

APPENDIX I
ITEM-LEVEL CLASSICAL STATISTICS

Table I-1. Item-Level Classical Test Theory Statistics—ELA Grade 3

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL015503476	SR	63,035	0.60	0.53	0
EL015607246	SR	63,035	0.55	0.48	0
EL015611981	SR	63,035	0.44	0.35	0
EL015628878	SR	63,035	0.56	0.52	0
EL015629502	SR	63,035	0.75	0.48	0
EL015630515	SR	63,035	0.42	0.27	0
EL028131763	SR	63,035	0.69	0.54	0
EL028160220	SR	63,035	0.55	0.43	0
EL028217140	SR	63,035	0.60	0.47	0
EL028217627	SR	63,035	0.67	0.48	0
EL028709466	SR	63,035	0.51	0.38	0
EL028717847	SR	63,035	0.60	0.49	0
EL028823014	SR	63,035	0.61	0.47	0
EL028907379	SR	63,035	0.65	0.52	0
EL028914863	SR	63,035	0.53	0.39	0
EL909469479	SR	63,035	0.74	0.60	0
EL909470939	SR	63,035	0.51	0.43	0
EL909472828	SR	63,035	0.68	0.51	0
EL909473433	SR	63,035	0.60	0.53	0
EL909478450	SR	63,035	0.83	0.53	0
EL909479176	SR	63,035	0.82	0.47	0
EL909480023	SR	63,035	0.61	0.47	0
EL909865165	SR	63,035	0.74	0.55	0
EL909869416	SR	63,035	0.74	0.58	0
EL912636232	SR	63,035	0.73	0.58	0
EL919652746	SR	63,035	0.60	0.62	0
EL019650296	CR	63,035	0.73	0.51	5
EL028215856	CR	63,035	0.51	0.62	0
EL028753268	CR	63,035	0.64	0.66	1
EL028832702	CR	63,035	0.34	0.64	1
EL911945550	CR	63,035	0.70	0.68	0
EL909882556	ES	63,035	0.31	0.73	1

Table I-2. Item-Level Classical Test Theory Statistics—ELA Grade 4

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL006458075	SR	64,378	0.89	0.44	0
EL006549511	SR	64,378	0.62	0.53	0
EL007440160	SR	64,378	0.78	0.43	0
EL007444742	SR	64,378	0.77	0.53	0
EL007446608	SR	64,378	0.73	0.45	0
EL007452066	SR	64,378	0.85	0.50	0
EL009344832	SR	64,378	0.59	0.42	0
EL013314332	SR	64,378	0.52	0.39	0
EL014208236	SR	64,378	0.72	0.53	0
EL024031609	SR	64,378	0.51	0.31	0
EL024132276	SR	64,378	0.74	0.55	0
EL024134327	SR	64,378	0.62	0.58	0
EL024148759	SR	64,378	0.83	0.43	0
EL024437543	SR	64,378	0.50	0.38	0
EL024440140	SR	64,378	0.68	0.40	0
EL024442344	SR	64,378	0.42	0.36	0
EL024455037	SR	64,378	0.66	0.33	0
EL024527106	SR	64,378	0.58	0.33	0
EL024532504	SR	64,378	0.38	0.28	0

continued

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL029280667	SR	64,378	0.57	0.46	0
EL029415206	SR	64,378	0.63	0.46	0
EL029417376	SR	64,378	0.66	0.51	0
EL029429384	SR	64,378	0.48	0.36	0
EL030430678	SR	64,378	0.59	0.48	0
EL030741768	SR	64,378	0.60	0.50	0
EL033943069	SR	64,378	0.70	0.50	0
EL007464016	CR	64,378	0.71	0.42	0
EL009343264	CR	64,378	0.59	0.65	0
EL024480931	CR	64,378	0.53	0.57	0
EL024539092	CR	64,378	0.50	0.62	0
EL029323184	CR	64,378	0.47	0.55	0
EL007459900	ES	64,378	0.35	0.69	1

Table I-3. Item-Level Classical Test Theory Statistics—ELA Grade 5

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL029961019	SR	64,576	0.74	0.46	0
EL029974201	SR	64,576	0.69	0.57	0
EL029980757	SR	64,576	0.58	0.44	0
EL030062229	SR	64,576	0.76	0.51	0
EL030080040	SR	64,576	0.74	0.49	0
EL030171711	SR	64,576	0.69	0.49	0
EL030337822	SR	64,576	0.38	0.27	0
EL030483081	SR	64,576	0.81	0.51	0
EL030659380	SR	64,576	0.40	0.35	0
EL033541180	SR	64,576	0.86	0.46	0
EL033604260	SR	64,576	0.80	0.54	0
EL033665287	SR	64,576	0.57	0.35	0
EL033679189	SR	64,576	0.61	0.50	0
EL033800505	SR	64,576	0.51	0.30	0
EL033843854	SR	64,576	0.47	0.35	0
EL624175088	SR	64,576	0.79	0.52	0
EL624176741	SR	64,576	0.49	0.36	0
EL624177026	SR	64,576	0.77	0.27	0
EL624178677	SR	64,576	0.67	0.36	0
EL624179162	SR	64,576	0.82	0.51	0
EL624179855	SR	64,576	0.71	0.44	0
EL624180347	SR	64,576	0.74	0.40	0
EL624180539	SR	64,576	0.78	0.46	0
EL627148548	SR	64,576	0.69	0.53	0
EL029964018	CR	64,576	0.60	0.54	0
EL030463527	CR	64,576	0.64	0.64	0
EL033646585	CR	64,576	0.66	0.69	0
EL624176168	CR	64,576	0.85	0.62	0
EL624177447	CR	64,576	0.68	0.56	0
EL030400392	ES	64,576	0.32	0.74	1
EL624182427	ES	64,576	0.45	0.75	0

Table I-4. Item-Level Classical Test Theory Statistics—ELA Grade 6

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL006639933	SR	65,538	0.53	0.44	0
EL006738734	SR	65,538	0.48	0.42	0
EL006742548	SR	65,538	0.34	0.34	0
EL007074213	SR	65,538	0.80	0.45	0
EL007074445	SR	65,538	0.67	0.47	0
EL007075911	SR	65,538	0.74	0.56	0
EL007076177	SR	65,538	0.72	0.39	0
EL007077078	SR	65,538	0.77	0.52	0
EL007077860	SR	65,538	0.59	0.43	0
EL007078526	SR	65,538	0.70	0.48	0
EL008281454	SR	65,538	0.54	0.28	0
EL008445593	SR	65,538	0.68	0.52	0
EL009514238	SR	65,538	0.62	0.48	0
EL009564267	SR	65,538	0.51	0.39	0
EL009978066	SR	65,538	0.65	0.51	0
EL806979864	SR	65,538	0.72	0.51	0
EL807001596	SR	65,538	0.64	0.40	0
EL807002174	SR	65,538	0.70	0.38	0
EL807009150	SR	65,538	0.72	0.38	0
EL807010236	SR	65,538	0.45	0.39	0
EL807011414	SR	65,538	0.59	0.39	0
EL807011890	SR	65,538	0.66	0.42	0
EL807061702	SR	65,538	0.67	0.26	0
EL808245411	SR	65,538	0.70	0.42	0
EL008181021	CR	65,538	0.68	0.59	0
EL008355	CR	65,538	0.68	0.67	0
EL009438210	CR	65,538	0.48	0.43	0
EL807062301	CR	65,538	0.46	0.53	0
EL808246461	CR	65,538	0.60	0.36	0
EL007051004	ES	65,538	0.38	0.80	1
EL807016586	ES	65,538	0.40	0.80	1

Table I-5. Item-Level Classical Test Theory Statistics—ELA Grade 7

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL006357067	SR	65,593	0.71	0.48	0
EL006439224	SR	65,593	0.52	0.33	0
EL006446884	SR	65,593	0.50	0.43	0
EL006454205	SR	65,593	0.77	0.50	0
EL006537445	SR	65,593	0.53	0.37	0
EL006544709	SR	65,593	0.40	0.37	0
EL006545529	SR	65,593	0.57	0.40	0
EL006546235	SR	65,593	0.65	0.41	0
EL006560393	SR	65,593	0.56	0.40	0
EL006640130	SR	65,593	0.56	0.48	0
EL006977006	SR	65,593	0.64	0.45	0
EL011362473	SR	65,593	0.83	0.41	0
EL011363661	SR	65,593	0.71	0.45	0
EL016833358	SR	65,593	0.59	0.47	0
EL113429887	SR	65,593	0.73	0.50	0
EL713378067	SR	65,593	0.73	0.37	0
EL713476504	SR	65,593	0.48	0.36	0
EL713479099	SR	65,593	0.61	0.48	0
EL713479631	SR	65,593	0.76	0.47	0
EL713480064	SR	65,593	0.60	0.42	0
EL713480958	SR	65,593	0.70	0.44	0

continued

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL713481518	SR	65,593	0.63	0.50	0
EL723632935	SR	65,593	0.58	0.40	0
EL730170770	SR	65,593	0.78	0.52	0
EL006978834	CR	65,593	0.52	0.50	0
EL011353608	CR	65,593	0.41	0.47	0
EL017655451	CR	65,593	0.71	0.62	0
EL713370326	CR	65,593	0.64	0.47	0
EL713475622	CR	65,593	0.49	0.59	0
EL006653237	ES	65,593	0.43	0.78	1
EL713375305	ES	65,593	0.38	0.80	1

Table I-6. Item-Level Classical Test Theory Statistics—ELA Grade 8

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL006655733	SR	67,370	0.54	0.51	0
EL007061131	SR	67,370	0.76	0.37	0
EL007061194	SR	67,370	0.70	0.46	0
EL007061650	SR	67,370	0.73	0.25	0
EL007062053	SR	67,370	0.62	0.44	0
EL007253045	SR	67,370	0.74	0.57	0
EL007256618	SR	67,370	0.71	0.46	0
EL007257202	SR	67,370	0.69	0.24	0
EL007257390	SR	67,370	0.64	0.43	0
EL007335795	SR	67,370	0.67	0.43	0
EL007335808	SR	67,370	0.57	0.48	0
EL007350397	SR	67,370	0.56	0.43	0
EL007353056	SR	67,370	0.51	0.43	0
EL008544460	SR	67,370	0.62	0.46	0
EL009149967	SR	67,370	0.78	0.42	0
EL009246409	SR	67,370	0.76	0.49	0
EL009308236	SR	67,370	0.81	0.58	0
EL009308819	SR	67,370	0.55	0.36	0
EL009343097	SR	67,370	0.85	0.35	0
EL009737508	SR	67,370	0.59	0.43	0
EL016259168	SR	67,370	0.78	0.54	0
EL016259978	SR	67,370	0.61	0.35	0
EL016352526	SR	67,370	0.58	0.23	0
EL022460231	SR	67,370	0.72	0.55	0
EL006653570	CR	67,370	0.62	0.39	0
EL007062608	CR	67,370	0.75	0.43	0
EL007243506	CR	67,370	0.57	0.62	0
EL008553781	CR	67,370	0.71	0.48	0
EL009257746	CR	67,370	0.60	0.49	0
EL007062902	ES	67,370	0.51	0.80	1
EL007253494	ES	67,370	0.45	0.83	1

Table I-7. Item-Level Classical Test Theory Statistics—ELA Grade 10

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL108655218	SR	70,046	0.75	0.38	0
EL108735624	SR	70,046	0.67	0.39	0
EL108748372	SR	70,046	0.85	0.57	0
EL108755819	SR	70,046	0.76	0.49	0
EL108759765	SR	70,046	0.64	0.42	0
EL108762851	SR	70,046	0.74	0.52	0
EL110674270	SR	70,046	0.82	0.57	0
EL111645342	SR	70,046	0.88	0.48	0
EL111647089	SR	70,046	0.81	0.46	0
EL111666619	SR	70,046	0.73	0.48	0
EL111730630	SR	70,046	0.83	0.43	0
EL117657201	SR	70,046	0.82	0.51	0
EL910037105	SR	70,046	0.75	0.39	0
EL910038096	SR	70,046	0.82	0.43	0
EL910182760	SR	70,046	0.60	0.23	0
EL910186190	SR	70,046	0.79	0.44	0
EL910752412	SR	70,046	0.81	0.53	0
EL910856535	SR	70,046	0.65	0.44	0
EL910859790	SR	70,046	0.57	0.54	0
EL915848124	SR	70,046	0.67	0.40	0
EL915856523	SR	70,046	0.66	0.34	0
EL108640648	CR	70,046	0.70	0.55	1
EL108650704	CR	70,046	0.60	0.56	0
EL111540952	CR	70,046	0.76	0.63	1
EL111562949	CR	70,046	0.64	0.52	0
EL910161517	CR	70,046	0.71	0.54	0
EL910748365	CR	70,046	0.51	0.52	0
EL910841373	CR	70,046	0.53	0.51	0
EL108631124	ES	70,046	0.63	0.82	1
EL910055845	ES	70,046	0.60	0.81	1

Table I-8. Item-Level Classical Test Theory Statistics—Mathematics Grade 3

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA001049099	SR	64,537	0.47	0.34	0
MA001056175	SR	64,537	0.45	0.55	0
MA001137862	SR	64,537	0.65	0.55	0
MA001633319	SR	64,537	0.57	0.50	0
MA202994	SR	64,537	0.73	0.52	0
MA207001	SR	64,537	0.69	0.56	0
MA212474	SR	64,537	0.72	0.60	0
MA227232	SR	64,537	0.63	0.58	0
MA227485	SR	64,537	0.39	0.45	0
MA253641	SR	64,537	0.72	0.56	0
MA260962	SR	64,537	0.59	0.46	0
MA297500	SR	64,537	0.52	0.45	0
MA306285	SR	64,537	0.56	0.51	0
MA310870	SR	64,537	0.56	0.40	0
MA310880	SR	64,537	0.41	0.30	0
MA900372676	SR	64,537	0.51	0.49	0
MA000749172	CR	64,537	0.60	0.64	0
MA001038775	CR	64,537	0.74	0.48	0
MA001047582	CR	64,537	0.73	0.58	0
MA001335228	CR	64,537	0.49	0.64	1
MA001338241	CR	64,537	0.71	0.53	0
MA001344527	CR	64,537	0.73	0.28	0

continued

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA001439533	CR	64,537	0.69	0.54	0
MA253711A	CR	64,537	0.42	0.78	0
MA286750A	CR	64,537	0.49	0.77	0
MA293460A	CR	64,537	0.49	0.77	1
MA309747	CR	64,537	0.52	0.69	0
MA310884	CR	64,537	0.57	0.64	0
MA310889	CR	64,537	0.69	0.58	0
MA310899A	CR	64,537	0.46	0.75	1
MA703056978	CR	64,537	0.53	0.61	1
MA703078093	CR	64,537	0.79	0.59	0
MA713536927	CR	64,537	0.67	0.54	0
MA734752477	CR	64,537	0.70	0.54	0
MA735663821	CR	64,537	0.42	0.58	0
MA735736004A	CR	64,537	0.53	0.59	0
MA735756531	CR	64,537	0.36	0.60	0
MA735954511	CR	64,537	0.46	0.63	0
MA900425126	CR	64,537	0.44	0.54	1
MA935136577	CR	64,537	0.64	0.55	0

Table I-9. Item-Level Classical Test Theory Statistics—Mathematics Grade 4

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA001750121	SR	65,833	0.59	0.52	0
MA002034926	SR	65,833	0.72	0.49	0
MA002135528	SR	65,833	0.51	0.40	0
MA002139080	SR	65,833	0.50	0.30	0
MA002140372	SR	65,833	0.72	0.46	0
MA003747173	SR	65,833	0.52	0.37	0
MA247691	SR	65,833	0.84	0.47	0
MA247705	SR	65,833	0.52	0.48	0
MA279759	SR	65,833	0.67	0.55	0
MA297614	SR	65,833	0.66	0.41	0
MA301798	SR	65,833	0.64	0.49	0
MA303324	SR	65,833	0.51	0.63	0
MA306990	SR	65,833	0.41	0.35	0
MA307060	SR	65,833	0.58	0.41	0
MA307067	SR	65,833	0.70	0.63	0
MA307075	SR	65,833	0.87	0.48	0
MA311543	SR	65,833	0.67	0.51	0
MA803747806	SR	65,833	0.63	0.57	0
MA903571693	SR	65,833	0.47	0.63	0
MA903776098	SR	65,833	0.40	0.44	0
MA000732007	CR	65,833	0.51	0.55	0
MA001851276	CR	65,833	0.63	0.59	0
MA002128911	CR	65,833	0.63	0.58	0
MA002145158	CR	65,833	0.74	0.45	0
MA002334462	CR	65,833	0.59	0.62	1
MA003540652	CR	65,833	0.76	0.59	0
MA003744055	CR	65,833	0.62	0.73	1
MA293812	CR	65,833	0.39	0.73	0
MA303335	CR	65,833	0.48	0.74	0
MA307317	CR	65,833	0.47	0.75	0
MA311567	CR	65,833	0.57	0.62	0
MA311568	CR	65,833	0.64	0.55	0
MA704653374	CR	65,833	0.64	0.58	0
MA713677363	CR	65,833	0.70	0.59	0
MA736377105	CR	65,833	0.53	0.64	1
MA800727128	CR	65,833	0.44	0.57	0

continued

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA801035466	CR	65,833	0.46	0.75	0
MA803956738	CR	65,833	0.63	0.62	0
MA900756471	CR	65,833	0.56	0.64	0
MA900846441	CR	65,833	0.36	0.57	0

Table I-10. Item-Level Classical Test Theory Statistics—Mathematics Grade 5

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA000846578	SR	66,009	0.58	0.48	0
MA000859040	SR	66,009	0.70	0.38	0
MA000927731	SR	66,009	0.43	0.59	0
MA000937699	SR	66,009	0.38	0.36	0
MA000953421	SR	66,009	0.66	0.56	0
MA000957282	SR	66,009	0.60	0.57	0
MA297992	SR	66,009	0.59	0.46	0
MA301157	SR	66,009	0.65	0.36	0
MA301169	SR	66,009	0.33	0.46	0
MA301602	SR	66,009	0.74	0.52	0
MA301830	SR	66,009	0.54	0.38	0
MA306408	SR	66,009	0.36	0.37	0
MA306458	SR	66,009	0.40	0.53	0
MA800650803	SR	66,009	0.36	0.43	0
MA800651876	SR	66,009	0.47	0.62	0
MA804073907	SR	66,009	0.38	0.41	0
MA900727061	SR	66,009	0.58	0.39	0
MA900982012	SR	66,009	0.59	0.30	0
MA000846693	CR	66,009	0.42	0.60	0
MA000938134	CR	66,009	0.65	0.49	0
MA000955730	CR	66,009	0.53	0.56	0
MA000965213	CR	66,009	0.43	0.56	0
MA001042212	CR	66,009	0.48	0.48	0
MA001066377	CR	66,009	0.64	0.62	0
MA001142456	CR	66,009	0.57	0.46	0
MA002343629	CR	66,009	0.44	0.76	0
MA002837526	CR	66,009	0.65	0.55	0
MA005852277	CR	66,009	0.47	0.66	0
MA006336846	CR	66,009	0.60	0.44	0
MA298032	CR	66,009	0.34	0.57	0
MA704359624	CR	66,009	0.72	0.33	0
MA800975677	CR	66,009	0.51	0.61	0
MA801235389	CR	66,009	0.61	0.53	0
MA801646735	CR	66,009	0.70	0.60	1
MA802371654	CR	66,009	0.51	0.79	0
MA804073329	CR	66,009	0.39	0.58	0
MA903746975	CR	66,009	0.58	0.77	0
MA904453014	CR	66,009	0.60	0.54	0
MA908434516	CR	66,009	0.44	0.56	0
MA935150419	CR	66,009	0.50	0.60	0

Table I-11. Item-Level Classical Test Theory Statistics—Mathematics Grade 6

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA001264865	SR	66,888	0.49	0.54	0
MA001529070	SR	66,888	0.56	0.48	0
MA001585164	SR	66,888	0.64	0.46	0
MA002536621	SR	66,888	0.45	0.22	0
MA002538062	SR	66,888	0.79	0.45	0
MA005664640	SR	66,888	0.43	0.50	0
MA282127	SR	66,888	0.42	0.50	0
MA296382	SR	66,888	0.49	0.35	0
MA307338	SR	66,888	0.64	0.53	0
MA307340	SR	66,888	0.41	0.43	0
MA307363	SR	66,888	0.80	0.35	0
MA736509125	SR	66,888	0.65	0.49	0
MA805101277	SR	66,888	0.40	0.23	0
MA805104566	SR	66,888	0.45	0.50	0
MA805111429	SR	66,888	0.58	0.37	0
MA900283487	SR	66,888	0.58	0.60	0
MA001549477	CR	66,888	0.66	0.51	0
MA001554177	CR	66,888	0.53	0.49	0
MA001577731	CR	66,888	0.57	0.58	1
MA001604473	CR	66,888	0.35	0.63	0
MA003477341	CR	66,888	0.45	0.61	0
MA003861140	CR	66,888	0.50	0.52	0
MA223217	CR	66,888	0.50	0.58	0
MA290253	CR	66,888	0.37	0.82	1
MA298252	CR	66,888	0.32	0.80	1
MA299673	CR	66,888	0.60	0.60	0
MA307362	CR	66,888	0.69	0.60	0
MA624248796	CR	66,888	0.54	0.50	0
MA703149512	CR	66,888	0.63	0.50	0
MA736063629	CR	66,888	0.40	0.57	1
MA736368137	CR	66,888	0.60	0.61	0
MA736452404	CR	66,888	0.38	0.49	0
MA800203270	CR	66,888	0.33	0.76	0
MA800301627	CR	66,888	0.46	0.84	1
MA800385560	CR	66,888	0.57	0.62	0
MA805109765	CR	66,888	0.46	0.42	1
MA805280170	CR	66,888	0.63	0.54	0
MA900378821	CR	66,888	0.44	0.76	0
MA900578720	CR	66,888	0.45	0.66	0
MA902758854	CR	66,888	0.65	0.40	0

Table I-12. Item-Level Classical Test Theory Statistics—Mathematics Grade 7

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA000971342	SR	66,891	0.54	0.57	0
MA005170212	SR	66,891	0.61	0.40	0
MA005207399	SR	66,891	0.55	0.52	0
MA219417	SR	66,891	0.40	0.57	0
MA259175	SR	66,891	0.59	0.29	0
MA272764	SR	66,891	0.57	0.30	0
MA282221	SR	66,891	0.37	0.40	0
MA298072	SR	66,891	0.38	0.55	0
MA304467	SR	66,891	0.59	0.57	0
MA306626	SR	66,891	0.51	0.27	0
MA306627	SR	66,891	0.40	0.55	0
MA311074	SR	66,891	0.37	0.35	0
MA900336138	SR	66,891	0.34	0.55	0
MA900557823	SR	66,891	0.55	0.45	0
MA903983773	SR	66,891	0.35	0.40	0
MA904000450	SR	66,891	0.39	0.33	0
MA904169987	SR	66,891	0.39	0.43	0
MA001678587	CR	66,891	0.42	0.56	0
MA001702061	CR	66,891	0.75	0.54	0
MA001759197	CR	66,891	0.63	0.42	0
MA002046543	CR	66,891	0.36	0.61	1
MA002119133	CR	66,891	0.47	0.84	1
MA005077116	CR	66,891	0.42	0.53	0
MA261648	CR	66,891	0.37	0.83	1
MA302328	CR	66,891	0.43	0.63	0
MA311092	CR	66,891	0.31	0.72	1
MA624562376	CR	66,891	0.44	0.53	0
MA713848056	CR	66,891	0.36	0.61	0
MA713848251	CR	66,891	0.39	0.50	0
MA713848348	CR	66,891	0.41	0.62	1
MA713849125	CR	66,891	0.52	0.62	0
MA713849162	CR	66,891	0.37	0.58	0
MA717248260	CR	66,891	0.37	0.79	1
MA802907874	CR	66,891	0.31	0.82	2
MA804676692	CR	66,891	0.28	0.70	0
MA900567252	CR	66,891	0.35	0.60	1
MA900739359	CR	66,891	0.48	0.64	0
MA900743031	CR	66,891	0.37	0.60	2
MA900749529	CR	66,891	0.47	0.58	0
MA900765087	CR	66,891	0.61	0.69	0

Table I-13. Item-Level Classical Test Theory Statistics—Mathematics Grade 8

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA001736920	SR	68,553	0.59	0.46	0
MA001865159	SR	68,553	0.46	0.57	0
MA002180558	SR	68,553	0.59	0.55	0
MA002181298	SR	68,553	0.59	0.53	0
MA003932801	SR	68,553	0.63	0.55	0
MA252991	SR	68,553	0.72	0.26	0
MA287538	SR	68,553	0.70	0.44	0
MA297517	SR	68,553	0.49	0.31	0
MA298198	SR	68,553	0.40	0.41	0
MA303244	SR	68,553	0.37	0.34	0
MA307585	SR	68,553	0.73	0.48	0
MA307586	SR	68,553	0.50	0.48	0
MA804535837	SR	68,553	0.53	0.37	0
MA901143033	SR	68,553	0.54	0.47	0
MA908446890	SR	68,553	0.70	0.48	0
MA908450808	SR	68,553	0.45	0.57	0
MA001737758	CR	68,553	0.51	0.58	1
MA001737991	CR	68,553	0.48	0.34	0
MA002177981	CR	68,553	0.58	0.57	0
MA002243883	CR	68,553	0.65	0.62	0
MA003128642	CR	68,553	0.47	0.50	0
MA003936639	CR	68,553	0.57	0.64	0
MA010701848	CR	68,553	0.69	0.70	1
MA297651	CR	68,553	0.47	0.60	0
MA301714	CR	68,553	0.32	0.83	3
MA307492	CR	68,553	0.64	0.61	0
MA311433	CR	68,553	0.36	0.81	2
MA715919661	CR	68,553	0.67	0.30	0
MA715919716	CR	68,553	0.64	0.59	0
MA715919758	CR	68,553	0.55	0.41	0
MA715919788	CR	68,553	0.38	0.64	0
MA715919853	CR	68,553	0.44	0.68	0
MA800472975	CR	68,553	0.38	0.61	0
MA800659905	CR	68,553	0.30	0.44	0
MA800738445	CR	68,553	0.44	0.83	1
MA804043870	CR	68,553	0.35	0.64	1
MA901253257	CR	68,553	0.43	0.43	0
MA902278325	CR	68,553	0.48	0.62	0
MA902308680	CR	68,553	0.43	0.68	0
MA905179612	CR	68,553	0.27	0.58	1

Table I-14. Item-Level Classical Test Theory Statistics—Mathematics Grade 10

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA002776824	SR	69,627	0.60	0.56	0
MA273263	SR	69,627	0.63	0.61	0
MA281703	SR	69,627	0.59	0.33	0
MA287711	SR	69,627	0.78	0.52	0
MA299944	SR	69,627	0.51	0.49	0
MA301385	SR	69,627	0.49	0.62	0
MA301994	SR	69,627	0.76	0.44	0
MA302009	SR	69,627	0.49	0.34	0
MA303236	SR	69,627	0.52	0.64	0
MA303279	SR	69,627	0.59	0.64	0
MA311971	SR	69,627	0.57	0.52	0
MA312323	SR	69,627	0.49	0.40	0
MA313775	SR	69,627	0.84	0.47	0
MA313793	SR	69,627	0.53	0.50	0
MA314947	SR	69,627	0.72	0.56	0
MA314988	SR	69,627	0.64	0.46	0
MA315396	SR	69,627	0.44	0.52	0
MA315401	SR	69,627	0.68	0.53	0
MA315436	SR	69,627	0.65	0.44	0
MA315737	SR	69,627	0.65	0.55	0
MA717049810	SR	69,627	0.51	0.64	0
MA805406621	SR	69,627	0.51	0.42	0
MA000774815	CR	69,627	0.47	0.70	1
MA001272700	CR	69,627	0.46	0.55	0
MA001275174	CR	69,627	0.45	0.66	0
MA001368680	CR	69,627	0.55	0.53	0
MA001478687	CR	69,627	0.36	0.40	0
MA002057230	CR	69,627	0.75	0.59	0
MA002069968	CR	69,627	0.56	0.83	2
MA002634895	CR	69,627	0.47	0.42	0
MA002880198	CR	69,627	0.33	0.63	0
MA003332783	CR	69,627	0.28	0.34	0
MA003336082	CR	69,627	0.54	0.64	0
MA294334	CR	69,627	0.38	0.85	2
MA308930	CR	69,627	0.32	0.82	3
MA315759	CR	69,627	0.62	0.63	0
MA316870	CR	69,627	0.41	0.55	0
MA713647003	CR	69,627	0.38	0.53	0
MA713808267	CR	69,627	0.44	0.75	1
MA717336908	CR	69,627	0.52	0.74	0
MA805276190	CR	69,627	0.39	0.61	0
MA901757179	CR	69,627	0.41	0.68	0

Table I-15. Item-Level Classical Test Theory Statistics—STE Grade 5

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
SC001657113	SR	65,663	0.85	0.43	0
SC002002025	SR	65,663	0.47	0.35	0
SC291284	SR	65,663	0.79	0.49	0
SC294524	SR	65,663	0.53	0.48	0
SC304600	SR	65,663	0.55	0.46	0
SC309964	SR	59,566	0.60	0.58	0
SC315956	SR	65,663	0.58	0.56	0
SC315987	SR	65,663	0.44	0.45	0
SC627204024	SR	59,566	0.41	0.41	0
SC629148346	SR	59,566	0.86	0.48	0
SC629551835	SR	65,663	0.51	0.43	0
SC630756314	SR	65,663	0.65	0.60	0
SC736232773	SR	65,663	0.77	0.48	0
SC801062661	SR	65,663	0.76	0.52	0
SC801064879	SR	65,663	0.46	0.33	0
SC802352255	SR	65,663	0.64	0.45	0
SC804037841	SR	59,566	0.57	0.43	0
SC809002676	SR	65,663	0.85	0.45	0
SC814668478	SR	65,663	0.77	0.52	0
SC904845052	SR	65,663	0.52	0.32	0
SC000640531	CR	65,663	0.50	0.51	0
SC000876847	CR	65,663	0.69	0.50	0
SC006940380	CR	65,663	0.49	0.50	0
SC315784	CR	65,663	0.72	0.45	0
SC62523872	CR	59,566	0.36	0.58	1
SC632638762	CR	65,663	0.70	0.65	0
SC711452664	CR	65,663	0.61	0.63	0
SC736074020	CR	59,566	0.79	0.47	0
SC736182092	CR	59,566	0.45	0.57	0
SC801063145	CR	65,663	0.58	0.47	0
SC801065906	CR	65,663	0.34	0.51	0
SC801629720	CR	65,663	0.26	0.63	0
SC802343884	CR	65,663	0.75	0.54	0
SC803868033	CR	65,663	0.63	0.48	0
SC803937429	CR	65,663	0.60	0.51	0
SC804065269	CR	65,663	0.46	0.47	0
SC808520381	CR	65,663	0.28	0.34	0
SC809480016	CR	65,663	0.70	0.51	0
SC809483803	CR	65,663	0.51	0.59	0
SC814972728	CR	59,566	0.38	0.66	1
SC903833986	CR	65,663	0.55	0.51	0

Table I-16. Item-Level Classical Test Theory Statistics—STE Grade 8

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
SC000757503	SR	70,646	0.60	0.48	0
SC288298	SR	64,370	0.69	0.48	0
SC288343	SR	64,370	0.43	0.40	0
SC289633	SR	70,646	0.56	0.56	0
SC289731	SR	64,370	0.66	0.55	0
SC291714	SR	70,646	0.37	0.33	0
SC291776	SR	70,646	0.64	0.43	0
SC291825	SR	70,646	0.35	0.33	0
SC299423	SR	70,646	0.52	0.45	0
SC310230	SR	64,370	0.46	0.45	0
SC313155	SR	70,646	0.54	0.39	0
SC313164	SR	70,646	0.46	0.51	0
SC316009	SR	70,646	0.78	0.55	0
SC316056	SR	70,646	0.34	0.32	0
SC735347597	SR	64,370	0.55	0.48	0
SC802143530	SR	70,646	0.37	0.30	0
SC802144364	SR	70,646	0.43	0.49	0
SC803872056	SR	70,646	0.41	0.42	0
SC903843634	SR	70,646	0.70	0.56	0
SC903854067	SR	70,646	0.62	0.63	0
SC905284974	SR	70,646	0.41	0.37	0
SC905334273	SR	70,646	0.61	0.56	0
SC909357115	SR	70,646	0.42	0.42	0
SC933775118	SR	70,646	0.49	0.54	0
SC933938027	SR	70,646	0.62	0.52	0
SC933941764	SR	70,646	0.70	0.51	0
SC000777619	CR	70,646	0.63	0.69	1
SC304510	CR	64,370	0.38	0.70	1
SC631443367	CR	70,646	0.46	0.31	0
SC631658368	CR	64,370	0.43	0.65	1
SC735656788	CR	70,646	0.42	0.28	0
SC802269586	CR	70,646	0.34	0.64	0
SC803667588	CR	70,646	0.34	0.53	0
SC804130460	CR	70,646	0.65	0.65	1
SC804373650	CR	70,646	0.60	0.57	0
SC809260838	CR	70,646	0.46	0.46	0
SC832348897	CR	70,646	0.56	0.44	0
SC903853174	CR	70,646	0.43	0.46	1
SC903855126	CR	70,646	0.38	0.69	1
SC932754119	CR	70,646	0.49	0.61	0
SC934045224	CR	64,370	0.54	0.65	1

Table I-17. Item-Level Classical Test Theory Statistics—HS Biology

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
SC294820	SR	55,983	0.61	0.55	0
SC295278	SR	55,983	0.57	0.55	0
SC296662	SR	55,983	0.49	0.65	0
SC299071	SR	55,983	0.45	0.35	0
SC299739	SR	55,983	0.52	0.60	0
SC301337	SR	55,983	0.69	0.49	0
SC304863	SR	55,983	0.36	0.44	0
SC304901	SR	55,983	0.54	0.51	0
SC304905	SR	55,983	0.52	0.43	0
SC306327	SR	55,983	0.62	0.43	0
SC310087	SR	55,983	0.68	0.45	0
SC313347	SR	55,983	0.58	0.33	0
SC316159	SR	55,983	0.46	0.37	0
SC317087	SR	55,983	0.50	0.47	0
SC632554377	SR	55,983	0.68	0.55	0
SC706031065	SR	55,983	0.77	0.38	0
SC707646320	SR	55,983	0.58	0.49	0
SC802140161	SR	55,983	0.59	0.51	0
SC802460401	SR	55,983	0.66	0.43	0
SC803772254	SR	55,983	0.62	0.55	0
SC831345559	SR	55,983	0.63	0.46	0
SC903434684	SR	55,983	0.78	0.41	0
SC903665008	SR	55,983	0.71	0.47	0
SC903668548	SR	55,983	0.69	0.52	0
SC910651771	SR	55,983	0.38	0.34	0
SC912737872	SR	55,983	0.57	0.54	0
SC924640143	SR	55,983	0.73	0.38	0
SC299759	CR	55,983	0.40	0.80	1
SC316255	CR	55,983	0.43	0.84	3
SC802367082	CR	55,983	0.36	0.57	0
SC815749586	CR	55,983	0.55	0.49	1
SC903432965	CR	55,983	0.54	0.51	0
SC903436569	CR	55,983	0.73	0.42	0
SC903436994	CR	55,983	0.48	0.73	1
SC903667169	CR	55,983	0.53	0.77	1
SC903667486	CR	55,983	0.44	0.33	0
SC910985231	CR	55,983	0.39	0.52	0
SC911246035	CR	55,983	0.28	0.75	2
SC912238529	CR	55,983	0.57	0.53	0
SC913054446	CR	55,983	0.42	0.55	0
SC915044062	CR	55,983	0.87	0.47	0
SC920841277	CR	55,983	0.65	0.50	0

Table I-18. Item-Level Classical Test Theory Statistics—HS Introductory Physics

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
SC230808	SR	14,274	0.73	0.57	0
SC280839	SR	14,274	0.60	0.44	0
SC287048	SR	14,274	0.66	0.49	0
SC293975	SR	14,274	0.66	0.44	0
SC304783	SR	14,274	0.63	0.48	0
SC305503	SR	14,274	0.61	0.59	0
SC313738	SR	14,274	0.51	0.31	0
SC315642	SR	14,274	0.60	0.53	0
SC316347	SR	14,274	0.70	0.54	0
SC630642496	SR	14,274	0.87	0.42	0
SC736226112	SR	14,274	0.64	0.25	0
SC803254164	SR	14,274	0.45	0.45	0
SC803255498	SR	14,274	0.50	0.33	0
SC803313338	SR	14,274	0.36	0.34	0
SC805343036	SR	14,274	0.62	0.52	0
SC813625710	SR	14,274	0.52	0.33	0
SC904262622	SR	14,274	0.42	0.41	0
SC904339575	SR	14,274	0.42	0.27	0
SC904349855	SR	14,274	0.70	0.55	0
SC915751239	SR	14,274	0.66	0.59	0
SC916955396	SR	14,274	0.70	0.43	0
SC005926735	CR	14,274	0.53	0.57	1
SC007257568	CR	14,274	0.83	0.44	0
SC287206	CR	14,274	0.41	0.77	2
SC301782	CR	14,274	0.35	0.72	2
SC316441	CR	14,274	0.34	0.81	2
SC800542273	CR	14,274	0.67	0.51	0
SC801132834	CR	14,274	0.69	0.60	0
SC801152950	CR	14,274	0.66	0.49	0
SC801643310	CR	14,274	0.57	0.53	1
SC803424446	CR	14,274	0.37	0.55	0
SC803432596	CR	14,274	0.60	0.73	1
SC803633622	CR	14,274	0.66	0.44	0
SC805732725	CR	14,274	0.54	0.16	0
SC813853029	CR	14,274	0.59	0.52	0
SC814931121	CR	14,274	0.60	0.57	0
SC904340389	CR	14,274	0.56	0.65	0
SC904352276	CR	14,274	0.34	0.67	2
SC906755093	CR	14,274	0.62	0.54	0
SC907464800	CR	14,274	0.64	0.62	0
SC909552364	CR	14,274	0.69	0.55	0
SC909633335	CR	14,274	0.46	0.34	0

Table I-19. Item-Level Classical Test Theory Statistics—Alt/ELA

Grade	Item Number	Item Type	N	Difficulty	Discrimination
3	comp1	OR	853	0.59	0.25
	comp2	OR	853	0.59	0.27
	comp3	OR	853	0.58	0.32
	ind1	OR	826	0.94	0.44
	ind2	OR	767	0.93	0.51
	ind3	OR	829	0.84	0.42
	sk1	OR	826	0.97	0.31
	sk2	OR	767	0.95	0.36
	sk3	OR	829	0.46	0.49
4	comp1	OR	913	0.59	0.30
	comp2	OR	913	0.59	0.34
	comp3	OR	913	0.59	0.40
	ind1	OR	886	0.95	0.47
	ind2	OR	820	0.93	0.56
	ind3	OR	886	0.85	0.40
	sk1	OR	886	0.97	0.33
	sk2	OR	820	0.95	0.42
	sk3	OR	886	0.50	0.48
5	comp1	OR	800	0.59	0.31
	comp2	OR	800	0.59	0.32
	comp3	OR	800	0.58	0.36
	ind1	OR	782	0.95	0.43
	ind2	OR	733	0.93	0.51
	ind3	OR	781	0.87	0.39
	sk1	OR	782	0.97	0.29
	sk2	OR	733	0.96	0.32
	sk3	OR	781	0.49	0.48
6	comp1	OR	755	0.59	0.30
	comp2	OR	755	0.59	0.31
	comp3	OR	755	0.58	0.43
	ind1	OR	735	0.94	0.43
	ind2	OR	679	0.94	0.51
	ind3	OR	729	0.85	0.43
	sk1	OR	735	0.97	0.35
	sk2	OR	679	0.96	0.40
	sk3	OR	729	0.50	0.49
7	comp1	OR	716	0.59	0.37
	comp2	OR	716	0.59	0.36
	comp3	OR	716	0.58	0.43
	ind1	OR	691	0.93	0.46
	ind2	OR	646	0.93	0.52
	ind3	OR	695	0.87	0.43
	sk1	OR	691	0.96	0.36
	sk2	OR	646	0.97	0.37
	sk3	OR	695	0.50	0.51
8	comp1	OR	720	0.59	0.30
	comp2	OR	720	0.59	0.34
	comp3	OR	720	0.58	0.41

continued

Grade	Item Number	Item Type	N	Difficulty	Discrimination
8	ind1	OR	705	0.95	0.46
	ind2	OR	666	0.92	0.58
	ind3	OR	699	0.87	0.47
	sk1	OR	705	0.96	0.31
	sk2	OR	666	0.96	0.50
	sk3	OR	699	0.52	0.49
HS	comp1	OR	682	0.59	0.21
	comp2	OR	682	0.59	0.23
	comp3	OR	682	0.59	0.25
	ind1	OR	638	0.94	0.42
	ind2	OR	611	0.94	0.39
	ind3	OR	650	0.87	0.32
	sk1	OR	638	0.96	0.29
	sk2	OR	611	0.96	0.44
	sk3	OR	650	0.57	0.47

Table I-20. Item-Level Classical Test Theory Statistics—Alt/Mathematics

Grade	Item Number	Item Type	N	Difficulty	Discrimination
3	comp1	OR	738	0.59	0.36
	comp5	OR	738	0.59	0.37
	ind1	OR	738	0.92	0.77
	ind5	OR	738	0.94	0.69
	sk1	OR	738	0.97	0.43
	sk5	OR	738	0.97	0.57
4	comp1	OR	804	0.59	0.48
	comp3	OR	804	0.59	0.44
	ind1	OR	804	0.92	0.76
	ind3	OR	804	0.93	0.72
	sk1	OR	804	0.96	0.48
	sk3	OR	804	0.97	0.52
5	comp2	OR	731	0.59	0.47
	comp3	OR	731	0.59	0.50
	ind2	OR	731	0.93	0.77
	ind3	OR	731	0.94	0.72
	sk2	OR	731	0.97	0.53
	sk3	OR	731	0.97	0.55
6	comp2	OR	700	0.58	0.52
	comp5	OR	700	0.58	0.57
	ind2	OR	700	0.93	0.75
	ind5	OR	700	0.92	0.72
	sk2	OR	700	0.96	0.51
	sk5	OR	700	0.97	0.49
7	comp1	OR	650	0.58	0.59
	comp4	OR	650	0.59	0.59
	ind1	OR	650	0.92	0.74
	ind4	OR	650	0.95	0.67
	sk1	OR	650	0.97	0.60
	sk4	OR	650	0.97	0.58
8	comp2	OR	634	0.58	0.53
	comp4	OR	634	0.59	0.48
	ind2	OR	634	0.92	0.76

continued

Grade	Item Number	Item Type	N	Difficulty	Discrimination
8	ind4	OR	634	0.94	0.71
	sk2	OR	634	0.97	0.44
	sk4	OR	634	0.96	0.52
HS	comp1	OR	188	0.60	0.08
	comp2	OR	536	0.59	0.19
	comp3	OR	433	0.59	0.23
	comp4	OR	505	0.59	0.25
	comp5	OR	327	0.59	0.27
	ind1	OR	180	0.93	0.52
	ind2	OR	493	0.96	0.44
	ind3	OR	419	0.93	0.38
	ind4	OR	479	0.94	0.39
	ind5	OR	305	0.93	0.52
	sk1	OR	180	0.96	0.46
	sk2	OR	493	0.97	0.38
	sk3	OR	419	0.96	0.26
	sk4	OR	479	0.96	0.35
	sk5	OR	305	0.97	0.37

Table I-21. Item-Level Classical Test Theory Statistics—Alt/STE

Grade	Item Number	Item Type	N	Difficulty	Discrimination
5	comp1	OR	745	0.59	0.37
	comp2	OR	742	0.59	0.33
	comp3	OR	730	0.59	0.38
	comp4	OR	48	0.55	0.42
	ind1	OR	731	0.86	0.69
	ind2	OR	726	0.87	0.70
	ind3	OR	713	0.86	0.65
	ind4	OR	46	0.84	0.52
	sk1	OR	731	0.97	0.26
	sk2	OR	726	0.97	0.23
	sk3	OR	713	0.97	0.25
	sk4	OR	46	1.00	
8	comp1	OR	651	0.58	0.32
	comp2	OR	671	0.59	0.33
	comp3	OR	638	0.59	0.28
	comp4	OR	122	0.57	0.48
	ind1	OR	638	0.86	0.67
	ind2	OR	657	0.85	0.66
	ind3	OR	624	0.86	0.62
	ind4	OR	117	0.88	0.61
	sk1	OR	638	0.96	0.24
	sk2	OR	657	0.97	0.37
	sk3	OR	624	0.97	0.29
	sk4	OR	117	0.96	0.45

Table I-22. Item-Level Classical Test Theory Statistics—Alt/Biology

Grade	Item Number	Item Type	N	Difficulty	Discrimination
HS	comp1	OR	411	0.59	0.30
	comp2	OR	411	0.59	0.31
	comp3	OR	411	0.59	0.38
	ind1	OR	406	0.87	0.67
	ind2	OR	402	0.87	0.70
	ind3	OR	402	0.87	0.68
	sk1	OR	406	0.97	0.26
	sk2	OR	402	0.97	0.31
	sk3	OR	402	0.97	0.23

Table I-23. Item-Level Classical Test Theory Statistics—Alt/Chemistry

Grade	Item Number	Item Type	N	Difficulty	Discrimination
HS	comp1	OR	112	0.60	0.45
	comp2	OR	112	0.60	0.45
	comp3	OR	112	0.60	0.45
	ind1	OR	109	1.00	0.12
	ind2	OR	110	1.00	0.10
	ind3	OR	109	0.99	0.12
	sk1	OR	109	0.98	0.42
	sk2	OR	110	0.98	0.61
	sk3	OR	109	0.97	0.36

Discrimination statistics cannot be reported for some Alt/Chemistry items because the sample size of students was too small in 2021.

Table I-24. Item-Level Classical Test Theory Statistics—Alt/Introductory Physics

Grade	Item Number	Item Type	N	Difficulty	Discrimination
HS	comp1	OR	74	0.58	0.26
	comp2	OR	74	0.59	0.26
	comp3	OR	74	0.59	0.26
	ind1	OR	73	0.82	0.68
	ind2	OR	72	0.86	0.67
	ind3	OR	73	0.88	0.69
	sk1	OR	73	0.98	0.29
	sk2	OR	72	0.96	0.33
	sk3	OR	73	0.97	0.29

Difficulty and discrimination statistics cannot be reported for Alt/Introductory Physics because the sample size of students was too small in 2021.

Table I-25. Item-Level Classical Test Theory Statistics—Alt/TEC

Grade	Item Number	Item Type	N	Difficulty	Discrimination
HS	comp1	OR	70	0.59	0.31
	comp2	OR	70	0.59	0.35
	comp3	OR	70	0.59	0.35
	ind1	OR	68	0.94	0.71
	ind2	OR	69	0.95	0.67
	ind3	OR	69	0.93	0.74
	sk1	OR	68	0.98	0.50
	sk2	OR	69	0.96	0.54
	sk3	OR	69	0.94	0.68