

Data set	Number of			Mean Score	Q-matrix
	Skills	Items	Students		
Synthetic					
1. Random	7	30	700	0.75	<b>Q</b> <sub>01</sub>
2. POKS	7	20	500	0.50	<b>Q</b> <sub>02</sub>
3. IRT-2pl	5	20	600	0.50	<b>Q</b> <sub>03</sub>
4. IRT-Rasch	5	20	600	0.44	<b>Q</b> <sub>04</sub>
5. DINA	7	28	500	0.31	<b>Q</b> <sub>5</sub>
6. DINO	7	28	500	0.69	<b>Q</b> <sub>6</sub>
Linear (Matrix factorization)					
7. Conj.	8	20	500	0.24	<b>Q</b> <sub>1</sub>
8. Comp.	8	20	500	0.57	<b>Q</b> <sub>1</sub>
Real					
9. Fraction	8	20	536	0.53	<b>Q</b> <sub>1</sub>
10. Vomlel	6	20	149	0.61	<b>Q</b> <sub>4</sub>
11. ECPE	3	28	2922	0.71	<b>Q</b> <sub>3</sub>
Fraction subsets and variants of <b>Q</b> <sub>1</sub>					
12. 1	5	15	536	0.53	<b>Q</b> <sub>10</sub>
13. 2/1	3	11	536	0.51	<b>Q</b> <sub>11</sub>
14. 2/2	5	11	536	0.51	<b>Q</b> <sub>12</sub>
15. 2/3	3	11	536	0.51	<b>Q</b> <sub>13</sub>