**Table 2**: Item characteristics under 2pl model

|  |  |  |
| --- | --- | --- |
| **Entry** | **Discrimination** | **Difficulty** |
| scored.Itm\_1 | 1.604 | -0.741 |
| scored.Itm\_2 | 1.112 | -0.348 |
| scored.Itm\_3 | 0.801 | 0.269 |
| scored.Itm\_4 | 0.923 | 0.495 |
| scored.Itm\_5 | 1.153 | 0.166 |
| scored.Itm\_6 | 1.082 | 1.193 |
| scored.Itm\_8 | 0.452 | 1.908 |
| scored.Itm\_9 | 0.703 | 2.493 |
| scored.Itm\_10 | 0.597 | 1.891 |
| scored.Itm\_12 | 0.659 | 0.183 |
| scored.Itm\_13 | 0.897 | 0.600 |
| scored.Itm\_14 | 0.421 | 0.325 |
| scored.Itm\_15 | 0.087 | -2.113 |
| scored.Itm\_16 | 0.579 | 1.049 |
| scored.Itm\_17 | 0.860 | 0.472 |
| scored.Itm\_18 | 0.771 | 0.613 |
| scored.Itm\_19 | 0.181 | 4.498 |
| scored.Itm\_21 | 0.657 | 1.330 |
| scored.Itm\_22 | 0.932 | 0.805 |
| scored.Itm\_23 | 0.651 | 0.908 |
| scored.Itm\_24 | 0.954 | 1.021 |
| scored.Itm\_25 | 0.638 | 0.949 |
| scored.Itm\_26 | 0.758 | 0.810 |
| scored.Itm\_27 | 0.361 | 1.347 |
| scored.Itm\_28 | 0.734 | 0.211 |
| scored.Itm\_29 | 0.175 | 2.620 |
| scored.Itm\_30 | 1.977 | 0.422 |
| scored.Itm\_32 | 0.417 | 0.867 |
| scored.Itm\_33 | 0.345 | 2.427 |
| scored.Itm\_34 | 0.504 | 0.142 |
| scored.Itm\_35 | 0.394 | 2.037 |
| scored.Itm\_37 | 0.349 | 4.975 |
| scored.Itm\_38 | 0.346 | 2.689 |
| scored.Itm\_39 | 0.336 | 2.540 |
| scored.Itm\_40 | 0.744 | 1.692 |