

APPENDIX H
INTERRATER CONSISTENCY

Table H-1. Item-Level Interrater Consistency Statistics by Grade—ELA

Grade	Item	Number of		Percent		Correlation	LW Kappa
		Score Categories	Responses Scored Twice	Exact	Adjacent		
3	EL625963791	4	2,861	75.29	24.57	0.73	0.800
	EL735736712#SCORE_TRAIT_Conv	4	2,960	83.24	16.66	0.78	0.850
	EL735736712#SCORE_TRAIT_Ideadev	5	2,960	80.61	18.99	0.82	0.859
4	EL810046581	4	3,141	73.70	25.57	0.79	0.771
	EL812949238#SCORE_TRAIT_Conv	4	3,100	80.35	19.55	0.88	0.853
	EL812949238#SCORE_TRAIT_Ideadev	5	3,100	82.58	16.94	0.92	0.891
5	EL736478825#SCORE_TRAIT_Conv	4	3,131	70.97	28.94	0.80	0.753
	EL736478825#SCORE_TRAIT_Ideadev	5	3,131	71.35	28.33	0.82	0.778
	EL806033603#SCORE_TRAIT_Conv	4	3,198	72.05	27.20	0.80	0.711
	EL806033603#SCORE_TRAIT_Ideadev	5	3,198	70.76	28.49	0.81	0.714
6	EL735440256#SCORE_TRAIT_Conv	4	3,200	75.75	24.25	0.87	0.809
	EL735440256#SCORE_TRAIT_Ideadev	6	3,200	70.81	28.97	0.89	0.816
	EL807016586#SCORE_TRAIT_Conv	4	3,201	76.66	23.34	0.89	0.818
	EL807016586#SCORE_TRAIT_Ideadev	6	3,201	67.82	32.18	0.88	0.790
7	EL807349832#SCORE_TRAIT_Conv	4	3,258	68.63	30.11	0.84	0.750
	EL807349832#SCORE_TRAIT_Ideadev	6	3,258	64.24	33.55	0.82	0.737
	EL807456720#SCORE_TRAIT_Conv	4	3,265	71.42	28.09	0.85	0.756
	EL807456720#SCORE_TRAIT_Ideadev	6	3,265	65.85	32.77	0.84	0.740
8	EL810463548#SCORE_TRAIT_Conv	4	3,257	73.44	25.97	0.87	0.803
	EL810463548#SCORE_TRAIT_Ideadev	6	3,257	65.58	32.48	0.89	0.794
	EL810733917#SCORE_TRAIT_Conv	4	3,244	75.89	23.77	0.87	0.808
	EL810733917#SCORE_TRAIT_Ideadev	6	3,244	67.32	30.89	0.88	0.784
10	EL800341748#SCORE_TRAIT_Conv	4	67,273	77.37	21.61	0.85	0.729
	EL800341748#SCORE_TRAIT_Ideadev	6	67,273	62.70	35.41	0.84	0.711
	EL805452873#SCORE_TRAIT_Conv	4	68,134	74.76	24.25	0.83	0.722
	EL805452873#SCORE_TRAIT_Ideadev	6	68,134	61.73	35.35	0.83	0.707

**Caution should be used when interpreting the sums of exact and adjacent percentages for ELA items. This is because resolutions are done by item in ELA, and it is entirely possible that only one trait (either idea development or conventions) on a writing item has a non-adjacent score. For instance, if the idea development score for an item were non-adjacent, the item would also receive a third score for conventions, even if it initially received an exact or adjacent score for conventions.*

Table H-2. Item-Level Interrater Consistency Statistics by Grade—Mathematics

Grade	Item	Number of		Percent		Correlation	LW Kappa
		Score Categories	Responses Scored Twice	Exact	Adjacent		
3	MA261859A	4	3,095	90.37	8.95	0.96	0.920
	MA286750A	4	3,041	94.54	5.39	0.98	0.953
	MA286750A_PA	4	67	94.03	5.97	0.97	0.979
	MA297399A	4	3,100	93.23	6.71	0.96	0.945
	MA735851787	4	3,086	95.92	4.08	0.97	0.959
4	MA287484	5	3,190	94.73	5.20	0.98	0.962
	MA716535935	5	3,186	97.39	2.45	0.99	0.978
	MA800780932	5	3,196	90.55	9.17	0.97	0.935
	MA801035466	5	3,186	78.22	21.00	0.92	0.855
5	MA624359515	5	3,170	81.51	15.46	0.94	0.877
	MA624376704	5	3,137	84.79	14.25	0.93	0.893
	MA624377498	5	3,192	91.20	8.55	0.97	0.943
	MA704359650	5	3,136	95.18	4.62	0.99	0.970
	MA704359650_PA	5	65	92.31	6.15	0.97	0.976
6	MA311694	5	3,265	84.59	14.30	0.95	0.899
	MA703249688	5	3,235	89.46	9.95	0.95	0.923
	MA713830373	5	3,209	89.47	10.19	0.97	0.933
	MA713830373_PA	5	21	85.71	9.52	0.92	0.721
	MA713831396	5	3,207	90.80	8.67	0.97	0.936
	MA713831396_PA	5	31	96.77	0.00	0.96	0.872
7	MA295745	5	3,204	94.57	4.90	0.96	0.948
	MA295758	5	3,296	91.44	8.50	0.97	0.941
	MA311144	5	3,236	85.38	13.94	0.94	0.899
	MA804701799	5	3,226	94.05	5.61	0.98	0.963
8	MA301714	5	3,219	83.38	15.66	0.95	0.910
	MA311437	5	3,203	83.86	14.77	0.94	0.902
	MA704855478	5	3,289	90.91	8.48	0.95	0.925
	MA713930945	5	3,298	85.90	13.58	0.95	0.891
	MA713930945_PA	5	34	88.24	11.76	0.96	0.967
10	MA301486	5	67,244	81.56	17.42	0.93	0.870
	MA301486_ES	5	936	93.80	5.88	0.91	0.939
	MA306482	5	66,640	91.90	7.74	0.98	0.950
	MA306482_ES	5	887	95.72	4.28	0.93	0.964
	MA311164	5	66,224	89.64	9.84	0.98	0.942
	MA311164_ES	5	841	96.67	3.21	0.93	0.954
	MA801462169	5	67,047	90.65	8.92	0.97	0.936
	MA801462169_ES	5	919	97.82	2.18	0.97	0.950

Table H-3. Item-Level Interrater Consistency Statistics—STE

Grade	Item	Number of		Percent		Correlation	LW Kappa
		Score Categories	Responses Scored Twice	Exact	Adjacent		
5	SC310001	4	3,577	68.63	28.77	0.82	0.767
	SC315791	4	3,175	77.92	21.57	0.77	0.815
	SC315804	4	3,208	84.48	15.21	0.88	0.893
	SC630226702	3	3,177	71.55	26.16	0.68	0.724
	SC804958319	3	3,158	94.52	5.22	0.96	0.898
	SC815582307_PA	4	67	73.13	16.42	0.66	0.900
8	SC292029	4	2,600	86.50	12.77	0.89	0.893
	SC719258218	4	2,620	80.65	18.66	0.85	0.860
	SC719857887	4	2,748	63.36	32.79	0.76	0.751
	SC804368074	3	2,717	82.22	17.41	0.83	0.836
	SC809268358	4	2,675	82.32	16.41	0.74	0.837
	SC810864808	3	2,517	86.45	13.15	0.86	0.890

Table H-4. Validity Constant Proportion of Exact Agreement by Score Points

Subject	Grade	Ncat	Ntot	Exact	Score Point						
					0	1	2	3	4	5	
ELA	3	3	134	91.13	92.33	94.56	85.49	--	--	--	
		4	3,874	88.88	90.58	92.57	81.72	73.57	--	--	
		5	1,926	89.85	94.53	86.89	88.40	81.05	89.63	--	
	4	3	388	90.52	97.20	84.89	85.37	--	--	--	
		4	4,184	87.58	92.07	93.34	78.53	72.57	--	--	
		5	1,920	90.16	97.05	90.13	85.71	68.18	67.19	--	
	5	4	4,141	90.73	97.53	92.09	84.91	76.93	--	--	
		5	3,775	88.52	96.20	91.27	87.87	70.33	38.60	--	
		6	3,927	88.68	93.04	88.60	85.25	87.87	--	--	
	6	5	122	92.76	100	93.50	93	93	67	--	
		6	3,805	83.77	89.16	90.79	84.64	65.29	66.59	64.33	
		7	4,118	85.52	95.70	83.20	74.61	83.31	--	--	
	7	6	4,118	83.63	93.81	92.97	77.6	64.09	58	48.44	
		4	3,910	87.15	96.75	85.68	80.92	85.37	--	--	
		5	133	90.95	89	93	93.94	69.80	--	--	
	8	6	3,777	81.91	94.61	90.14	81.84	63.24	53.64	62.38	
		3	4	4,387	97.4	98.73	96.59	97.28	97.36	--	--
		4	5	4,860	95.82	99.13	96.45	92.08	94.82	97.69	--
Mathematics	5	5	4,383	93.74	98.05	87.25	93.6	93.28	97.88	--	
	6	5	4,549	93.5	96.96	91.16	93.53	91.38	97.25	--	
	7	5	4,784	93.74	97	97.86	91.87	90.29	88.70	--	
	8	5	4,666	93.61	95.90	95.62	91.38	88.15	96.09	--	

Table H-5. Item-level Validity Statistics—ELA Grade 3

UIN	Trait	Ncat	Stat	Overall Exact Agreement	Agreement by Score Point				
					0	1	2	3	4
EL308855	Overall	3	N	134	39	54	41	0	0
			Percent	91.1	92.3	94.6	85.5		
EL308857	Overall	4	N	132	40	67	14	11	0
			Percent	81.0	87.6	87.9	64.5	36.0	NA
EL625963791	Overall	4	N	1816	318	1147	280	71	0
			Percent	88.9	84.4	94.9	78.2	55.1	NA
EL626052459	Conventions	4	N	126	39	76	8	3	0
			Percent	88.9	100.0	89.5	37.4	66.7	NA
	Idea Development	5	N	126	33	82	8	1	2
			Percent	82.5	93.8	84.1	37.5	0.0	50.0
EL735736712	Conventions	4	N	1800	361	832	446	161	0
			Percent	89.4	95.3	90.0	85.3	84.4	NA
	Idea Development	5	N	1800	658	535	463	78	66
			Percent	90.4	94.6	87.3	89.3	82.1	90.8

Table H-6. Item-level Validity Statistics—ELA Grade 4

UIN	Trait	Ncat	Stat	Overall Exact Agreement	Agreement by Score Point				
					0	1	2	3	4
EL307728	Overall	3	N	132	63	61	8	0	0
			Percent	93.3	93.8	95.2	75.0		
EL307729	Overall	4	N	129	40	64	14	11	0
			Percent	87.7	85.0	95.5	93.0	45.0	
EL624655949	Conventions	3	N	128	50	55	23	0	0
			Percent	89.9	100.0	81.8	87.2		
	Idea Development	3	N	128	62	43	23	0	0
			Percent	88.3	98.5	74.4	87.2		
EL810046581	Overall	4	N	2135	455	882	502	296	0
			Percent	87.6	93.4	96.0	80.5	65.3	NA
EL812949238	Conventions	4	N	1920	212	1157	377	174	0
			Percent	87.6	90.6	91.2	75.4	86.7	NA
	Idea Development	5	N	1920	819	542	385	79	95
			Percent	90.2	97.0	90.2	85.7	68.2	67.2

Table H-7. Item-level Validity Statistics—ELA Grade 5

UIN	Trait	Ncat	Stat	Overall Exact Agreement	Agreement by Score Point				
					0	1	2	3	4
EL626356806	Conventions	4	N	183	72	63	32	16	0
			Percent	94.0	98.7	97.0	77.9	94.0	
	Idea Development	4	N	183	72	63	32	16	0
			Percent	89.6	90.4	95.2	87.2	69.0	NA
EL736478825	Conventions	4	N	1875	656	422	480	317	0
			Percent	88.7	97.4	89.5	84.3	76.4	
	Idea Development	5	N	1875	583	495	480	227	90
			Percent	84.7	97.8	86.5	87.3	60.4	36.5
EL806033603	Conventions	4	N	1900	892	475	307	226	0
			Percent	92.5	98.1	93.3	86.4	76.9	
	Idea Development	5	N	1900	791	568	315	218	8
			Percent	92.0	95.0	95.5	88.8	80.7	62.5

Table H-8. Item-level Validity Statistics—ELA Grade 6

UIN	Trait	Ncat	Stat	Overall Exact Agreement	Agreement by Score Point					
					0	1	2	3	4	5
EL303519	Conventions	4	N	122	25	60	14	23	0	0
			Percent	89.4	100.0	78.4	100.0	100.0		
	Idea Development	5	N	122	25	60	14	14	9	0
			Percent	92.8	100.0	93.5	93.0	93.0	67.0	
EL626869132	Conventions	4	N	116	52	27	0	37	0	0
			Percent	89.6	90.5	96.0		83.8		
	Idea Development	6	N	116	39	40	0	10	10	17
			Percent	85.3	100.0	94.8		60.0	50.0	65.0
EL735440256	Conventions	4	N	1843	538	474	563	268	0	0
			Percent	91.4	97.0	88.9	87.8	92.2		
	Idea Development	6	N	1843	547	465	561	100	156	14
			Percent	88.8	96.9	90.4	88.0	76.9	70.3	35.6
EL807016586	Conventions	4	N	1846	403	497	517	429	0	0
			Percent	85.8	87.6	89.1	82.1	84.8		
	Idea Development	6	N	1846	356	544	517	178	134	117
			Percent	78.7	76.0	90.9	80.9	59.0 cx	63.5	67.7

Table H-9. Item-level Validity Statistics—ELA Grade 7

UIN	Trait	Ncat	Stat	Overall Exact Agreement	Agreement by Score Point					
					0	1	2	3	4	5
EL292181	Conventions	4	N	113	37	12	37	27	0	0
			Percent	83.2	100.0	92.0	64.8	81.6		
	Idea Development	6	N	113	5	44	30	30	4	0
			Percent	78.8	100.0	84.0	80.0	73.5	25.0	
EL628749729	Conventions	4	N	123	36	4	35	48	0	0
			Percent	91.6	100.0	50.3	79.9	97.9		
	Idea Development	6	N	123	1	39	35	4	37	7
			Percent	82.8	100.0	84.3	76.7	75.0	89.4	71.1
EL807349832	Conventions	4	N	1874	815	316	393	350	0	0
			Percent	88.9	95.5	87.9	80.2	84.3		
	Idea Development	6	N	1874	480	651	369	214	12	148
			Percent	88.2	97.9	98.3	82.9	64.0	24.8	65.4
EL807456720	Conventions	4	N	2008	592	554	585	277	0	0
			Percent	82.1	95.5	80.6	71.2	79.8		
	Idea Development	6	N	2008	625	521	585	207	34	36
			Percent	79.7	90.6	87.7	74.2	62.6	15.0	25.0

Table H-10. Item-level Validity Statistics—ELA Grade 8

UIN	Trait	Ncat	Stat	Overall Exact Agreement	Agreement by Score Point					
					0	1	2	3	4	5
EL290818	Conventions	4	N	115	20	28	28	39	0	0
			Percent	91.4	80.2	92.9	92.9	94.9		
	Idea Development	6	N	115	20	28	28	19	10	10
			Percent	87.9	100.0	85.9	92.9	89.5	80.0	60.4
EL623953378	Conventions	4	N	133	33	57	33	10	0	0
			Percent	88.7	84.8	85.9	93.9	100.0		
	Idea Development	5	N	133	18	72	33	10	0	0
			Percent	90.9	89.0	93.0	93.9	69.8		
EL810463548	Conventions	4	N	1840	473	529	433	405	0	0
			Percent	87.3	98.6	84.0	81.3	84.8		
	Idea Development	6	N	1840	473	529	398	223	122	95
			Percent	82.7	97.0	85.0	83.7	67.3	56.5	63.9
EL810733917	Conventions	4	N	1822	389	623	363	447	0	0
			Percent	86.7	96.4	86.8	78.3	84.8		
	Idea Development	6	N	1822	342	674	359	204	209	34
			Percent	80.7	90.9	94.3	78.9	56.4	50.7	58.5

Table H-11. Item-level Validity Statistics—Mathematics Grade 3

UIN	Trait	Ncat	Stat	Overall Exact Agreement	Agreement by Score Point			
					0	1	2	3
MA261859A	Overall	4	N	1134	268	347	235	284
			Percent	97.9	99.3	97.4	98.7	96.5
MA286750A	Overall	4	N	1077	275	274	276	252
			Percent	99.4	99.3	98.9	99.3	100.0
MA297399A	Overall	4	N	1058	215	329	293	221
			Percent	97.5	99.0	97.5	97.0	96.5
MA735851787	Overall	4	N	1118	257	522	190	149
			Percent	94.9	97.3	94.3	93.0	95.9

Table H-12. Item-level Validity Statistics—Mathematics Grade 4

UIN	Trait	Ncat	Stat	Overall Exact Agreement	Agreement by Score Point				
					0	1	2	3	4
MA250543	Overall	5	N	185	64	54	26	14	27
			Percent	97.8	100.0	98.2	100.0	85.7	96.3
MA287484	Overall	5	N	1171	38	402	333	308	90
			Percent	97.0	94.7	97.5	96.0	97.7	97.8
MA311581	Overall	5	N	41	7	8	9	10	7
			Percent	97.6	100.0	87.5	100.0	100.0	100.0
MA716535935	Overall	5	N	1304	377	427	328	84	88
			Percent	98.1	98.9	96.6	99.1	97.8	98.8
MA800780932	Overall	5	N	1121	41	176	304	318	282
			Percent	93.2	100.0	95.5	82.6	95.6	99.4
MA801035466	Overall	5	N	1038	391	298	97	151	101
			Percent	93.9	99.5	95.3	81.6	86.1	92.1

Table H-13. Item-level Validity Statistics—Mathematics Grade 5

UIN	Trait	Ncat	Stat	Overall Exact Agreement	Agreement by Score Point				
					0	1	2	3	4
MA311366	Overall	5	N	43	12	8	13	6	4
			Percent	95.4	100.0	100.0	100.0	83.3	75
MA624359515	Overall	5	N	1047	204	366	123	158	196
			Percent	91.2	98.6	87.4	83.8	86.8	98.9
MA624376704	Overall	5	N	1075	518	295	133	109	20
			Percent	90.9	97.6	77.5	91.9	92.8	100.0
MA624377498	Overall	5	N	1070	212	196	289	207	166
			Percent	95.6	96.7	92.9	95.2	97.6	95.9
MA704359650	Overall	5	N	1105	192	198	302	206	207
			Percent	97.0	100.0	94.5	97.0	95.2	98.5
MA704359678	Overall	5	N	43	1	13	5	9	15
			Percent	90.7	100.0	100.0	60.0	77.7	100.0

Table H-14. Item-level Validity Statistics—Mathematics Grade 6

UIN	Trait	Ncat	Stat	Overall Exact Agreement	Agreement by Score Point				
					0	1	2	3	4
MA307339	Overall	5	N	37	5	6	11	7	8
			Percent	100.0	100.0	100.0	100.0	100.0	100.0
MA311694	Overall	5	N	1052	211	175	260	167	239
			Percent	92.3	95.2	94.2	91.2	79.6	98.3
MA703249688	Overall	5	N	1167	56	326	405	230	150
			Percent	91.7	94.7	81.6	94.8	96.9	96.0
MA713830373	Overall	5	N	1143	211	317	189	227	199
			Percent	97.0	100.0	95.3	94.6	96.9	98.9
MA713831396	Overall	5	N	1150	44	399	279	252	176
			Percent	92.8	93.4	94.2	92.9	88.9	94.9

Table H-15. Item-level Validity Statistics—Mathematics Grade 7

UIN	Trait	Ncat	Stat	Overall Exact Agreement	Agreement by Score Point				
					0	1	2	3	4
MA295745	Overall	5	N	1196	57	477	229	136	297
			Percent	90.4	100.0	98.8	85.1	75.8	85.9
MA295758	Overall	5	N	1106	173	570	97	147	119
			Percent	97.1	95.4	98.9	89.7	95.2	99.2
MA311144	Overall	5	N	1156	111	225	275	303	242
			Percent	90.5	97.3	94.6	91.3	87.7	86
MA316886	Overall	5	N	37	17	2	8	10	0
			Percent	97.3	100.0	100.0	100.0	90.0	NA
MA703943185	Overall	5	N	35	7	9	9	0	10
			Percent	100.0	100.0	100.0	100.0	NA	100
MA804701799	Overall	5	N	1254	405	164	327	311	47
			Percent	96.7	97.0	95.8	97.3	96.9	91.2

Table H-16. Item-level Validity Statistics—Mathematics Grade 8

UIN	Trait	Ncat	Stat	Overall Exact Agreement	Agreement by Score Point				
					0	1	2	3	4
MA297652	Overall	5	N	35	3	5	8	12	7
			Percent	100.0	100.0	100.0	100.0	100.0	100.0
MA301714	Overall	5	N	1114	191	223	248	206	246
			Percent	91.6	96.2	90.9	89.9	81.7	98.7
MA311437	Overall	5	N	1128	192	287	260	222	167
			Percent	92.7	98.4	95.6	89.6	83.4	98.7
MA314812	Overall	5	N	33	13	0	0	10	10
			Percent	96.9	100.0	NA	NA	100.0	90.0
MA704855478	Overall	5	N	1206	252	607	97	111	139
			Percent	94.9	95.6	99.3	89.4	83.2	87.1
MA713930945	Overall	5	N	1150	138	230	226	297	259
			Percent	94.8	92.0	90.3	95.6	97.2	96.9

Table H-17. Item-Level Interrater Consistency Statistics—Alt/ELA

Grade	Item	Score Categories	Number of		Percent		Correlation
			Responses Scored Twice	Exact	Adjacent		
3	comp1	5	220	98.64	0.91	0.72	
	comp2	5	220	99.55	0.45	0.95	
	comp3	5	220	98.18	1.82	0.89	
	ind1	4	196	100	0	1	
	ind2	4	193	100	0	1	
	ind3	4	173	98.84	1.16	0.99	
	sk1	4	196	98.98	1.02	0.97	
	sk2	4	193	98.45	1.55	0.91	
	sk3	4	173	97.11	2.89	0.98	
4	comp1	5	496	99.6	0	0.89	
	comp2	5	494	98.79	1.01	0.89	
	comp3	5	494	97.77	2.02	0.89	
	ind1	4	437	98.17	1.83	0.97	
	ind2	4	380	97.63	2.37	0.96	
	ind3	4	402	97.01	2.99	0.97	
	sk1	4	437	99.08	0.69	0.94	
	sk2	4	380	98.16	1.84	0.95	
	sk3	4	402	97.01	2.49	0.96	
5	comp1	5	159	98.11	1.26	0.67	
	comp2	5	161	99.38	0.62	0.95	
	comp3	5	158	98.10	1.90	0.90	
	ind1	4	147	99.32	0.68	0.99	
	ind2	4	135	99.26	0.74	0.99	
	ind3	4	133	99.25	0.75	0.99	
	sk1	4	147	100	0	1	
	sk2	4	135	98.52	1.48	0.95	
	sk3	4	133	97.74	1.50	0.97	
6	comp1	5	129	100	0	1	
	comp2	5	130	100	0	1	
	comp3	5	129	97.67	1.55	0.56	
	ind1	4	121	98.35	1.65	0.98	
	ind2	4	103	97.09	2.91	0.97	
	ind3	4	104	100	0	1	
	sk1	4	121	100	0	1	
	sk2	4	103	100	0	1	
	sk3	4	104	95.19	3.85	0.95	
7	comp1	5	173	99.42	0.58	0.96	
	comp2	5	174	98.85	1.15	0.92	
	comp3	5	171	98.25	1.75	0.93	
	ind1	4	155	100	0	1	
	ind2	4	136	97.06	2.94	0.93	
	ind3	4	133	98.50	1.50	0.98	

continued



Grade	Item	Score Categories	Number of Responses Scored Twice	Percent		Correlation
				Exact	Adjacent	
7	sk1	4	155	100	0	1
	sk2	4	136	100	0	1
	sk3	4	133	97.74	1.50	0.97
8	comp1	5	213	98.59	0.94	0.67
	comp2	5	216	98.61	1.39	0.82
	comp3	5	214	98.60	0.93	0.82
	ind1	4	182	100	0	1
	ind2	4	175	98.29	1.71	0.97
	ind3	4	167	99.40	0.60	0.99
	sk1	4	182	99.45	0.55	0.98
	sk2	4	175	100	0	1
	sk3	4	167	98.20	0.60	0.96
10	comp1	5	205	100	0	1
	comp2	5	206	99.51	0	0.70
	comp3	5	207	99.03	0.48	0.81
	ind1	4	185	97.84	1.62	0.88
	ind2	4	152	97.37	1.97	0.87
	ind3	4	158	98.73	1.27	0.99
	sk1	4	185	98.92	0.54	0.88
	sk2	4	152	98.03	1.97	0.91
	sk3	4	158	94.94	4.43	0.95

**The percentages of exact agreement, adjacent agreement and third score do not necessarily sum to 1 due to the scoring rules. The most prevalent case is when a strand contains a score of “M” (indicating a required component is missing/incomplete) within a rubric area. Any instance of an “M” by scorer 1 or 2 must be confirmed by an expert scorer (scorer 3). Even if scorer 1 and 2 both agree on an “M”, the third scorer would still provide a confirmation or overturning score. The third scorer will also review strands at random to provide oversight on a particular scorer or even portfolios that are of interest.*

Table H-18. Item-Level Interrater Consistency Statistics—Alt/Mathematics

Grade	Item	Number of		Percent		Correlation	% Third Score*
		Score Categories	Responses Scored Twice	Exact	Adjacent		
3	comp1	5	219	99.09	0.91	0.92	0.91
	comp5	5	220	99.55	0.45	0.94	0.45
	ind1	4	174	99.43	0.57	0.99	1.72
	ind5	4	189	100	0	1	1.59
	sk1	4	174	98.85	1.15	0.96	1.72
	sk5	4	189	99.47	0.53	0.98	1.59
4	comp1	5	495	98.79	0.40	0.83	1.62
	comp3	5	490	99.18	0.20	0.88	1.02
	ind1	4	405	97.53	2.47	0.97	3.46
	ind3	4	418	98.09	1.91	0.97	4.31
	sk1	4	405	98.77	1.23	0.96	3.21
	sk3	4	418	97.61	2.39	0.90	3.83
5	comp2	5	166	98.80	0.60	0.83	1.81
	comp3	5	163	99.39	0.61	0.96	0.61
	ind2	4	148	98.65	1.35	0.98	2.03
	ind3	4	149	99.33	0.67	0.99	2.01
	sk2	4	148	97.97	2.03	0.92	2.70
	sk3	4	149	97.99	2.01	0.91	2.01
6	comp2	5	128	99.22	0.78	0.94	0.78
	comp5	5	128	100	0	1	0
	ind2	4	117	100	0	1	1.71
	ind5	4	111	97.30	2.7	0.98	4.50
	sk2	4	117	98.29	1.71	0.93	2.56
	sk5	4	111	98.20	1.80	0.95	3.60
7	comp1	5	172	98.84	1.16	0.94	1.74
	comp4	5	174	98.85	1.15	0.92	1.15
	ind1	4	136	99.26	0.74	0.99	0.74
	ind4	4	144	97.92	2.08	0.96	2.78
	sk1	4	136	99.26	0.74	0.98	0.74
	sk4	4	144	98.61	1.39	0.96	2.78
8	comp2	5	210	97.14	2.38	0.71	4.29
	comp4	5	212	98.58	0.94	0.66	3.3
	ind2	4	172	99.42	0.58	0.99	1.16
	ind4	4	173	100	0	1	0.58
	sk2	4	172	100	0	1	1.16
	sk4	4	173	99.42	0.58	0.98	0.58

continued



Grade	Item	Score Categories	Number of	Percent		Correlation	% Third Score*
			Responses Scored Twice	Exact	Adjacent		
HS	comp1	5	48	95.83	2.08	0.72	6.25
	comp2	5	140	99.29	0.71	0.81	0.71
	comp3	5	133	100	0	1	0
	comp4	5	172	99.42	0	0.79	0.58
	comp5	5	118	98.31	1.69	0.66	2.54
	ind1	4	40	97.50	2.50	0.97	2.5
	ind2	4	121	97.52	2.48	0.95	4.13
	ind3	4	115	96.52	2.61	0.85	3.48
	ind4	4	149	96.64	2.68	0.91	4.70
	ind5	4	95	98.95	1.05	0.98	2.11
	sk1	4	40	100	0	1	2.50
	sk2	4	121	97.52	2.48	0.9	3.31
	sk3	4	115	98.26	0.87	0.91	3.48
	sk4	4	149	97.99	1.34	0.88	4.70
	sk5	4	95	97.89	1.05	0.84	2.11

**The percentages of exact agreement, adjacent agreement and third score do not necessarily sum to 1 due to the scoring rules. The most prevalent case is when a strand contains a score of “M” (indicating a required component is missing/incomplete) within a rubric area. Any instance of an “M” by scorer 1 or 2 must be confirmed by an expert scorer (scorer 3). Even if scorer 1 and 2 both agree on an “M”, the third scorer would still provide a confirmation or overturning score. The third scorer will also review strands at random to provide oversight on a particular scorer or even portfolios that are of interest.*

Table H-19. Item-Level Interrater Consistency Statistics—Alt/STE

Grade	Item	Score Categories	Number of Responses Scored Twice	Percent		Correlation	% Third Score*
				Exact	Adjacent		
5	comp1	5	145	98.62	1.38	0.93	1.38
	comp2	5	148	99.32	0.68	0.97	0.68
	comp3	5	140	97.86	2.14	0.89	2.14
	comp4	5	6	--	--	--	--
	ind1	4	116	100	0	1	0.86
	ind2	4	121	99.17	0.83	0.99	0.83
	ind3	4	118	98.31	1.69	0.99	1.69
	ind4	4	5	--	--	--	--
	sk1	4	116	99.14	0.86	0.93	0.86
	sk2	4	121	100	0	1	0.83
	sk3	4	118	100	0	1	0.85
	sk4	4	5	--	--	--	--
	8	comp1	5	181	96.13	3.87	0.77
comp2		5	189	98.41	1.59	0.87	3.17
comp3		5	177	96.61	3.39	0.77	6.78
comp4		5	21	95.24	4.76	0.79	9.52
ind1		4	134	99.25	0.75	0.99	0.75
ind2		4	142	99.30	0.70	1	0.7
ind3		4	130	98.46	1.54	0.99	2.31
ind4		4	15	100	0	1	0
sk1		4	134	100	0	1	0.75
sk2		4	142	100	0	1	0.70
sk3		4	130	99.23	0.77	0.97	1.54
sk4		4	15	100	0	1	0

**The percentages of exact agreement, adjacent agreement and third score do not necessarily sum to 1 due to the scoring rules. The most prevalent case is when a strand contains a score of “M” (indicating a required component is missing/incomplete) within a rubric area. Any instance of an “M” by scorer 1 or 2 must be confirmed by an expert scorer (scorer 3). Even if scorer 1 and 2 both agree on an “M”, the third scorer would still provide a confirmation or overturning score. The third scorer will also review strands at random to provide oversight on a particular scorer or even portfolios that are of interest.*

Table H-20. Item-Level Interrater Consistency Statistics—Alt/HS Admin*

Content Area	Item	Score Categories	Number of Responses Scored Twice
Biology	comp1	5	7
	comp2	5	7
	comp3	5	7
	ind1	4	6
	ind2	4	5
	ind3	4	7
	sk1	4	6
	sk2	4	5
	sk3	4	7
Chemistry	comp1	5	3
	comp2	5	3
	comp3	5	3
	ind1	4	3
	ind2	4	3
	ind3	4	3
	sk1	4	3
	sk2	4	3
	sk3	4	3
Introductory Physics	comp1	5	2
	comp2	5	2
	comp3	5	2
	ind1	4	2
	ind2	4	2
	ind3	4	2
	sk1	4	2
	sk2	4	2
	sk3	4	2
Technology/Engineering	comp1	5	7
	comp2	5	7
	comp3	5	7
	ind1	4	6
	ind2	4	5
	ind3	4	5
	sk1	4	6
	sk2	4	5
	sk3	4	5

*The percentages of exact agreement, adjacent agreement and third score are too low to report.