 |
| bVI | 0.296 | 0.111 | 0.0 | 0.167 | 0.0 | 0.167 | 0.0 | 0.111 | 0.0 | 0.111 | 0.0 | 0.037 |
| VI | 0.138 | 0.0 | 0.603 | 0.0 | 0.076 | 0.086 | 0.0 | 0.087 | 0.0 | 0.0 | 0.0 | 0.01 |
| bVII | 0.233 | 0.0 | 0.0 | 0.022 | 0.0 | 0.296 | 0.0 | 0.175 | 0.061 | 0.196 | 0.0 | 0.017 |
| VII | 0.148 | 0.0 | 0.074 | 0.0 | 0.716 | 0.025 | 0.037 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster9\_1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.09 | 0.022 | 0.033 | 0.548 | 0.0 | 0.226 | 0.029 | 0.009 | 0.037 | 0.006 |
| bII | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.238 | 0.037 | 0.0 | 0.037 | 0.044 | 0.395 | 0.019 | 0.12 | 0.0 | 0.074 | 0.037 | 0.0 |
| bIII | 0.239 | 0.091 | 0.284 | 0.0 | 0.0 | 0.023 | 0.0 | 0.167 | 0.167 | 0.0 | 0.03 | 0.0 |
| III | 0.083 | 0.011 | 0.194 | 0.056 | 0.0 | 0.356 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 |
| IV | 0.118 | 0.0 | 0.009 | 0.022 | 0.019 | 0.0 | 0.0 | 0.805 | 0.011 | 0.01 | 0.005 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 |
| V | 0.742 | 0.002 | 0.013 | 0.003 | 0.011 | 0.163 | 0.0 | 0.0 | 0.017 | 0.027 | 0.021 | 0.0 |
| bVI | 0.208 | 0.0 | 0.018 | 0.0 | 0.0 | 0.226 | 0.0 | 0.295 | 0.0 | 0.071 | 0.181 | 0.0 |
| VI | 0.125 | 0.05 | 0.132 | 0.014 | 0.169 | 0.102 | 0.0 | 0.308 | 0.05 | 0.0 | 0.05 | 0.0 |
| bVII | 0.156 | 0.0 | 0.071 | 0.143 | 0.0 | 0.332 | 0.0 | 0.143 | 0.119 | 0.036 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.125 | 0.875 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster9\_2

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.005 | 0.024 | 0.057 | 0.013 | 0.39 | 0.0 | 0.412 | 0.035 | 0.028 | 0.025 | 0.01 |
| bII | 0.375 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.0 | 0.375 | 0.125 | 0.0 | 0.0 | 0.0 |
| II | 0.329 | 0.079 | 0.0 | 0.035 | 0.066 | 0.202 | 0.013 | 0.127 | 0.053 | 0.053 | 0.044 | 0.0 |
| bIII | 0.125 | 0.036 | 0.054 | 0.0 | 0.0 | 0.475 | 0.0 | 0.119 | 0.054 | 0.0 | 0.138 | 0.0 |
| III | 0.11 | 0.0 | 0.027 | 0.133 | 0.0 | 0.333 | 0.0 | 0.13 | 0.0 | 0.267 | 0.0 | 0.0 |
| IV | 0.763 | 0.0 | 0.025 | 0.027 | 0.004 | 0.0 | 0.006 | 0.084 | 0.04 | 0.017 | 0.034 | 0.0 |
| bV | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.899 | 0.0 | 0.011 | 0.002 | 0.009 | 0.04 | 0.002 | 0.0 | 0.016 | 0.009 | 0.011 | 0.002 |
| bVI | 0.156 | 0.042 | 0.0 | 0.037 | 0.0 | 0.111 | 0.0 | 0.376 | 0.0 | 0.0 | 0.257 | 0.021 |
| VI | 0.347 | 0.0 | 0.097 | 0.0 | 0.083 | 0.09 | 0.0 | 0.236 | 0.062 | 0.0 | 0.042 | 0.042 |
| bVII | 0.233 | 0.0 | 0.0 | 0.075 | 0.0 | 0.325 | 0.0 | 0.269 | 0.055 | 0.044 | 0.0 | 0.0 |
| VII | 0.75 | 0.0 | 0.0 | 0.0 | 0.111 | 0.0 | 0.0 | 0.0 | 0.0 | 0.139 | 0.0 | 0.0 |

cluster9\_3

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.012 | 0.018 | 0.085 | 0.0 | 0.133 | 0.0 | 0.061 | 0.3 | 0.013 | 0.378 | 0.001 |
| bII | 0.469 | 0.0 | 0.0 | 0.094 | 0.094 | 0.125 | 0.0 | 0.094 | 0.031 | 0.0 | 0.094 | 0.0 |
| II | 0.057 | 0.143 | 0.0 | 0.086 | 0.0 | 0.286 | 0.0 | 0.0 | 0.143 | 0.143 | 0.143 | 0.0 |
| bIII | 0.079 | 0.052 | 0.052 | 0.0 | 0.0 | 0.159 | 0.0 | 0.041 | 0.142 | 0.007 | 0.467 | 0.0 |
| III | 0.0 | 0.125 | 0.0 | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.125 |
| IV | 0.236 | 0.013 | 0.014 | 0.072 | 0.0 | 0.0 | 0.0 | 0.205 | 0.141 | 0.0 | 0.318 | 0.0 |
| bV | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.25 | 0.0 | 0.25 | 0.0 |
| V | 0.486 | 0.0 | 0.0 | 0.011 | 0.0 | 0.157 | 0.0 | 0.0 | 0.202 | 0.073 | 0.071 | 0.0 |
| bVI | 0.188 | 0.003 | 0.0 | 0.074 | 0.009 | 0.027 | 0.02 | 0.162 | 0.0 | 0.004 | 0.513 | 0.0 |
| VI | 0.227 | 0.0 | 0.073 | 0.0 | 0.182 | 0.091 | 0.0 | 0.291 | 0.045 | 0.0 | 0.091 | 0.0 |
| bVII | 0.708 | 0.004 | 0.0 | 0.084 | 0.0 | 0.045 | 0.0 | 0.036 | 0.115 | 0.008 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 |

cluster9\_4

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.016 | 0.124 | 0.016 | 0.554 | 0.002 | 0.044 | 0.037 | 0.032 | 0.174 | 0.002 |
| bII | 0.333 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.2 | 0.0 | 0.133 | 0.0 | 0.0 | 0.0 |
| II | 0.259 | 0.083 | 0.0 | 0.0 | 0.083 | 0.22 | 0.0 | 0.063 | 0.0 | 0.292 | 0.0 | 0.0 |
| bIII | 0.31 | 0.04 | 0.04 | 0.0 | 0.0 | 0.37 | 0.0 | 0.01 | 0.19 | 0.0 | 0.0 | 0.04 |
| III | 0.036 | 0.0 | 0.143 | 0.0 | 0.0 | 0.036 | 0.0 | 0.25 | 0.0 | 0.5 | 0.036 | 0.0 |
| IV | 0.845 | 0.0 | 0.001 | 0.071 | 0.0 | 0.0 | 0.004 | 0.019 | 0.004 | 0.021 | 0.034 | 0.0 |
| bV | 0.167 | 0.083 | 0.0 | 0.042 | 0.0 | 0.5 | 0.0 | 0.0 | 0.042 | 0.0 | 0.167 | 0.0 |
| V | 0.162 | 0.016 | 0.065 | 0.065 | 0.097 | 0.054 | 0.129 | 0.0 | 0.103 | 0.133 | 0.177 | 0.0 |
| bVI | 0.339 | 0.05 | 0.0 | 0.1 | 0.0 | 0.2 | 0.011 | 0.067 | 0.0 | 0.1 | 0.133 | 0.0 |
| VI | 0.265 | 0.0 | 0.193 | 0.0 | 0.08 | 0.32 | 0.024 | 0.06 | 0.0 | 0.0 | 0.035 | 0.024 |
| bVII | 0.147 | 0.0 | 0.0 | 0.045 | 0.0 | 0.742 | 0.0 | 0.01 | 0.015 | 0.01 | 0.0 | 0.03 |
| VII | 0.25 | 0.0 | 0.0 | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 0.0 |

cluster9\_5

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.009 | 0.1 | 0.031 | 0.068 | 0.326 | 0.013 | 0.11 | 0.002 | 0.286 | 0.033 | 0.021 |
| bII | 0.375 | 0.0 | 0.375 | 0.062 | 0.0 | 0.0 | 0.062 | 0.062 | 0.0 | 0.0 | 0.0 | 0.062 |
| II | 0.066 | 0.021 | 0.0 | 0.0 | 0.029 | 0.057 | 0.0 | 0.751 | 0.008 | 0.029 | 0.036 | 0.004 |
| bIII | 0.05 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.275 | 0.375 | 0.0 | 0.0 | 0.0 |
| III | 0.007 | 0.027 | 0.057 | 0.041 | 0.0 | 0.12 | 0.0 | 0.046 | 0.0 | 0.689 | 0.014 | 0.0 |
| IV | 0.455 | 0.0 | 0.059 | 0.0 | 0.064 | 0.0 | 0.011 | 0.291 | 0.004 | 0.063 | 0.046 | 0.008 |
| bV | 0.125 | 0.0 | 0.125 | 0.0 | 0.125 | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.125 |
| V | 0.727 | 0.0 | 0.039 | 0.004 | 0.055 | 0.096 | 0.004 | 0.0 | 0.0 | 0.065 | 0.007 | 0.002 |
| bVI | 0.167 | 0.25 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.083 |
| VI | 0.02 | 0.0 | 0.792 | 0.0 | 0.039 | 0.071 | 0.0 | 0.067 | 0.0 | 0.0 | 0.0 | 0.011 |
| bVII | 0.156 | 0.0 | 0.028 | 0.0 | 0.111 | 0.061 | 0.0 | 0.361 | 0.0 | 0.25 | 0.0 | 0.033 |
| VII | 0.095 | 0.095 | 0.095 | 0.0 | 0.683 | 0.032 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster9\_6

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.024 | 0.383 | 0.035 | 0.081 | 0.16 | 0.005 | 0.155 | 0.008 | 0.1 | 0.036 | 0.014 |
| bII | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.167 | 0.0 | 0.167 | 0.0 | 0.167 | 0.0 |
| II | 0.651 | 0.005 | 0.0 | 0.008 | 0.117 | 0.074 | 0.0 | 0.075 | 0.0 | 0.058 | 0.011 | 0.0 |
| bIII | 0.125 | 0.0 | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 0.125 | 0.0 | 0.125 | 0.125 | 0.0 |
| III | 0.065 | 0.014 | 0.27 | 0.028 | 0.0 | 0.227 | 0.0 | 0.116 | 0.0 | 0.266 | 0.0 | 0.014 |
| IV | 0.362 | 0.0 | 0.193 | 0.0 | 0.225 | 0.0 | 0.031 | 0.076 | 0.006 | 0.071 | 0.037 | 0.0 |
| bV | 0.0 | 0.111 | 0.167 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.139 | 0.0 | 0.0 | 0.25 |
| V | 0.348 | 0.0 | 0.113 | 0.0 | 0.208 | 0.109 | 0.007 | 0.0 | 0.033 | 0.135 | 0.048 | 0.0 |
| bVI | 0.214 | 0.048 | 0.0 | 0.071 | 0.0 | 0.095 | 0.095 | 0.19 | 0.0 | 0.143 | 0.143 | 0.0 |
| VI | 0.143 | 0.0 | 0.326 | 0.0 | 0.15 | 0.163 | 0.0 | 0.148 | 0.012 | 0.0 | 0.052 | 0.006 |
| bVII | 0.173 | 0.0 | 0.071 | 0.0 | 0.0 | 0.333 | 0.0 | 0.136 | 0.214 | 0.071 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.1 | 0.0 | 0.5 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 |

cluster9\_7

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.046 | 0.003 | 0.044 | 0.202 | 0.003 | 0.155 | 0.007 | 0.529 | 0.01 | 0.0 |
| bII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| II | 0.25 | 0.0 | 0.0 | 0.0 | 0.063 | 0.12 | 0.0 | 0.41 | 0.0 | 0.027 | 0.11 | 0.02 |
| bIII | 0.2 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.0 | 0.067 | 0.2 | 0.0 | 0.133 | 0.0 |
| III | 0.036 | 0.0 | 0.083 | 0.0 | 0.0 | 0.41 | 0.0 | 0.102 | 0.0 | 0.362 | 0.007 | 0.0 |
| IV | 0.175 | 0.0 | 0.043 | 0.006 | 0.054 | 0.0 | 0.007 | 0.642 | 0.018 | 0.024 | 0.031 | 0.0 |
| bV | 0.667 | 0.0 | 0.0 | 0.0 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.766 | 0.0 | 0.031 | 0.002 | 0.03 | 0.069 | 0.0 | 0.0 | 0.006 | 0.089 | 0.005 | 0.0 |
| bVI | 0.364 | 0.0 | 0.0 | 0.182 | 0.0 | 0.091 | 0.0 | 0.25 | 0.0 | 0.091 | 0.023 | 0.0 |
| VI | 0.107 | 0.0 | 0.025 | 0.0 | 0.039 | 0.803 | 0.0 | 0.016 | 0.007 | 0.0 | 0.002 | 0.0 |
| bVII | 0.469 | 0.0 | 0.0 | 0.028 | 0.0 | 0.278 | 0.0 | 0.125 | 0.008 | 0.083 | 0.0 | 0.008 |
| VII | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster9\_8

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.0 | 0.007 | 0.009 | 0.031 | 0.412 | 0.0 | 0.428 | 0.011 | 0.03 | 0.07 | 0.002 |
| bII | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.667 | 0.0 | 0.333 | 0.0 | 0.0 | 0.0 |
| II | 0.218 | 0.0 | 0.0 | 0.0 | 0.148 | 0.426 | 0.0 | 0.111 | 0.0 | 0.097 | 0.0 | 0.0 |
| bIII | 0.458 | 0.0 | 0.0 | 0.0 | 0.0 | 0.542 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| III | 0.147 | 0.0 | 0.294 | 0.0 | 0.0 | 0.397 | 0.0 | 0.069 | 0.0 | 0.093 | 0.0 | 0.0 |
| IV | 0.771 | 0.0 | 0.017 | 0.003 | 0.022 | 0.0 | 0.005 | 0.122 | 0.011 | 0.031 | 0.018 | 0.0 |
| bV | 0.667 | 0.333 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| V | 0.1 | 0.0 | 0.024 | 0.004 | 0.002 | 0.8 | 0.003 | 0.0 | 0.0 | 0.049 | 0.017 | 0.0 |
| bVI | 0.15 | 0.0 | 0.0 | 0.2 | 0.0 | 0.1 | 0.2 | 0.2 | 0.0 | 0.15 | 0.0 | 0.0 |
| VI | 0.163 | 0.0 | 0.086 | 0.0 | 0.161 | 0.242 | 0.0 | 0.255 | 0.037 | 0.0 | 0.056 | 0.0 |
| bVII | 0.395 | 0.0 | 0.031 | 0.0 | 0.0 | 0.39 | 0.0 | 0.101 | 0.083 | 0.0 | 0.0 | 0.0 |
| VII | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

cluster9\_9

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | bII | II | bIII | III | IV | bV | V | bVI | VI | bVII | VII |
| I | 0.0 | 0.001 | 0.22 | 0.01 | 0.017 | 0.323 | 0.001 | 0.29 | 0.005 | 0.057 | 0.069 | 0.009 |
| bII | 0.75 | 0.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| II | 0.006 | 0.0 | 0.0 | 0.0 | 0.007 | 0.006 | 0.0 | 0.956 | 0.007 | 0.002 | 0.014 | 0.003 |
| bIII | 0.1 | 0.1 | 0.3 | 0.0 | 0.0 | 0.25 | 0.0 | 0.15 | 0.0 | 0.0 | 0.1 | 0.0 |
| III | 0.074 | 0.0 | 0.297 | 0.0 | 0.0 | 0.382 | 0.059 | 0.088 | 0.0 | 0.071 | 0.0 | 0.029 |
| IV | 0.406 | 0.0 | 0.2 | 0.044 | 0.061 | 0.0 | 0.012 | 0.225 | 0.003 | 0.018 | 0.03 | 0.0 |
| bV | 0.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.125 | 0.0 | 0.0 | 0.125 |
| V | 0.679 | 0.002 | 0.124 | 0.0 | 0.004 | 0.107 | 0.0 | 0.0 | 0.024 | 0.042 | 0.017 | 0.003 |
| bVI | 0.2 | 0.0 | 0.0 | 0.15 | 0.0 | 0.15 | 0.0 | 0.3 | 0.0 | 0.1 | 0.1 | 0.0 |
| VI | 0.437 | 0.05 | 0.079 | 0.0 | 0.152 | 0.025 | 0.0 | 0.207 | 0.0 | 0.0 | 0.05 | 0.0 |
| bVII | 0.33 | 0.0 | 0.0 | 0.026 | 0.0 | 0.42 | 0.0 | 0.037 | 0.109 | 0.079 | 0.0 | 0.0 |
| VII | 0.25 | 0.0 | 0.0 | 0.0 | 0.625 | 0.0 | 0.125 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |