

## **Appendix A. Classical Item Statistics: Operational Forms**

Table A1. Summary Item Statistics - Operational Items  
Algebra - January Primary

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
AB	1	L	67435	M	0.94	0.19	-0.10	-0.12	0.19	-0.09	0.1
	2	O	67506	M	0.89	0.28	-0.15	-0.17	-0.16	0.28	0.3
	3	O	56784	M	0.43	0.44	-0.09	0.44	-0.10	-0.34	0.7
	4	L	54695	M	0.25	0.33	-0.07	0.33	-0.14	-0.18	0.4
	7	O	56556	M	0.58	0.46	-0.31	-0.20	-0.14	0.46	0.4
	8	L	54759	M	0.34	0.35	0.35	-0.09	-0.13	-0.19	0.5
	9	L	67409	M	0.79	0.27	-0.12	-0.16	0.27	-0.16	0.3
	10	O	54711	M	0.49	0.42	-0.18	-0.19	-0.20	0.42	1.1
	12	L	67486	J	0.28	0.68					13.7
	13	O	54651	G	0.45	0.51	0.51	-0.44			4.3
	15	L	54882	G	0.68	0.47	0.47	-0.40			4.5
	16	L	51569	G	0.32	0.46	0.46	-0.32			7.9
	17	L	51391	J	0.17	0.66					22.9
	18	O	56584	M	0.48	0.30	-0.12	-0.18	0.30	-0.06	2.5
	19	O	51541	M	0.66	0.35	0.35	-0.23	-0.17	-0.09	2.3
	20	L	54760	M	0.31	0.38	-0.12	0.38	-0.15	-0.12	2.6
	21	O	56670	J	0.27	0.75					20.3
	23	L	54562	M	0.44	0.32	-0.07	-0.13	-0.17	0.32	4.6
	24	O	51408	M	0.49	0.33	-0.16	-0.14	-0.11	0.33	5.1
	25	O	56698	M	0.79	0.37	-0.19	-0.17	0.37	-0.22	0.5
	26	L	56719	M	0.61	0.39	-0.17	0.39	-0.25	-0.14	0.6
	27	L	54642	M	0.80	0.34	-0.16	-0.26	0.34	-0.12	0.6
	28	L	56825	M	0.29	0.27	-0.11	-0.09	0.27	-0.07	1.2
	31	L	51557	M	0.74	0.33	-0.14	0.33	-0.20	-0.17	0.4
	33	L	56720	M	0.40	0.23	-0.03	-0.21	0.23	-0.07	0.5
	35	O	51364	M	0.52	0.49	-0.25	-0.26	0.49	-0.13	0.9
	36	L	67529	J	0.30	0.66					12.9
	37	L	54819	G	0.65	0.43	0.43	-0.36			3.4
	39	L	51395	G	0.47	0.47	0.47	-0.41			3.3
	40	L	52327	G	0.30	0.37	0.37	-0.23			7.9
	41	L	50374	J	0.18	0.64					14.9
	42	O	43199	M	0.69	0.38	-0.12	-0.21	-0.19	0.38	1.7
	43	O	52345	M	0.49	0.41	0.41	-0.22	-0.18	-0.10	2.6
	44	O	56798	M	0.32	0.45	-0.21	-0.14	-0.12	0.45	2.4
	45	L	51575	J	0.24	0.69					19.2
	46	L	54775	M	0.31	0.35	-0.10	-0.18	0.35	-0.18	3.2
	47	L	51563	M	0.38	0.27	-0.12	-0.05	0.27	-0.12	3.4
	48	O	54671	M	0.50	0.30	-0.07	-0.15	-0.13	0.30	3.4

Note: Anchor\_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; Item Type: M=SR, G=SPR, J=CR; P\_Val=P-Value, R\_ITT=item-total correlation, P\_BIS1 – P\_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A2. Summary Item Statistics - Operational Items  
Algebra - January Make-Up 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
C	1	L	67435	M	0.94	0.19	-0.10	-0.12	0.19	-0.09	0.1
	2	O	54880	M	0.38	0.23	-0.18	-0.10	-0.07	0.23	0.0
	3	O	56784	M	0.43	0.44	-0.09	0.44	-0.10	-0.34	0.7
	4	L	54695	M	0.25	0.33	-0.07	0.33	-0.14	-0.18	0.4
	7	O	54898	M	0.57	0.39	-0.18	-0.20	-0.18	0.39	0.0
	8	L	54759	M	0.34	0.35	0.35	-0.09	-0.13	-0.19	0.5
	9	L	67409	M	0.79	0.27	-0.12	-0.16	0.27	-0.16	0.3
	10	O	54711	M	0.49	0.42	-0.18	-0.19	-0.20	0.42	1.1
	12	L	67486	J	0.28	0.68					13.7
	13	O	51508	G	0.59	0.51	0.51	-0.47			5.3
	15	L	54882	G	0.68	0.47	0.47	-0.40			4.5
	16	L	51569	G	0.32	0.46	0.46	-0.32			7.9
	17	L	51391	J	0.17	0.66					22.9
	18	O	56584	M	0.48	0.30	-0.12	-0.18	0.30	-0.06	2.5
	19	O	51427	M	0.58	0.43	0.43	-0.21	-0.21	-0.15	2.8
	20	L	54760	M	0.31	0.38	-0.12	0.38	-0.15	-0.12	2.6
	21	O	56670	J	0.27	0.75					20.3
	23	L	54562	M	0.44	0.32	-0.07	-0.13	-0.17	0.32	4.6
	24	O	52342	M	0.43	0.34	-0.15	0.34	-0.10	-0.15	4.7
	25	O	56698	M	0.79	0.37	-0.19	-0.17	0.37	-0.22	0.5
	26	L	56719	M	0.61	0.39	-0.17	0.39	-0.25	-0.14	0.6
	27	L	54642	M	0.80	0.34	-0.16	-0.26	0.34	-0.12	0.6
	28	L	56825	M	0.29	0.27	-0.11	-0.09	0.27	-0.07	1.2
	31	L	51557	M	0.74	0.33	-0.14	0.33	-0.20	-0.17	0.4
	33	L	56720	M	0.40	0.23	-0.03	-0.21	0.23	-0.07	0.5
	35	O	67544	M	0.33	0.44	-0.16	-0.15	-0.18	0.44	0.9
	36	L	67529	J	0.30	0.66					12.9
	37	L	54819	G	0.65	0.43	0.43	-0.36			3.4
	39	L	51395	G	0.47	0.47	0.47	-0.41			3.3
	40	L	52327	G	0.30	0.37	0.37	-0.23			7.9
	41	L	50374	J	0.18	0.64					14.9
	42	O	43218	M	0.47	0.42	-0.12	-0.11	-0.24	0.42	2.2
	43	O	52345	M	0.49	0.41	0.41	-0.22	-0.18	-0.10	2.6
	44	O	56798	M	0.32	0.45	-0.21	-0.14	-0.12	0.45	2.4
	45	L	51575	J	0.24	0.69					19.2
	46	L	54775	M	0.31	0.35	-0.10	-0.18	0.35	-0.18	3.2
	47	L	51563	M	0.38	0.27	-0.12	-0.05	0.27	-0.12	3.4
	48	O	54671	M	0.50	0.30	-0.07	-0.15	-0.13	0.30	3.4

Table A3. Summary Item Statistics - Operational Items  
Algebra - January Make-Up 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
D	1	L	67435	M	0.94	0.19	-0.10	-0.12	0.19	-0.09	0.1
	2	O	67506	M	0.89	0.28	-0.15	-0.17	-0.16	0.28	0.3
	3	O	56562	M	0.43	0.45	-0.37	-0.14	-0.04	0.45	0.3
	4	L	54695	M	0.25	0.33	-0.07	0.33	-0.14	-0.18	0.4
	7	O	56556	M	0.58	0.46	-0.31	-0.20	-0.14	0.46	0.4
	8	L	54759	M	0.34	0.35	0.35	-0.09	-0.13	-0.19	0.5
	9	L	67409	M	0.79	0.27	-0.12	-0.16	0.27	-0.16	0.3
	10	O	54863	M	0.52	0.36	0.36	-0.16	-0.22	-0.14	0.0
	12	L	67486	J	0.28	0.68					13.7
	13	O	54651	G	0.45	0.51	0.51	-0.44			4.3
	15	L	54882	G	0.68	0.47	0.47	-0.40			4.5
	16	L	51569	G	0.32	0.46	0.46	-0.32			7.9
	17	L	51391	J	0.17	0.66					22.9
	18	O	67434	M	0.52	0.34	-0.15	-0.15	0.34	-0.09	5.0
	19	O	51541	M	0.66	0.35	0.35	-0.23	-0.17	-0.09	2.3
	20	L	54760	M	0.31	0.38	-0.12	0.38	-0.15	-0.12	2.6
	21	O	43193	J	0.26	0.77					34.5
	23	L	54562	M	0.44	0.32	-0.07	-0.13	-0.17	0.32	4.6
	24	O	51408	M	0.49	0.33	-0.16	-0.14	-0.11	0.33	5.1
	25	O	51527	M	0.80	0.37	0.37	-0.25	-0.19	-0.15	0.0
	26	L	56719	M	0.61	0.39	-0.17	0.39	-0.25	-0.14	0.6
	27	L	54642	M	0.80	0.34	-0.16	-0.26	0.34	-0.12	0.6
	28	L	56825	M	0.29	0.27	-0.11	-0.09	0.27	-0.07	1.2
	31	L	51557	M	0.74	0.33	-0.14	0.33	-0.20	-0.17	0.4
	33	L	56720	M	0.40	0.23	-0.03	-0.21	0.23	-0.07	0.5
	35	O	51364	M	0.52	0.49	-0.25	-0.26	0.49	-0.13	0.9
	36	L	67529	J	0.30	0.66					12.9
	37	L	54819	G	0.65	0.43	0.43	-0.36			3.4
	39	L	51395	G	0.47	0.47	0.47	-0.41			3.3
	40	L	52327	G	0.30	0.37	0.37	-0.23			7.9
	41	L	50374	J	0.18	0.64					14.9
	42	O	43199	M	0.69	0.38	-0.12	-0.21	-0.19	0.38	1.7
	43	O	54746	M	0.49	0.37	-0.14	0.37	-0.16	-0.12	3.9
	44	O	43215	M	0.45	0.36	-0.14	-0.18	0.36	-0.06	3.7
	45	L	51575	J	0.24	0.69					19.2
	46	L	54775	M	0.31	0.35	-0.10	-0.18	0.35	-0.18	3.2
	47	L	51563	M	0.38	0.27	-0.12	-0.05	0.27	-0.12	3.4
	48	O	54864	M	0.45	0.49	0.49	-0.19	-0.22	-0.16	5.2

Table A4. Summary Item Statistics - Operational Items  
Biology - January Primary

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
AB	1	L	52416	M	0.74	0.34	-0.29	0.34	-0.11	-0.12	0.0
	2	O	68283	M	0.77	0.43	-0.31	-0.18	0.43	-0.19	0.1
	3	L	52604	M	0.58	0.52	0.52	-0.25	-0.30	-0.19	0.3
	4	L	52603	M	0.67	0.51	-0.25	-0.24	0.51	-0.27	0.2
	5	L	52605	M	0.48	0.54	-0.22	0.54	-0.23	-0.27	0.4
	6	O	79428	M	0.44	0.51	-0.19	-0.29	0.51	-0.17	0.2
	9	O	67695	M	0.62	0.42	-0.34	-0.03	0.42	-0.22	0.2
	11	L	64729	J	0.20	0.73					18.6
	12	L	67586	M	0.59	0.43	-0.22	0.43	-0.19	-0.21	0.4
	13	L	52474	M	0.65	0.46	-0.23	-0.25	0.46	-0.19	0.5
	14	O	64727	M	0.62	0.36	0.13	-0.31	0.36	-0.27	0.5
	15	O	79465	M	0.33	0.30	0.30	-0.01	-0.19	-0.13	0.6
	20	L	67682	J	0.31	0.80					11.5
	21	O	55073	M	0.70	0.28	-0.13	0.28	-0.12	-0.13	1.4
	22	L	53465	M	0.33	0.31	-0.16	0.31	-0.17	-0.03	1.5
	23	L	53466	M	0.42	0.48	-0.11	0.48	-0.24	-0.23	1.4
	24	O	57077	M	0.79	0.51	0.51	-0.29	-0.22	-0.23	1.6
	25	O	55129	M	0.29	0.45	-0.10	-0.12	-0.21	0.45	1.8
	26	O	52449	M	0.62	0.49	-0.17	-0.24	-0.25	0.49	2.0
	27	L	68270	J	0.27	0.84					13.1
	28	O	52454	M	0.52	0.47	-0.17	-0.30	-0.16	0.47	1.5
	29	O	52452	M	0.76	0.48	-0.20	-0.24	-0.26	0.48	1.6
	30	O	52451	M	0.91	0.38	-0.19	-0.19	0.38	-0.18	1.6
	31	L	67626	M	0.49	0.46	-0.12	-0.26	-0.17	0.46	2.0
	32	L	67627	M	0.34	0.35	-0.15	0.35	-0.06	-0.15	2.1
	33	L	67630	M	0.39	0.39	0.39	-0.22	-0.24	0.00	2.3
	34	L	67693	J	0.30	0.82					17.7
	35	O	57002	M	0.62	0.49	-0.20	0.49	-0.27	-0.22	2.1
	37	O	52679	M	0.69	0.48	0.48	-0.29	-0.22	-0.17	0.8
	38	O	68135	M	0.47	0.41	-0.16	-0.23	0.41	-0.11	1.0
	39	O	65140	M	0.73	0.49	0.49	-0.32	-0.23	-0.18	1.0
	40	L	55183	M	0.36	0.36	0.36	-0.06	-0.23	-0.11	1.1
	41	L	55184	M	0.42	0.35	-0.03	0.35	-0.19	-0.17	1.2
	42	L	64715	J	0.32	0.84					12.1
	43	L	68180	M	0.41	0.30	0.30	-0.22	0.06	-0.20	1.5
	44	L	68181	M	0.34	0.39	-0.05	0.39	-0.23	-0.17	1.6
	45	L	68127	M	0.46	0.53	-0.27	-0.18	-0.19	0.53	1.6
	46	L	68293	M	0.57	0.51	-0.24	-0.24	-0.21	0.51	1.7
	47	O	52612	M	0.61	0.56	-0.28	-0.25	0.56	-0.25	1.3
	48	O	65067	M	0.63	0.60	0.60	-0.40	-0.24	-0.15	1.7
	49	L	52731	J	0.28	0.77					13.1
	50	L	67667	M	0.38	0.25	-0.03	-0.25	-0.08	0.25	0.9

Table A4. Summary Item Statistics - Operational Items  
Biology - January Primary

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	51	L	67668	M	0.55	0.51	-0.17	0.51	-0.27	-0.23	0.9
	54	O	52755	M	0.48	0.41	-0.26	0.41	-0.13	-0.11	1.0
	55	O	55067	M	0.59	0.51	-0.22	-0.29	0.51	-0.19	1.0
	56	L	67621	J	0.24	0.83					18.5
	57	L	52572	M	0.51	0.68	0.68	-0.32	-0.29	-0.18	4.5
	58	L	52571	M	0.43	0.61	0.61	-0.19	-0.32	-0.18	4.5
	62	L	79416	M	0.77	0.50	-0.26	0.50	-0.28	-0.19	1.1
	63	O	54963	M	0.51	0.40	-0.12	-0.25	0.40	-0.19	0.9
	64	L	55011	M	0.57	0.59	-0.23	-0.29	-0.28	0.59	1.3
	65	L	55010	M	0.49	0.47	-0.22	-0.14	0.47	-0.24	1.3
	68	L	52615	M	0.50	0.45	-0.07	-0.25	0.45	-0.28	1.6
	69	L	52614	M	0.53	0.45	0.45	-0.17	-0.25	-0.17	1.6
	71	O	52653	M	0.54	0.47	-0.21	-0.19	0.47	-0.22	1.8

Table A5. Summary Item Statistics - Operational Items  
Biology - January Make-Up 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
C	1	L	52416	M	0.74	0.34	-0.29	0.34	-0.11	-0.12	0.0
	2	O	68283	M	0.77	0.43	-0.31	-0.18	0.43	-0.19	0.1
	3	L	52604	M	0.58	0.52	0.52	-0.25	-0.30	-0.19	0.3
	4	L	52603	M	0.67	0.51	-0.25	-0.24	0.51	-0.27	0.2
	5	L	52605	M	0.48	0.54	-0.22	0.54	-0.23	-0.27	0.4
	6	O	68196	M	0.56	0.37	-0.26	-0.10	-0.14	0.37	0.8
	9	O	65076	M	0.56	0.37	-0.18	0.37	-0.26	-0.07	0.7
	11	L	64729	J	0.20	0.73					18.6
	12	L	67586	M	0.59	0.43	-0.22	0.43	-0.19	-0.21	0.4
	13	L	52474	M	0.65	0.46	-0.23	-0.25	0.46	-0.19	0.5
	14	O	64727	M	0.62	0.36	0.13	-0.31	0.36	-0.27	0.5
	15	O	60539	M	0.37	0.42	-0.13	-0.19	0.42	-0.18	1.0
	20	L	67682	J	0.31	0.80					11.5
	21	O	68224	M	0.28	0.18	-0.05	-0.04	0.18	-0.02	2.6
	22	L	53465	M	0.33	0.31	-0.16	0.31	-0.17	-0.03	1.5
	23	L	53466	M	0.42	0.48	-0.11	0.48	-0.24	-0.23	1.4
	24	O	57077	M	0.79	0.51	0.51	-0.29	-0.22	-0.23	1.6
	25	O	55129	M	0.29	0.45	-0.10	-0.12	-0.21	0.45	1.8
	26	O	52449	M	0.62	0.49	-0.17	-0.24	-0.25	0.49	2.0
	27	L	68270	J	0.27	0.84					13.1
	28	O	68260	M	0.34	0.30	-0.18	0.30	-0.05	-0.04	3.3
	29	O	68258	M	0.63	0.46	0.46	-0.21	-0.22	-0.13	3.1
	30	O	68259	M	0.48	0.36	-0.10	-0.13	-0.18	0.36	3.6
	31	L	67626	M	0.49	0.46	-0.12	-0.26	-0.17	0.46	2.0
	32	L	67627	M	0.34	0.35	-0.15	0.35	-0.06	-0.15	2.1
	33	L	67630	M	0.39	0.39	0.39	-0.22	-0.24	0.00	2.3
	34	L	67693	J	0.30	0.82					17.7
	35	O	57002	M	0.62	0.49	-0.20	0.49	-0.27	-0.22	2.1
	37	O	67685	M	0.29	0.11	0.02	0.11	-0.05	-0.01	2.6
	38	O	67562	M	0.56	0.27	-0.14	-0.04	0.27	-0.12	2.6
	39	O	65140	M	0.73	0.49	0.49	-0.32	-0.23	-0.18	1.0
	40	L	55183	M	0.36	0.36	0.36	-0.06	-0.23	-0.11	1.1
	41	L	55184	M	0.42	0.35	-0.03	0.35	-0.19	-0.17	1.2
	42	L	64715	J	0.32	0.84					12.1
	43	L	68180	M	0.41	0.30	0.30	-0.22	0.06	-0.20	1.5
	44	L	68181	M	0.34	0.39	-0.05	0.39	-0.23	-0.17	1.6
	45	L	68127	M	0.46	0.53	-0.27	-0.18	-0.19	0.53	1.6
	46	L	68293	M	0.57	0.51	-0.24	-0.24	-0.21	0.51	1.7
	47	O	57009	M	0.32	0.27	0.27	-0.04	-0.07	-0.08	4.4
	48	O	65067	M	0.63	0.60	0.60	-0.40	-0.24	-0.15	1.7
	49	L	52731	J	0.28	0.77					13.1
	50	L	67667	M	0.38	0.25	-0.03	-0.25	-0.08	0.25	0.9

Table A5. Summary Item Statistics - Operational Items  
Biology - January Make-Up 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	51	L	67668	M	0.55	0.51	-0.17	0.51	-0.27	-0.23	0.9
	54	O	52755	M	0.48	0.41	-0.26	0.41	-0.13	-0.11	1.0
	55	O	55067	M	0.59	0.51	-0.22	-0.29	0.51	-0.19	1.0
	56	L	67621	J	0.24	0.83					18.5
	57	L	52572	M	0.51	0.68	0.68	-0.32	-0.29	-0.18	4.5
	58	L	52571	M	0.43	0.61	0.61	-0.19	-0.32	-0.18	4.5
	62	L	79416	M	0.77	0.50	-0.26	0.50	-0.28	-0.19	1.1
	63	O	65065	M	0.36	0.39	-0.07	0.39	-0.21	-0.11	3.1
	64	L	55011	M	0.57	0.59	-0.23	-0.29	-0.28	0.59	1.3
	65	L	55010	M	0.49	0.47	-0.22	-0.14	0.47	-0.24	1.3
	68	L	52615	M	0.50	0.45	-0.07	-0.25	0.45	-0.28	1.6
	69	L	52614	M	0.53	0.45	0.45	-0.17	-0.25	-0.17	1.6
	71	O	52653	M	0.54	0.47	-0.21	-0.19	0.47	-0.22	1.8



Table A6. Summary Item Statistics - Operational Items  
Biology - January Make-Up 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
D	1	L	52416	M	0.74	0.34	-0.29	0.34	-0.11	-0.12	0.0
	2	O	57054	M	0.44	0.37	-0.12	-0.16	0.37	-0.22	0.0
	3	L	52604	M	0.58	0.52	0.52	-0.25	-0.30	-0.19	0.3
	4	L	52603	M	0.67	0.51	-0.25	-0.24	0.51	-0.27	0.2
	5	L	52605	M	0.48	0.54	-0.22	0.54	-0.23	-0.27	0.4
	6	O	54963	M	0.51	0.40	-0.12	-0.25	0.40	-0.19	0.9
	9	O	67695	M	0.62	0.42	-0.34	-0.03	0.42	-0.22	0.2
	11	L	64729	J	0.20	0.73					18.6
	12	L	67586	M	0.59	0.43	-0.22	0.43	-0.19	-0.21	0.4
	13	L	52474	M	0.65	0.46	-0.23	-0.25	0.46	-0.19	0.5
	14	O	67672	M	0.58	0.38	0.38	-0.16	-0.21	-0.17	0.3
	15	O	79465	M	0.33	0.30	0.30	-0.01	-0.19	-0.13	0.6
	20	L	67682	J	0.31	0.80					11.5
	21	O	55073	M	0.70	0.28	-0.13	0.28	-0.12	-0.13	1.4
	22	L	53465	M	0.33	0.31	-0.16	0.31	-0.17	-0.03	1.5
	23	L	53466	M	0.42	0.48	-0.11	0.48	-0.24	-0.23	1.4
	24	O	68188	M	0.35	0.33	-0.23	0.02	-0.18	0.33	1.3
	25	O	52501	M	0.46	0.45	-0.13	-0.26	-0.19	0.45	1.0
	26	O	52457	M	0.50	0.45	-0.17	-0.25	0.45	-0.21	1.8
	27	L	68270	J	0.27	0.84					13.1
	28	O	52454	M	0.52	0.47	-0.17	-0.30	-0.16	0.47	1.5
	29	O	52452	M	0.76	0.48	-0.20	-0.24	-0.26	0.48	1.6
	30	O	52451	M	0.91	0.38	-0.19	-0.19	0.38	-0.18	1.6
	31	L	67626	M	0.49	0.46	-0.12	-0.26	-0.17	0.46	2.0
	32	L	67627	M	0.34	0.35	-0.15	0.35	-0.06	-0.15	2.1
	33	L	67630	M	0.39	0.39	0.39	-0.22	-0.24	0.00	2.3
	34	L	67693	J	0.30	0.82					17.7
	35	O	67684	M	0.46	0.42	-0.18	-0.26	0.42	-0.04	1.5
	37	O	52679	M	0.69	0.48	0.48	-0.29	-0.22	-0.17	0.8
	38	O	68135	M	0.47	0.41	-0.16	-0.23	0.41	-0.11	1.0
	39	O	53449	M	0.47	0.42	-0.19	0.42	-0.22	-0.13	1.0
	40	L	55183	M	0.36	0.36	0.36	-0.06	-0.23	-0.11	1.1
	41	L	55184	M	0.42	0.35	-0.03	0.35	-0.19	-0.17	1.2
	42	L	64715	J	0.32	0.84					12.1
	43	L	68180	M	0.41	0.30	0.30	-0.22	0.06	-0.20	1.5
	44	L	68181	M	0.34	0.39	-0.05	0.39	-0.23	-0.17	1.6
	45	L	68127	M	0.46	0.53	-0.27	-0.18	-0.19	0.53	1.6
	46	L	68293	M	0.57	0.51	-0.24	-0.24	-0.21	0.51	1.7
	47	O	52612	M	0.61	0.56	-0.28	-0.25	0.56	-0.25	1.3
	48	O	52685	M	0.64	0.47	-0.24	0.47	-0.21	-0.20	1.3
	49	L	52731	J	0.28	0.77					13.1
	50	L	67667	M	0.38	0.25	-0.03	-0.25	-0.08	0.25	0.9

Table A6. Summary Item Statistics - Operational Items  
 Biology - January Make-Up 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	51	L	67668	M	0.55	0.51	-0.17	0.51	-0.27	-0.23	0.9
	54	O	65119	M	0.59	0.37	0.37	-0.25	-0.15	-0.12	0.5
	55	O	67696	M	0.33	0.24	0.24	-0.20	-0.21	0.10	0.8
	56	L	67621	J	0.24	0.83					18.5
	57	L	52572	M	0.51	0.68	0.68	-0.32	-0.29	-0.18	4.5
	58	L	52571	M	0.43	0.61	0.61	-0.19	-0.32	-0.18	4.5
	62	L	79416	M	0.77	0.50	-0.26	0.50	-0.28	-0.19	1.1
	63	O	79428	M	0.44	0.51	-0.19	-0.29	0.51	-0.17	0.2
	64	L	55011	M	0.57	0.59	-0.23	-0.29	-0.28	0.59	1.3
	65	L	55010	M	0.49	0.47	-0.22	-0.14	0.47	-0.24	1.3
	68	L	52615	M	0.50	0.45	-0.07	-0.25	0.45	-0.28	1.6
	69	L	52614	M	0.53	0.45	0.45	-0.17	-0.25	-0.17	1.6
	71	O	67692	M	0.32	0.35	-0.08	0.35	-0.18	-0.12	1.3

Table A7. Summary Item Statistics - Operational Items  
English - January Primary

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
AB	1	O	96169	J	0.67	0.60					2.0
	2	O	96170	M	0.54	0.30	-0.10	0.30	-0.18	-0.15	0.1
	3	O	96171	M	0.67	0.51	-0.23	-0.28	-0.27	0.51	0.2
	4	O	96172	M	0.61	0.52	0.52	-0.28	-0.25	-0.23	0.2
	5	O	96173	M	0.71	0.43	-0.23	-0.25	-0.24	0.43	0.2
	6	O	96174	M	0.71	0.49	-0.28	0.49	-0.28	-0.19	0.2
	7	L	96255	M	0.80	0.43	0.43	-0.26	-0.24	-0.19	0.1
	8	L	96256	M	0.69	0.28	-0.05	-0.16	0.28	-0.29	0.3
	9	L	96258	M	0.57	0.36	-0.23	-0.16	0.36	-0.14	0.4
	10	L	96259	M	0.61	0.38	-0.26	-0.12	-0.28	0.38	0.6
	11	L	96260	M	0.67	0.37	-0.08	-0.26	-0.24	0.37	0.7
	12	L	132800	M	0.79	0.46	-0.30	-0.23	0.46	-0.22	0.6
	13	L	96262	M	0.55	0.42	-0.22	-0.14	-0.22	0.42	0.7
	14	O	95971	M	0.68	0.32	-0.16	0.32	-0.19	-0.11	1.0
	15	O	95972	M	0.79	0.55	0.55	-0.27	-0.31	-0.29	1.4
	16	O	95973	M	0.60	0.40	-0.13	-0.21	-0.21	0.40	1.7
	17	O	95974	M	0.78	0.60	0.60	-0.26	-0.37	-0.29	1.7
	18	O	95975	M	0.44	0.32	-0.15	-0.13	0.32	-0.11	1.8
	19	O	95976	J	0.51	0.72					10.6
	23	O	95969	J	0.55	0.71					4.3
	24	L	95978	M	0.73	0.54	-0.26	-0.30	0.54	-0.27	0.4
	25	L	95979	M	0.69	0.43	-0.18	-0.30	-0.18	0.43	0.4
	26	L	95980	M	0.82	0.45	-0.22	-0.27	0.45	-0.26	0.4
	27	L	96078	M	0.66	0.42	0.42	-0.21	-0.23	-0.17	0.4
	28	L	96079	M	0.90	0.43	-0.22	-0.24	0.43	-0.22	0.4
	29	L	96080	M	0.80	0.55	-0.29	0.55	-0.30	-0.27	0.4
	30	L	96111	M	0.75	0.47	0.47	-0.31	-0.22	-0.22	0.5
	31	L	96112	M	0.73	0.48	-0.30	0.48	-0.32	-0.15	0.5
	32	L	96113	M	0.72	0.42	-0.15	0.42	-0.29	-0.23	0.5
	33	L	96114	M	0.76	0.56	-0.28	-0.29	-0.31	0.56	0.5
	34	L	96115	M	0.66	0.55	-0.26	-0.23	-0.30	0.55	0.5
	49*	L	95996	M	0.63	0.45	-0.23	0.45	-0.29	-0.10	1.4
	50*	O	95997	M	0.40	0.28	0.28	-0.07	-0.20	-0.06	1.4
	51*	L	96205	M	0.66	0.50	-0.33	0.50	-0.26	-0.19	0.7
	52*	L	96206	M	0.80	0.50	-0.29	-0.29	0.50	-0.19	0.6
	53*	L	96207	M	0.68	0.42	-0.25	-0.26	0.42	-0.06	0.7
	54*	L	96208	M	0.68	0.33	0.33	-0.13	-0.22	-0.11	0.7
	55*	L	96209	M	0.81	0.46	-0.27	-0.29	0.46	-0.15	0.7
	56*	L	96210	M	0.84	0.52	0.52	-0.28	-0.29	-0.23	0.8
	57*	L	96211	M	0.76	0.32	0.32	-0.25	-0.11	-0.14	0.8
	58*	L	96212	M	0.73	0.46	0.46	-0.22	-0.27	-0.23	0.6
	59*	L	96213	M	0.75	0.51	-0.27	0.51	-0.23	-0.28	0.7

Table A7. Summary Item Statistics - Operational Items  
English - January Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	60*	L	96214	J	0.51	0.70					6.2
	61*	O	95607	M	0.30	0.25	-0.09	-0.07	0.25	-0.08	0.8
	62*	O	95608	M	0.49	0.35	-0.26	0.35	-0.07	-0.30	0.8
	63*	O	95609	M	0.68	0.53	0.53	-0.29	-0.25	-0.20	0.9
	64*	O	95610	M	0.64	0.54	-0.25	-0.23	-0.26	0.54	0.9
	65*	O	95611	M	0.79	0.50	-0.26	-0.28	0.50	-0.20	1.0
	66*	O	96223	M	0.68	0.36	0.36	-0.10	-0.30	-0.16	1.1
	67*	O	96224	M	0.60	0.45	-0.17	-0.23	0.45	-0.20	1.3

\* Tabled item position number is based on Form A and varies somewhat on Form B.

Table A8. Summary Item Statistics - Operational Items  
English - January Make-Up 1

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
C	1	O	96337	J	0.49	0.70					8.8
	2	O	96067	M	0.55	0.20	-0.04	-0.16	0.20	-0.17	0.2
	3	O	96068	M	0.69	0.41	0.41	-0.22	-0.27	-0.12	0.0
	4	O	96069	M	0.26	0.30	0.09	-0.24	-0.26	0.30	0.0
	5	O	96070	M	0.67	0.36	-0.24	-0.17	0.36	-0.15	0.0
	6	O	96071	M	0.64	0.53	0.53	-0.27	-0.30	-0.21	0.4
	7	L	96255	M	0.80	0.43	0.43	-0.26	-0.24	-0.19	0.1
	8	L	96256	M	0.69	0.28	-0.05	-0.16	0.28	-0.29	0.3
	9	L	96258	M	0.57	0.36	-0.23	-0.16	0.36	-0.14	0.4
	10	L	96259	M	0.61	0.38	-0.26	-0.12	-0.28	0.38	0.6
	11	L	96260	M	0.67	0.37	-0.08	-0.26	-0.24	0.37	0.7
	12	L	132800	M	0.79	0.46	-0.30	-0.23	0.46	-0.22	0.6
	13	L	96262	M	0.55	0.42	-0.22	-0.14	-0.22	0.42	0.7
	14	O	95971	M	0.68	0.32	-0.16	0.32	-0.19	-0.11	1.0
	15	O	95972	M	0.79	0.55	0.55	-0.27	-0.31	-0.29	1.4
	16	O	95973	M	0.60	0.40	-0.13	-0.21	-0.21	0.40	1.7
	17	O	95974	M	0.78	0.60	0.60	-0.26	-0.37	-0.29	1.7
	18	O	95975	M	0.44	0.32	-0.15	-0.13	0.32	-0.11	1.8
	19	O	95976	J	0.51	0.72					10.6
	23	O	95969	J	0.55	0.71					4.3
	24	L	95978	M	0.73	0.54	-0.26	-0.30	0.54	-0.27	0.4
	25	L	95979	M	0.69	0.43	-0.18	-0.30	-0.18	0.43	0.4
	26	L	95980	M	0.82	0.45	-0.22	-0.27	0.45	-0.26	0.4
	27	L	96078	M	0.66	0.42	0.42	-0.21	-0.23	-0.17	0.4
	28	L	96079	M	0.90	0.43	-0.22	-0.24	0.43	-0.22	0.4
	29	L	96080	M	0.80	0.55	-0.29	0.55	-0.30	-0.27	0.4
	30	L	96111	M	0.75	0.47	0.47	-0.31	-0.22	-0.22	0.5
	31	L	96112	M	0.73	0.48	-0.30	0.48	-0.32	-0.15	0.5
	32	L	96113	M	0.72	0.42	-0.15	0.42	-0.29	-0.23	0.5
	33	L	96114	M	0.76	0.56	-0.28	-0.29	-0.31	0.56	0.5
	34	L	96115	M	0.66	0.55	-0.26	-0.23	-0.30	0.55	0.5
	49	L	95996	M	0.63	0.45	-0.23	0.45	-0.29	-0.10	1.4
	50	O	95997	M	0.40	0.28	0.28	-0.07	-0.20	-0.06	1.4
	51	L	96205	M	0.66	0.50	-0.33	0.50	-0.26	-0.19	0.7
	52	L	96206	M	0.80	0.50	-0.29	-0.29	0.50	-0.19	0.6
	53	L	96207	M	0.68	0.42	-0.25	-0.26	0.42	-0.06	0.7
	54	L	96208	M	0.68	0.33	0.33	-0.13	-0.22	-0.11	0.7
	55	L	96209	M	0.81	0.46	-0.27	-0.29	0.46	-0.15	0.7
	56	L	96210	M	0.84	0.52	0.52	-0.28	-0.29	-0.23	0.8
	57	L	96211	M	0.76	0.32	0.32	-0.25	-0.11	-0.14	0.8
	58	L	96212	M	0.73	0.46	0.46	-0.22	-0.27	-0.23	0.6
	59	L	96213	M	0.75	0.51	-0.27	0.51	-0.23	-0.28	0.7

Table A8. Summary Item Statistics - Operational Items  
 English - January Make-Up 1

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	60	L	96214	J	0.51	0.70					6.2
	61	O	96039	M	0.61	0.59	-0.31	-0.20	-0.31	0.59	2.4
	62	O	96040	M	0.39	0.25	0.25	-0.32	0.05	0.02	2.4
	63	O	96041	M	0.70	0.49	-0.25	-0.29	0.49	-0.15	2.4
	64	O	96042	M	0.45	0.39	0.39	-0.15	-0.12	-0.16	2.4
	65	O	96043	M	0.51	0.49	-0.17	-0.28	0.49	-0.14	2.6
	66	O	96223	M	0.68	0.36	0.36	-0.10	-0.30	-0.16	1.1
	67	O	96224	M	0.60	0.45	-0.17	-0.23	0.45	-0.20	1.3

Table A9. Summary Item Statistics - Operational Items  
English - January Make-Up 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
D	1	O	96169	J	0.67	0.60					2.0
	2	O	96170	M	0.54	0.30	-0.10	0.30	-0.18	-0.15	0.1
	3	O	96171	M	0.67	0.51	-0.23	-0.28	-0.27	0.51	0.2
	4	O	96172	M	0.61	0.52	0.52	-0.28	-0.25	-0.23	0.2
	5	O	96173	M	0.71	0.43	-0.23	-0.25	-0.24	0.43	0.2
	6	O	96174	M	0.71	0.49	-0.28	0.49	-0.28	-0.19	0.2
	7	L	96255	M	0.80	0.43	0.43	-0.26	-0.24	-0.19	0.1
	8	L	96256	M	0.69	0.28	-0.05	-0.16	0.28	-0.29	0.3
	9	L	96258	M	0.57	0.36	-0.23	-0.16	0.36	-0.14	0.4
	10	L	96259	M	0.61	0.38	-0.26	-0.12	-0.28	0.38	0.6
	11	L	96260	M	0.67	0.37	-0.08	-0.26	-0.24	0.37	0.7
	12	L	132800	M	0.79	0.46	-0.30	-0.23	0.46	-0.22	0.6
	13	L	96262	M	0.55	0.42	-0.22	-0.14	-0.22	0.42	0.7
	14	O	96356	M	0.28	0.50	-0.17	-0.14	-0.29	0.50	1.8
	15	O	96358	M	0.57	0.49	-0.40	-0.18	0.49	-0.15	2.8
	16	O	96359	M	0.41	0.36	0.36	-0.06	-0.21	-0.20	2.8
	17	O	96360	M	0.59	0.62	-0.18	-0.31	0.62	-0.37	2.8
	18	O	96361	M	0.34	0.50	-0.23	-0.07	-0.26	0.50	4.6
	19	O	96362	J	0.31	0.68					23.9
	23	O	96081	J	0.38	0.54					14.7
	24	L	95978	M	0.73	0.54	-0.26	-0.30	0.54	-0.27	0.4
	25	L	95979	M	0.69	0.43	-0.18	-0.30	-0.18	0.43	0.4
	26	L	95980	M	0.82	0.45	-0.22	-0.27	0.45	-0.26	0.4
	27	L	96078	M	0.66	0.42	0.42	-0.21	-0.23	-0.17	0.4
	28	L	96079	M	0.90	0.43	-0.22	-0.24	0.43	-0.22	0.4
	29	L	96080	M	0.80	0.55	-0.29	0.55	-0.30	-0.27	0.4
	30	L	96111	M	0.75	0.47	0.47	-0.31	-0.22	-0.22	0.5
	31	L	96112	M	0.73	0.48	-0.30	0.48	-0.32	-0.15	0.5
	32	L	96113	M	0.72	0.42	-0.15	0.42	-0.29	-0.23	0.5
	33	L	96114	M	0.76	0.56	-0.28	-0.29	-0.31	0.56	0.5
	34	L	96115	M	0.66	0.55	-0.26	-0.23	-0.30	0.55	0.5
	49	L	95996	M	0.63	0.45	-0.23	0.45	-0.29	-0.10	1.4
	50	O	96383	M	0.40	0.44	-0.12	0.44	-0.33	-0.05	0.9
	51	L	96205	M	0.66	0.50	-0.33	0.50	-0.26	-0.19	0.7
	52	L	96206	M	0.80	0.50	-0.29	-0.29	0.50	-0.19	0.6
	53	L	96207	M	0.68	0.42	-0.25	-0.26	0.42	-0.06	0.7
	54	L	96208	M	0.68	0.33	0.33	-0.13	-0.22	-0.11	0.7
	55	L	96209	M	0.81	0.46	-0.27	-0.29	0.46	-0.15	0.7
	56	L	96210	M	0.84	0.52	0.52	-0.28	-0.29	-0.23	0.8
	57	L	96211	M	0.76	0.32	0.32	-0.25	-0.11	-0.14	0.8
	58	L	96212	M	0.73	0.46	0.46	-0.22	-0.27	-0.23	0.6
	59	L	96213	M	0.75	0.51	-0.27	0.51	-0.23	-0.28	0.7

Table A9. Summary Item Statistics - Operational Items  
 English - January Make-Up 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	60	L	96214	J	0.51	0.70					6.2
	61	O	95607	M	0.30	0.25	-0.09	-0.07	0.25	-0.08	0.8
	62	O	95608	M	0.49	0.35	-0.26	0.35	-0.07	-0.30	0.8
	63	O	95609	M	0.68	0.53	0.53	-0.29	-0.25	-0.20	0.9
	64	O	95610	M	0.64	0.54	-0.25	-0.23	-0.26	0.54	0.9
	65	O	95611	M	0.79	0.50	-0.26	-0.28	0.50	-0.20	1.0
	66	O	95999	M	0.42	0.28	-0.13	0.28	-0.06	-0.11	1.8
	67	O	96000	M	0.51	0.47	0.47	-0.04	-0.22	-0.29	1.8



Table A10. Summary Item Statistics - Operational Items  
Government - January Primary

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
AB	1	O	68546	M	0.84	0.44	-0.23	0.44	-0.27	-0.21	0.1
	2	O	55570	M	0.87	0.41	-0.22	-0.23	-0.23	0.41	0.1
	3	O	68611	M	0.72	0.45	-0.22	-0.25	-0.25	0.45	0.2
	4	O	68733	M	0.60	0.53	-0.27	-0.26	0.53	-0.23	0.1
	5	L	68737	M	0.72	0.52	-0.28	0.52	-0.27	-0.25	0.2
	6	L	68607	J	0.44	0.74					3.9
	9	L	51769	M	0.51	0.47	0.47	-0.22	-0.22	-0.21	0.4
	10	L	51770	M	0.46	0.37	-0.16	-0.17	0.37	-0.15	0.4
	12	O	68610	M	0.55	0.48	-0.18	0.48	-0.24	-0.25	0.2
	13	O	68550	M	0.52	0.39	-0.24	-0.14	0.39	-0.16	0.2
	14	O	58344	M	0.74	0.43	-0.23	-0.26	0.43	-0.21	0.2
	15	L	50860	M	0.65	0.45	-0.22	0.45	-0.26	-0.19	0.4
	16	L	68104	J	0.33	0.76					8.8
	17	O	55617	M	0.52	0.47	-0.18	-0.31	0.47	-0.13	0.4
	18	L	55698	M	0.56	0.33	-0.19	0.33	-0.12	-0.24	0.4
	19	O	68764	M	0.62	0.54	-0.21	-0.27	0.54	-0.29	0.4
	20	O	55573	M	0.61	0.50	-0.25	-0.25	0.50	-0.25	0.5
	21	L	53753	J	0.34	0.77					8.7
	22	L	51064	M	0.67	0.46	-0.19	0.46	-0.31	-0.19	0.7
	23	L	68024	M	0.51	0.44	-0.22	-0.22	0.44	-0.14	0.7
	26	L	51147	M	0.76	0.53	-0.24	-0.29	0.53	-0.27	0.9
	27	L	68683	M	0.54	0.36	0.36	-0.08	-0.24	-0.22	0.9
	28	O	65159	J	0.36	0.82					12.7
	29	L	52268	M	0.74	0.47	-0.17	-0.29	0.47	-0.24	1.5
	30	O	58346	M	0.44	0.23	0.23	-0.09	-0.16	0.01	2.0
	33	L	64948	J	0.36	0.73					11.1
	34	O	68087	M	0.72	0.51	-0.32	0.51	-0.23	-0.19	2.7
	35	L	68659	M	0.45	0.34	-0.13	0.34	-0.11	-0.19	2.8
	36	L	68700	M	0.44	0.35	-0.11	0.35	-0.16	-0.13	3.3
	37	L	68512	M	0.86	0.36	-0.18	0.36	-0.24	-0.14	0.5
	38	L	51160	M	0.68	0.40	-0.25	0.40	-0.28	-0.06	0.5
	39	L	51093	M	0.70	0.35	-0.10	-0.21	0.35	-0.22	0.6
	40	L	64786	J	0.25	0.78					17.9
	41	L	51253	M	0.59	0.51	-0.24	-0.26	-0.25	0.51	0.5
	42	L	51096	M	0.78	0.43	-0.18	-0.28	0.43	-0.20	0.5
	46	L	51165	M	0.46	0.37	-0.16	0.37	-0.16	-0.13	0.5
	47	L	79688	M	0.58	0.32	-0.21	-0.15	0.32	-0.10	0.5
	48	L	58253	M	0.56	0.44	-0.26	-0.30	0.44	-0.15	0.6
	49	L	51784	M	0.60	0.57	-0.23	0.57	-0.29	-0.28	0.7
	53	O	51757	M	0.46	0.51	-0.18	-0.25	-0.21	0.51	0.7
	54	O	51749	M	0.46	0.41	-0.21	-0.09	-0.21	0.41	0.7
	55	L	68530	J	0.30	0.82					14.7

Table A10. Summary Item Statistics - Operational Items  
Government - January Primary

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	56	O	68029	M	0.59	0.54	0.54	-0.26	-0.27	-0.26	0.7
	57	O	58163	M	0.63	0.46	-0.25	0.46	-0.20	-0.20	0.7
	58	L	55664	M	0.71	0.52	0.52	-0.26	-0.26	-0.25	0.7
	59	L	55665	M	0.70	0.45	-0.20	0.45	-0.24	-0.24	0.7
	60	L	68594	J	0.28	0.79					16.8
	63	L	58259	M	0.49	0.43	-0.22	-0.19	0.43	-0.13	0.9
	64	O	68027	M	0.61	0.43	0.43	-0.21	-0.28	-0.18	0.8
	65	L	67976	M	0.68	0.57	0.57	-0.31	-0.32	-0.20	1.0
	66	L	58325	M	0.53	0.44	-0.24	-0.19	0.44	-0.15	1.0
	67	O	68728	M	0.69	0.52	-0.22	-0.25	-0.29	0.52	1.0
	68	O	58237	M	0.51	0.47	-0.23	-0.17	-0.23	0.47	1.0
	69	L	68783	M	0.56	0.47	-0.21	-0.24	0.47	-0.19	1.1
	70	L	68588	M	0.52	0.57	-0.19	-0.27	-0.28	0.57	1.1
	71	L	51113	M	0.49	0.43	-0.19	-0.26	0.43	-0.10	1.2
	72	O	58332	M	0.82	0.50	-0.24	-0.29	0.50	-0.23	1.1
	73	O	51255	M	0.46	0.47	-0.15	-0.24	-0.22	0.47	1.3

Table A11. Summary Item Statistics - Operational Items  
Government - January Make-Up 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
C	1	O	52191	M	0.66	0.40	-0.20	-0.18	-0.22	0.40	0.4
	2	O	68047	M	0.60	0.34	0.34	-0.21	-0.20	-0.11	0.3
	3	O	68611	M	0.72	0.45	-0.22	-0.25	-0.25	0.45	0.2
	4	O	68733	M	0.60	0.53	-0.27	-0.26	0.53	-0.23	0.1
	5	L	68737	M	0.72	0.52	-0.28	0.52	-0.27	-0.25	0.2
	6	L	68607	J	0.44	0.74					3.9
	9	L	51769	M	0.51	0.47	0.47	-0.22	-0.22	-0.21	0.4
	10	L	51770	M	0.46	0.37	-0.16	-0.17	0.37	-0.15	0.4
	12	O	68610	M	0.55	0.48	-0.18	0.48	-0.24	-0.25	0.2
	13	O	68618	M	0.69	0.42	-0.21	-0.20	-0.20	0.42	0.9
	14	O	68555	M	0.67	0.41	0.41	-0.22	-0.21	-0.16	0.9
	15	L	50860	M	0.65	0.45	-0.22	0.45	-0.26	-0.19	0.4
	16	L	68104	J	0.33	0.76					8.8
	17	O	55617	M	0.52	0.47	-0.18	-0.31	0.47	-0.13	0.4
	18	L	55698	M	0.56	0.33	-0.19	0.33	-0.12	-0.24	0.4
	19	O	51231	M	0.46	0.39	-0.22	-0.12	0.39	-0.14	1.0
	20	O	55573	M	0.61	0.50	-0.25	-0.25	0.50	-0.25	0.5
	21	L	53753	J	0.34	0.77					8.7
	22	L	51064	M	0.67	0.46	-0.19	0.46	-0.31	-0.19	0.7
	23	L	68024	M	0.51	0.44	-0.22	-0.22	0.44	-0.14	0.7
	26	L	51147	M	0.76	0.53	-0.24	-0.29	0.53	-0.27	0.9
	27	L	68683	M	0.54	0.36	0.36	-0.08	-0.24	-0.22	0.9
	28	O	68757	J	0.19	0.68					29.2
	29	L	52268	M	0.74	0.47	-0.17	-0.29	0.47	-0.24	1.5
	30	O	58346	M	0.44	0.23	0.23	-0.09	-0.16	0.01	2.0
	33	L	64948	J	0.36	0.73					11.1
	34	O	68087	M	0.72	0.51	-0.32	0.51	-0.23	-0.19	2.7
	35	L	68659	M	0.45	0.34	-0.13	0.34	-0.11	-0.19	2.8
	36	L	68700	M	0.44	0.35	-0.11	0.35	-0.16	-0.13	3.3
	37	L	68512	M	0.86	0.36	-0.18	0.36	-0.24	-0.14	0.5
	38	L	51160	M	0.68	0.40	-0.25	0.40	-0.28	-0.06	0.5
	39	L	51093	M	0.70	0.35	-0.10	-0.21	0.35	-0.22	0.6
	40	L	64786	J	0.25	0.78					17.9
	41	L	51253	M	0.59	0.51	-0.24	-0.26	-0.25	0.51	0.5
	42	L	51096	M	0.78	0.43	-0.18	-0.28	0.43	-0.20	0.5
	46	L	51165	M	0.46	0.37	-0.16	0.37	-0.16	-0.13	0.5
	47	L	79688	M	0.58	0.32	-0.21	-0.15	0.32	-0.10	0.5
	48	L	58253	M	0.56	0.44	-0.26	-0.30	0.44	-0.15	0.6
	49	L	51784	M	0.60	0.57	-0.23	0.57	-0.29	-0.28	0.7
	53	O	55658	M	0.40	0.25	0.25	-0.18	0.01	-0.15	0.9
	54	O	51749	M	0.46	0.41	-0.21	-0.09	-0.21	0.41	0.7
	55	L	68530	J	0.30	0.82					14.7

Table A11. Summary Item Statistics - Operational Items  
Government - January Make-Up 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	56	O	51011	M	0.39	0.37	-0.22	-0.21	0.37	-0.03	0.9
	57	O	58163	M	0.63	0.46	-0.25	0.46	-0.20	-0.20	0.7
	58	L	55664	M	0.71	0.52	0.52	-0.26	-0.26	-0.25	0.7
	59	L	55665	M	0.70	0.45	-0.20	0.45	-0.24	-0.24	0.7
	60	L	68594	J	0.28	0.79					16.8
	63	L	58259	M	0.49	0.43	-0.22	-0.19	0.43	-0.13	0.9
	64	O	67966	M	0.54	0.41	-0.20	-0.15	-0.19	0.41	1.0
	65	L	67976	M	0.68	0.57	0.57	-0.31	-0.32	-0.20	1.0
	66	L	58325	M	0.53	0.44	-0.24	-0.19	0.44	-0.15	1.0
	67	O	58364	M	0.38	0.18	-0.14	-0.19	0.18	0.11	1.4
	68	O	68078	M	0.33	0.34	-0.23	0.00	0.34	-0.20	1.3
	69	L	68783	M	0.56	0.47	-0.21	-0.24	0.47	-0.19	1.1
	70	L	68588	M	0.52	0.57	-0.19	-0.27	-0.28	0.57	1.1
	71	L	51113	M	0.49	0.43	-0.19	-0.26	0.43	-0.10	1.2
	72	O	58332	M	0.82	0.50	-0.24	-0.29	0.50	-0.23	1.1
	73	O	51255	M	0.46	0.47	-0.15	-0.24	-0.22	0.47	1.3

Table A12. Summary Item Statistics - Operational Items  
Government - January Make-Up 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
D	1	O	68546	M	0.84	0.44	-0.23	0.44	-0.27	-0.21	0.1
	2	O	55570	M	0.87	0.41	-0.22	-0.23	-0.23	0.41	0.1
	3	O	79667	M	0.46	0.37	0.37	-0.13	-0.17	-0.21	1.3
	4	O	68623	M	0.41	0.33	-0.27	-0.12	-0.02	0.33	0.9
	5	L	68737	M	0.72	0.52	-0.28	0.52	-0.27	-0.25	0.2
	6	L	68607	J	0.44	0.74					3.9
	9	L	51769	M	0.51	0.47	0.47	-0.22	-0.22	-0.21	0.4
	10	L	51770	M	0.46	0.37	-0.16	-0.17	0.37	-0.15	0.4
	12	O	68552	M	0.37	0.23	0.23	-0.18	-0.25	0.14	0.9
	13	O	68550	M	0.52	0.39	-0.24	-0.14	0.39	-0.16	0.2
	14	O	58344	M	0.74	0.43	-0.23	-0.26	0.43	-0.21	0.2
	15	L	50860	M	0.65	0.45	-0.22	0.45	-0.26	-0.19	0.4
	16	L	68104	J	0.33	0.76					8.8
	17	O	68746	M	0.18	0.22	0.22	-0.13	-0.23	0.16	1.3
	18	L	55698	M	0.56	0.33	-0.19	0.33	-0.12	-0.24	0.4
	19	O	68764	M	0.62	0.54	-0.21	-0.27	0.54	-0.29	0.4
	20	O	55718	M	0.35	0.17	0.17	-0.05	-0.21	0.06	0.9
	21	L	53753	J	0.34	0.77					8.7
	22	L	51064	M	0.67	0.46	-0.19	0.46	-0.31	-0.19	0.7
	23	L	68024	M	0.51	0.44	-0.22	-0.22	0.44	-0.14	0.7
	26	L	51147	M	0.76	0.53	-0.24	-0.29	0.53	-0.27	0.9
	27	L	68683	M	0.54	0.36	0.36	-0.08	-0.24	-0.22	0.9
	28	O	65159	J	0.36	0.82					12.7
	29	L	52268	M	0.74	0.47	-0.17	-0.29	0.47	-0.24	1.5
	30	O	51258	M	0.41	0.51	-0.12	-0.20	-0.21	0.51	4.3
	33	L	64948	J	0.36	0.73					11.1
	34	O	68527	M	0.33	0.25	-0.11	0.25	-0.03	-0.05	4.7
	35	L	68659	M	0.45	0.34	-0.13	0.34	-0.11	-0.19	2.8
	36	L	68700	M	0.44	0.35	-0.11	0.35	-0.16	-0.13	3.3
	37	L	68512	M	0.86	0.36	-0.18	0.36	-0.24	-0.14	0.5
	38	L	51160	M	0.68	0.40	-0.25	0.40	-0.28	-0.06	0.5
	39	L	51093	M	0.70	0.35	-0.10	-0.21	0.35	-0.22	0.6
	40	L	64786	J	0.25	0.78					17.9
	41	L	51253	M	0.59	0.51	-0.24	-0.26	-0.25	0.51	0.5
	42	L	51096	M	0.78	0.43	-0.18	-0.28	0.43	-0.20	0.5
	46	L	51165	M	0.46	0.37	-0.16	0.37	-0.16	-0.13	0.5
	47	L	79688	M	0.58	0.32	-0.21	-0.15	0.32	-0.10	0.5
	48	L	58253	M	0.56	0.44	-0.26	-0.30	0.44	-0.15	0.6
	49	L	51784	M	0.60	0.57	-0.23	0.57	-0.29	-0.28	0.7
	53	O	51757	M	0.46	0.51	-0.18	-0.25	-0.21	0.51	0.7
	54	O	51202	M	0.29	0.31	-0.11	-0.09	-0.07	0.31	1.7
	55	L	68530	J	0.30	0.82					14.7

Table A12. Summary Item Statistics - Operational Items  
Government - January Make-Up 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	56	O	68029	M	0.59	0.54	0.54	-0.26	-0.27	-0.26	0.7
	57	O	51200	M	0.40	0.33	-0.13	0.33	-0.17	-0.03	2.6
	58	L	55664	M	0.71	0.52	0.52	-0.26	-0.26	-0.25	0.7
	59	L	55665	M	0.70	0.45	-0.20	0.45	-0.24	-0.24	0.7
	60	L	68594	J	0.28	0.79					16.8
	63	L	58259	M	0.49	0.43	-0.22	-0.19	0.43	-0.13	0.9
	64	O	68027	M	0.61	0.43	0.43	-0.21	-0.28	-0.18	0.8
	65	L	67976	M	0.68	0.57	0.57	-0.31	-0.32	-0.20	1.0
	66	L	58325	M	0.53	0.44	-0.24	-0.19	0.44	-0.15	1.0
	67	O	68728	M	0.69	0.52	-0.22	-0.25	-0.29	0.52	1.0
	68	O	58237	M	0.51	0.47	-0.23	-0.17	-0.23	0.47	1.0
	69	L	68783	M	0.56	0.47	-0.21	-0.24	0.47	-0.19	1.1
	70	L	68588	M	0.52	0.57	-0.19	-0.27	-0.28	0.57	1.1
	71	L	51113	M	0.49	0.43	-0.19	-0.26	0.43	-0.10	1.2
	72	O	51094	M	0.35	0.44	-0.04	-0.14	-0.25	0.44	2.6
	73	O	52281	M	0.58	0.50	-0.26	-0.21	0.50	-0.18	2.6

Table A13. Summary Item Statistics - Operational Items  
Algebra - May Primary

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
E-K	1	O	56692	M	0.92	0.32	-0.23	0.32	-0.18	-0.12	0.1
	2	L	56700	M	0.85	0.46	-0.24	0.46	-0.32	-0.16	0.4
	3	L	67433	M	0.42	0.32	-0.14	-0.15	0.32	-0.13	0.3
	4	O	54557	M	0.89	0.41	0.41	-0.25	-0.25	-0.18	0.1
	5	L	56638	M	0.60	0.51	0.51	-0.11	-0.34	-0.28	0.2
	8	L	67530	M	0.63	0.37	0.37	-0.12	-0.20	-0.23	0.2
	9	L	56807	M	0.63	0.46	-0.22	-0.28	-0.21	0.46	0.2
	10	O	54645	M	0.60	0.37	0.37	-0.18	-0.20	-0.20	0.2
	11	L	54611	M	0.59	0.40	0.40	-0.22	-0.19	-0.16	0.4
	12	L	79111	J	0.67	0.82					4.2
	14	O	67509	G	0.80	0.40	0.40	-0.35			1.4
	15	L	43141	G	0.51	0.42	0.42	-0.33			4.9
	16	O	79078	G	0.77	0.48	0.48	-0.42			3.1
	17	L	51510	J	0.36	0.67					8.1
	20	L	54806	M	0.66	0.55	-0.32	-0.27	-0.18	0.55	1.4
	21	L	50446	J	0.64	0.77					4.6
	22	L	56649	M	0.46	0.47	-0.15	-0.25	-0.25	0.47	2.7
	23	O	56740	M	0.53	0.49	-0.26	-0.30	0.49	-0.01	3.1
	24	L	67534	M	0.72	0.50	-0.27	-0.19	-0.25	0.50	3.2
	25	L	56780	M	0.78	0.43	-0.22	0.43	-0.27	-0.18	0.2
	26	O	54814	M	0.95	0.35	-0.20	0.35	-0.19	-0.19	0.2
	27	L	56586	M	0.72	0.45	0.45	-0.20	-0.28	-0.18	0.4
	28	O	56733	M	0.74	0.47	-0.31	-0.24	0.47	-0.18	0.3
	32	O	51471	M	0.61	0.60	-0.23	-0.40	-0.23	0.60	0.5
	33	L	56689	M	0.68	0.47	-0.16	0.47	-0.21	-0.34	0.3
	34	L	54826	M	0.56	0.49	0.49	-0.24	-0.20	-0.27	0.3
	36	L	56646	J	0.44	0.65					13.0
	37	L	67431	G	0.80	0.58	0.58	-0.52			1.9
	38	O	51522	G	0.35	0.47	0.47	-0.36			10.4
	39	L	51440	G	0.66	0.41	0.41	-0.34			2.9
	41	L	56786	J	0.47	0.66					5.0
	42	O	50438	M	0.32	0.34	-0.18	-0.12	0.34	-0.04	1.2
	43	O	56506	M	0.76	0.52	-0.22	-0.36	0.52	-0.17	1.3
	44	O	43197	M	0.63	0.53	0.53	-0.16	-0.34	-0.28	1.5
	45	O	64697	J	0.43	0.75					15.5
	46	L	43164	M	0.72	0.27	-0.14	-0.15	0.27	-0.12	1.4
	47	L	54673	M	0.58	0.49	-0.25	-0.25	-0.19	0.49	1.6
	48	O	67403	M	0.32	0.37	0.37	0.02	-0.20	-0.23	1.8

Table A14. Summary Item Statistics - Operational Items  
Algebra - May Make-Up 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
X	1	O	56764	M	0.80	0.38	0.38	-0.24	-0.24	-0.12	0.4
	2	L	56700	M	0.85	0.46	-0.24	0.46	-0.32	-0.16	0.4
	3	L	67433	M	0.42	0.32	-0.14	-0.15	0.32	-0.13	0.3
	4	O	51562	M	0.66	0.45	-0.20	0.45	-0.30	-0.17	0.2
	5	L	56638	M	0.60	0.51	0.51	-0.11	-0.34	-0.28	0.2
	8	L	67530	M	0.63	0.37	0.37	-0.12	-0.20	-0.23	0.2
	9	L	56807	M	0.63	0.46	-0.22	-0.28	-0.21	0.46	0.2
	10	O	54645	M	0.60	0.37	0.37	-0.18	-0.20	-0.20	0.2
	11	L	54611	M	0.59	0.40	0.40	-0.22	-0.19	-0.16	0.4
	12	L	79111	J	0.67	0.82					4.2
	14	O	67509	G	0.80	0.40	0.40	-0.35			1.4
	15	L	43141	G	0.51	0.42	0.42	-0.33			4.9
	16	O	79078	G	0.77	0.48	0.48	-0.42			3.1
	17	L	51510	J	0.36	0.67					8.1
	20	L	54806	M	0.66	0.55	-0.32	-0.27	-0.18	0.55	1.4
	21	L	50446	J	0.64	0.77					4.6
	22	L	56649	M	0.46	0.47	-0.15	-0.25	-0.25	0.47	2.7
	23	O	50386	M	0.57	0.44	-0.24	-0.24	0.44	-0.08	3.9
	24	L	67534	M	0.72	0.50	-0.27	-0.19	-0.25	0.50	3.2
	25	L	56780	M	0.78	0.43	-0.22	0.43	-0.27	-0.18	0.2
	26	O	54814	M	0.95	0.35	-0.20	0.35	-0.19	-0.19	0.2
	27	L	56586	M	0.72	0.45	0.45	-0.20	-0.28	-0.18	0.4
	28	O	56577	M	0.54	0.48	-0.17	-0.29	-0.21	0.48	0.6
	32	O	51471	M	0.61	0.60	-0.23	-0.40	-0.23	0.60	0.5
	33	L	56689	M	0.68	0.47	-0.16	0.47	-0.21	-0.34	0.3
	34	L	54826	M	0.56	0.49	0.49	-0.24	-0.20	-0.27	0.3
	36	L	56646	J	0.44	0.65					13.0
	37	L	67431	G	0.80	0.58	0.58	-0.52			1.9
	38	O	51522	G	0.35	0.47	0.47	-0.36			10.4
	39	L	51440	G	0.66	0.41	0.41	-0.34			2.9
	41	L	56786	J	0.47	0.66					5.0
	42	O	56442	M	0.42	0.34	0.34	-0.06	-0.23	-0.06	2.5
	43	O	56506	M	0.76	0.52	-0.22	-0.36	0.52	-0.17	1.3
	44	O	51412	M	0.54	0.48	-0.22	0.48	-0.29	-0.13	2.6
	45	O	64697	J	0.43	0.75					15.5
	46	L	43164	M	0.72	0.27	-0.14	-0.15	0.27	-0.12	1.4
	47	L	54673	M	0.58	0.49	-0.25	-0.25	-0.19	0.49	1.6
	48	O	51436	M	0.38	0.21	-0.10	-0.04	0.21	-0.08	2.5



Table A15. Summary Item Statistics - Operational Items  
Algebra - May Make-Up 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
Y	1	O	56692	M	0.92	0.32	-0.23	0.32	-0.18	-0.12	0.1
	2	L	56700	M	0.85	0.46	-0.24	0.46	-0.32	-0.16	0.4
	3	L	67433	M	0.42	0.32	-0.14	-0.15	0.32	-0.13	0.3
	4	O	54557	M	0.89	0.41	0.41	-0.25	-0.25	-0.18	0.1
	5	L	56638	M	0.60	0.51	0.51	-0.11	-0.34	-0.28	0.2
	8	L	67530	M	0.63	0.37	0.37	-0.12	-0.20	-0.23	0.2
	9	L	56807	M	0.63	0.46	-0.22	-0.28	-0.21	0.46	0.2
	10	O	51553	M	0.37	0.27	-0.21	-0.14	0.27	0.05	1.0
	11	L	54611	M	0.59	0.40	0.40	-0.22	-0.19	-0.16	0.4
	12	L	79111	J	0.67	0.82					4.2
	14	O	50424	G	0.57	0.46	0.46	-0.31			7.3
	15	L	43141	G	0.51	0.42	0.42	-0.33			4.9
	16	O	79081	G	0.62	0.47	0.47	-0.34			6.7
	17	L	51510	J	0.36	0.67					8.1
	20	L	54806	M	0.66	0.55	-0.32	-0.27	-0.18	0.55	1.4
	21	L	50446	J	0.64	0.77					4.6
	22	L	56649	M	0.46	0.47	-0.15	-0.25	-0.25	0.47	2.7
	23	O	56740	M	0.53	0.49	-0.26	-0.30	0.49	-0.01	3.1
	24	L	67534	M	0.72	0.50	-0.27	-0.19	-0.25	0.50	3.2
	25	L	56780	M	0.78	0.43	-0.22	0.43	-0.27	-0.18	0.2
	26	O	43200	M	0.41	0.50	-0.33	-0.17	0.50	-0.13	0.8
	27	L	56586	M	0.72	0.45	0.45	-0.20	-0.28	-0.18	0.4
	28	O	56733	M	0.74	0.47	-0.31	-0.24	0.47	-0.18	0.3
	32	O	51446	M	0.35	0.51	0.51	-0.22	-0.14	-0.21	1.7
	33	L	56689	M	0.68	0.47	-0.16	0.47	-0.21	-0.34	0.3
	34	L	54826	M	0.56	0.49	0.49	-0.24	-0.20	-0.27	0.3
	36	L	56646	J	0.44	0.65					13.0
	37	L	67431	G	0.80	0.58	0.58	-0.52			1.9
	38	O	52328	G	0.35	0.38	0.38	-0.23			12.6
	39	L	51440	G	0.66	0.41	0.41	-0.34			2.9
	41	L	56786	J	0.47	0.66					5.0
	42	O	50438	M	0.32	0.34	-0.18	-0.12	0.34	-0.04	1.2
	43	O	56587	M	0.67	0.50	0.50	-0.30	-0.16	-0.16	3.1
	44	O	43197	M	0.63	0.53	0.53	-0.16	-0.34	-0.28	1.5
	45	O	43143	J	0.20	0.60					27.3
	46	L	43164	M	0.72	0.27	-0.14	-0.15	0.27	-0.12	1.4
	47	L	54673	M	0.58	0.49	-0.25	-0.25	-0.19	0.49	1.6
	48	O	67403	M	0.32	0.37	0.37	0.02	-0.20	-0.23	1.8

Table A16. Summary Item Statistics - Operational Items  
Biology - May Primary

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
E-K	1	O	68217	M	0.65	0.34	0.34	-0.26	-0.14	-0.10	0.3
	2	O	67646	M	0.69	0.39	0.39	-0.32	-0.17	-0.10	0.1
	3	O	52477	M	0.85	0.11	0.11	0.02	-0.17	-0.09	0.1
	5	L	67650	M	0.42	0.43	-0.27	0.43	-0.06	-0.19	0.1
	6	L	68266	M	0.61	0.35	-0.13	-0.18	-0.20	0.35	0.2
	7	O	79402	M	0.32	0.39	-0.09	-0.14	-0.21	0.39	0.4
	8	O	67681	M	0.52	0.40	-0.23	-0.23	-0.10	0.40	0.2
	9	O	55118	M	0.34	0.20	0.03	-0.18	-0.08	0.20	0.3
	10	L	52607	J	0.39	0.68					3.2
	15	L	54999	M	0.69	0.36	0.36	-0.16	-0.25	-0.13	0.2
	16	L	54998	M	0.78	0.50	0.50	-0.33	-0.16	-0.28	0.2
	17	O	67606	M	0.60	0.20	-0.08	-0.16	0.20	-0.07	0.2
	18	L	67642	M	0.74	0.41	-0.25	-0.22	0.41	-0.20	0.2
	19	L	67640	M	0.71	0.40	-0.15	-0.20	0.40	-0.28	0.5
	20	L	94184	J	0.43	0.80					4.0
	21	L	64711	M	0.59	0.56	-0.16	-0.11	0.56	-0.46	0.3
	22	L	64712	M	0.55	0.54	-0.40	0.54	-0.16	-0.18	0.3
	23	O	57003	M	0.43	0.46	0.46	-0.26	-0.08	-0.24	0.4
	24	O	52626	M	0.89	0.33	-0.13	-0.21	0.33	-0.20	0.3
	25	O	79460	M	0.76	0.45	0.45	-0.27	-0.26	-0.17	0.4
	26	L	52491	J	0.36	0.78					6.3
	30	O	79485	M	0.67	0.32	-0.21	0.32	-0.10	-0.22	0.7
	31	L	68226	J	0.24	0.81					14.5
	32	L	79325	M	0.63	0.36	-0.27	0.36	-0.13	-0.17	1.3
	33	L	79324	M	0.63	0.45	-0.15	0.45	-0.30	-0.17	1.4
	34	L	79327	M	0.52	0.48	-0.25	0.48	-0.20	-0.17	1.6
	35	O	52436	M	0.82	0.46	0.46	-0.25	-0.26	-0.18	1.5
	36	O	79431	M	0.78	0.51	-0.28	-0.27	0.51	-0.23	1.6
	37	L	57167	M	0.66	0.46	0.46	-0.21	-0.29	-0.18	0.3
	38	L	57168	M	0.69	0.50	-0.27	0.50	-0.29	-0.21	0.3
	42	L	57046	M	0.39	0.23	0.23	-0.01	-0.16	-0.09	0.5
	43	L	57047	M	0.71	0.54	-0.33	-0.25	0.54	-0.23	0.3
	44	O	68247	M	0.78	0.38	0.38	-0.20	-0.21	-0.20	0.3
	45	O	65044	M	0.81	0.43	-0.20	-0.26	0.43	-0.21	0.3
	46	L	68176	J	0.35	0.78					5.3
	47	O	65106	M	0.47	0.30	-0.25	-0.04	-0.11	0.30	0.4
	48	O	79495	M	0.77	0.47	-0.27	-0.28	0.47	-0.21	0.3
	49	O	52591	M	0.67	0.38	-0.23	0.38	-0.17	-0.19	0.3
	50	L	67564	M	0.70	0.49	-0.24	0.49	-0.27	-0.25	0.4
	51	L	67565	M	0.74	0.44	-0.23	-0.16	0.44	-0.31	0.3
	52	L	67566	M	0.45	0.40	-0.20	-0.24	-0.07	0.40	0.5
	54	L	52661	J	0.34	0.73					7.2

Table A16. Summary Item Statistics - Operational Items  
Biology - May Primary

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	55	O	55089	M	0.60	0.38	0.38	-0.19	-0.19	-0.17	0.4
	56	O	65059	M	0.53	0.22	0.22	-0.01	-0.21	-0.20	0.4
	60	O	79421	M	0.82	0.38	-0.26	0.38	-0.18	-0.21	0.4
	61	L	64737	J	0.31	0.77					13.2
	62	L	65082	M	0.82	0.47	0.47	-0.31	-0.23	-0.20	0.5
	63	L	68296	M	0.45	0.37	-0.19	-0.24	0.37	-0.05	0.6
	64	L	68297	M	0.79	0.53	-0.23	-0.33	-0.25	0.53	0.5
	65	L	67678	M	0.47	0.40	-0.22	-0.10	-0.25	0.40	0.6
	67	L	55230	M	0.69	0.19	0.19	-0.03	-0.23	-0.17	1.1
	68	L	55229	M	0.85	0.43	-0.22	-0.26	0.43	-0.19	1.1
	69	L	57138	M	0.78	0.44	-0.19	0.44	-0.25	-0.23	1.1
	70	L	57156	M	0.56	0.45	-0.21	0.45	-0.18	-0.24	1.2
	71	O	64722	M	0.72	0.47	-0.19	-0.30	0.47	-0.21	1.2

Table A17. Summary Item Statistics - Operational Items  
Biology - May Make-Up 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
X	1	O	67645	M	0.77	0.40	-0.23	0.40	-0.23	-0.15	0.3
	2	O	65143	M	0.54	0.41	-0.22	-0.25	0.41	-0.13	0.6
	3	O	52477	M	0.85	0.11	0.11	0.02	-0.17	-0.09	0.1
	5	L	67650	M	0.42	0.43	-0.27	0.43	-0.06	-0.19	0.1
	6	L	68266	M	0.61	0.35	-0.13	-0.18	-0.20	0.35	0.2
	7	O	55037	M	0.55	0.29	-0.27	0.29	-0.07	-0.07	0.3
	8	O	54959	M	0.42	0.24	0.00	-0.26	0.24	-0.20	0.2
	9	O	57098	M	0.44	0.32	-0.17	0.32	-0.18	-0.07	0.4
	10	L	52607	J	0.39	0.68					3.2
	15	L	54999	M	0.69	0.36	0.36	-0.16	-0.25	-0.13	0.2
	16	L	54998	M	0.78	0.50	0.50	-0.33	-0.16	-0.28	0.2
	17	O	67606	M	0.60	0.20	-0.08	-0.16	0.20	-0.07	0.2
	18	L	67642	M	0.74	0.41	-0.25	-0.22	0.41	-0.20	0.2
	19	L	67640	M	0.71	0.40	-0.15	-0.20	0.40	-0.28	0.5
	20	L	94184	J	0.43	0.80					4.0
	21	L	64711	M	0.59	0.56	-0.16	-0.11	0.56	-0.46	0.3
	22	L	64712	M	0.55	0.54	-0.40	0.54	-0.16	-0.18	0.3
	23	O	55243	M	0.48	0.49	0.49	-0.32	-0.14	-0.21	0.9
	24	O	52687	M	0.43	0.46	-0.19	0.46	-0.20	-0.19	1.0
	25	O	79460	M	0.76	0.45	0.45	-0.27	-0.26	-0.17	0.4
	26	L	52491	J	0.36	0.78					6.3
	30	O	79485	M	0.67	0.32	-0.21	0.32	-0.10	-0.22	0.7
	31	L	68226	J	0.24	0.81					14.5
	32	L	79325	M	0.63	0.36	-0.27	0.36	-0.13	-0.17	1.3
	33	L	79324	M	0.63	0.45	-0.15	0.45	-0.30	-0.17	1.4
	34	L	79327	M	0.52	0.48	-0.25	0.48	-0.20	-0.17	1.6
	35	O	54964	M	0.39	0.41	-0.17	-0.19	-0.11	0.41	2.3
	36	O	79431	M	0.78	0.51	-0.28	-0.27	0.51	-0.23	1.6
	37	L	57167	M	0.66	0.46	0.46	-0.21	-0.29	-0.18	0.3
	38	L	57168	M	0.69	0.50	-0.27	0.50	-0.29	-0.21	0.3
	42	L	57046	M	0.39	0.23	0.23	-0.01	-0.16	-0.09	0.5
	43	L	57047	M	0.71	0.54	-0.33	-0.25	0.54	-0.23	0.3
	44	O	68247	M	0.78	0.38	0.38	-0.20	-0.21	-0.20	0.3
	45	O	55207	M	0.54	0.54	0.54	-0.25	-0.26	-0.18	1.5
	46	L	68176	J	0.35	0.78					5.3
	47	O	68249	M	0.42	0.30	-0.11	0.30	-0.10	-0.14	1.2
	48	O	79495	M	0.77	0.47	-0.27	-0.28	0.47	-0.21	0.3
	49	O	52591	M	0.67	0.38	-0.23	0.38	-0.17	-0.19	0.3
	50	L	67564	M	0.70	0.49	-0.24	0.49	-0.27	-0.25	0.4
	51	L	67565	M	0.74	0.44	-0.23	-0.16	0.44	-0.31	0.3
	52	L	67566	M	0.45	0.40	-0.20	-0.24	-0.07	0.40	0.5
	54	L	52661	J	0.34	0.73					7.2

Table A17. Summary Item Statistics - Operational Items  
Biology - May Make-Up 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	55	O	55089	M	0.60	0.38	0.38	-0.19	-0.19	-0.17	0.4
	56	O	65059	M	0.53	0.22	0.22	-0.01	-0.21	-0.20	0.4
	60	O	79421	M	0.82	0.38	-0.26	0.38	-0.18	-0.21	0.4
	61	L	64737	J	0.31	0.77					13.2
	62	L	65082	M	0.82	0.47	0.47	-0.31	-0.23	-0.20	0.5
	63	L	68296	M	0.45	0.37	-0.19	-0.24	0.37	-0.05	0.6
	64	L	68297	M	0.79	0.53	-0.23	-0.33	-0.25	0.53	0.5
	65	L	67678	M	0.47	0.40	-0.22	-0.10	-0.25	0.40	0.6
	67	L	55230	M	0.69	0.19	0.19	-0.03	-0.23	-0.17	1.1
	68	L	55229	M	0.85	0.43	-0.22	-0.26	0.43	-0.19	1.1
	69	L	57138	M	0.78	0.44	-0.19	0.44	-0.25	-0.23	1.1
	70	L	57156	M	0.56	0.45	-0.21	0.45	-0.18	-0.24	1.2
	71	O	79477	M	0.27	0.23	0.23	-0.16	0.03	-0.07	2.5

Table A18. Summary Item Statistics - Operational Items  
Biology - May Make-Up 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
Y	1	O	68217	M	0.65	0.34	0.34	-0.26	-0.14	-0.10	0.3
	2	O	67646	M	0.69	0.39	0.39	-0.32	-0.17	-0.10	0.1
	3	O	52716	M	0.23	0.02	-0.02	-0.13	0.02	0.12	0.0
	5	L	67650	M	0.42	0.43	-0.27	0.43	-0.06	-0.19	0.1
	6	L	68266	M	0.61	0.35	-0.13	-0.18	-0.20	0.35	0.2
	7	O	79402	M	0.32	0.39	-0.09	-0.14	-0.21	0.39	0.4
	8	O	67681	M	0.52	0.40	-0.23	-0.23	-0.10	0.40	0.2
	9	O	55118	M	0.34	0.20	0.03	-0.18	-0.08	0.20	0.3
	10	L	52607	J	0.39	0.68					3.2
	15	L	54999	M	0.69	0.36	0.36	-0.16	-0.25	-0.13	0.2
	16	L	54998	M	0.78	0.50	0.50	-0.33	-0.16	-0.28	0.2
	17	O	79487	M	0.27	0.18	-0.01	-0.14	0.18	-0.03	0.7
	18	L	67642	M	0.74	0.41	-0.25	-0.22	0.41	-0.20	0.2
	19	L	67640	M	0.71	0.40	-0.15	-0.20	0.40	-0.28	0.5
	20	L	94184	J	0.43	0.80					4.0
	21	L	64711	M	0.59	0.56	-0.16	-0.11	0.56	-0.46	0.3
	22	L	64712	M	0.55	0.54	-0.40	0.54	-0.16	-0.18	0.3
	23	O	57003	M	0.43	0.46	0.46	-0.26	-0.08	-0.24	0.4
	24	O	52626	M	0.89	0.33	-0.13	-0.21	0.33	-0.20	0.3
	25	O	65075	M	0.67	0.54	-0.23	-0.25	-0.28	0.54	1.2
	26	L	52491	J	0.36	0.78					6.3
	30	O	55156	M	0.57	0.43	-0.07	-0.25	-0.21	0.43	1.7
	31	L	68226	J	0.24	0.81					14.5
	32	L	79325	M	0.63	0.36	-0.27	0.36	-0.13	-0.17	1.3
	33	L	79324	M	0.63	0.45	-0.15	0.45	-0.30	-0.17	1.4
	34	L	79327	M	0.52	0.48	-0.25	0.48	-0.20	-0.17	1.6
	35	O	52436	M	0.82	0.46	0.46	-0.25	-0.26	-0.18	1.5
	36	O	79480	M	0.43	0.30	-0.18	0.30	-0.22	0.04	2.6
	37	L	57167	M	0.66	0.46	0.46	-0.21	-0.29	-0.18	0.3
	38	L	57168	M	0.69	0.50	-0.27	0.50	-0.29	-0.21	0.3
	42	L	57046	M	0.39	0.23	0.23	-0.01	-0.16	-0.09	0.5
	43	L	57047	M	0.71	0.54	-0.33	-0.25	0.54	-0.23	0.3
	44	O	68248	M	0.34	0.46	-0.03	-0.29	-0.13	0.46	3.6
	45	O	65044	M	0.81	0.43	-0.20	-0.26	0.43	-0.21	0.3
	46	L	68176	J	0.35	0.78					5.3
	47	O	65106	M	0.47	0.30	-0.25	-0.04	-0.11	0.30	0.4
	48	O	79508	M	0.59	0.44	0.44	-0.17	-0.22	-0.15	2.2
	49	O	67583	M	0.24	0.31	0.31	-0.04	-0.22	0.05	2.2
	50	L	67564	M	0.70	0.49	-0.24	0.49	-0.27	-0.25	0.4
	51	L	67565	M	0.74	0.44	-0.23	-0.16	0.44	-0.31	0.3
	52	L	67566	M	0.45	0.40	-0.20	-0.24	-0.07	0.40	0.5
	54	L	52661	J	0.34	0.73					7.2

Table A18. Summary Item Statistics - Operational Items  
 Biology - May Make-Up 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	55	O	52586	M	0.54	0.34	0.34	-0.19	-0.07	-0.11	3.1
	56	O	68243	M	0.39	0.33	-0.05	0.33	-0.05	-0.17	2.9
	60	O	65066	M	0.31	0.23	-0.12	-0.16	0.11	0.23	2.9
	61	L	64737	J	0.31	0.77					13.2
	62	L	65082	M	0.82	0.47	0.47	-0.31	-0.23	-0.20	0.5
	63	L	68296	M	0.45	0.37	-0.19	-0.24	0.37	-0.05	0.6
	64	L	68297	M	0.79	0.53	-0.23	-0.33	-0.25	0.53	0.5
	65	L	67678	M	0.47	0.40	-0.22	-0.10	-0.25	0.40	0.6
	67	L	55230	M	0.69	0.19	0.19	-0.03	-0.23	-0.17	1.1
	68	L	55229	M	0.85	0.43	-0.22	-0.26	0.43	-0.19	1.1
	69	L	57138	M	0.78	0.44	-0.19	0.44	-0.25	-0.23	1.1
	70	L	57156	M	0.56	0.45	-0.21	0.45	-0.18	-0.24	1.2
	71	O	64722	M	0.72	0.47	-0.19	-0.30	0.47	-0.21	1.2

Table A19. Summary Item Statistics - Operational Items  
English - May Primary

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
E-K	1	O	96066	J	0.65	0.59					1.7
	2	O	95953	M	0.62	0.28	0.28	-0.10	-0.31	-0.07	0.1
	4	O	95955	M	0.62	0.26	-0.14	-0.18	-0.15	0.26	0.1
	5	O	95956	M	0.70	0.37	-0.24	0.37	-0.15	-0.18	0.1
	6	O	95957	M	0.57	0.46	-0.27	-0.24	0.46	-0.20	0.2
	7	L	95581	M	0.89	0.38	-0.18	-0.21	0.38	-0.24	0.1
	8	L	95582	M	0.61	0.45	-0.25	-0.32	0.45	-0.08	0.2
	9	L	95583	M	0.87	0.48	-0.27	-0.32	-0.20	0.48	0.1
	10	L	95584	M	0.87	0.44	-0.29	0.44	-0.22	-0.21	0.1
	11	L	95585	M	0.61	0.37	-0.13	-0.19	-0.26	0.37	0.4
	12	L	95586	M	0.78	0.38	0.38	-0.28	-0.26	-0.13	0.3
	13	L	95587	M	0.75	0.39	-0.17	0.39	-0.22	-0.22	0.3
	14	L	95588	M	0.85	0.48	-0.26	-0.25	-0.29	0.48	0.4
	20	O	96245	M	0.55	0.42	-0.16	-0.17	-0.24	0.42	2.0
	21	O	96246	M	0.74	0.46	-0.18	-0.26	-0.27	0.46	1.9
	22	O	96247	M	0.66	0.42	0.42	-0.24	-0.22	-0.17	2.0
	23*	O	96248	M	0.71	0.53	-0.27	-0.28	0.53	-0.24	2.6
	24*	O	96249	M	0.73	0.49	0.49	-0.24	-0.25	-0.24	2.7
	25*	O	96250	J	0.53	0.68					7.9
	26*	O	96355	J	0.63	0.66					1.3
	27*	L	96201	M	0.67	0.36	-0.25	-0.09	0.36	-0.22	0.4
	28*	L	96202	M	0.69	0.22	0.22	-0.10	-0.17	-0.18	0.2
	29*	L	96203	M	0.84	0.44	-0.27	-0.25	0.44	-0.18	0.2
	30*	L	96301	M	0.64	0.45	-0.26	-0.19	0.45	-0.20	0.4
	31*	L	96302	M	0.66	0.39	0.39	-0.18	-0.21	-0.26	0.2
	32*	L	96303	M	0.74	0.42	0.42	-0.24	-0.21	-0.19	0.2
	33*	L	96164	M	0.80	0.42	-0.29	-0.28	0.42	-0.09	0.4
	34*	L	96165	M	0.65	0.45	-0.33	-0.17	-0.12	0.45	0.5
	35*	L	96166	M	0.78	0.45	-0.28	0.45	-0.23	-0.21	0.3
	36*	L	96167	M	0.47	0.37	-0.10	-0.30	-0.09	0.37	0.4
	37*	L	96168	M	0.73	0.40	0.40	-0.25	-0.14	-0.23	0.3
	51*	L	96270	M	0.57	0.25	-0.19	-0.13	-0.11	0.25	0.8
	52*	L	96271	M	0.86	0.40	0.40	-0.24	-0.25	-0.15	0.3
	53*	L	96272	M	0.85	0.44	-0.23	-0.26	0.44	-0.23	0.4
	54*	L	96273	M	0.59	0.46	-0.17	-0.26	-0.20	0.46	0.4
	55*	L	96275	M	0.83	0.38	0.38	-0.19	-0.20	-0.21	0.4
	56*	L	96274	M	0.83	0.36	-0.22	0.36	-0.26	-0.12	0.4
	57*	L	96276	M	0.76	0.45	-0.30	-0.22	0.45	-0.20	0.5
	58*	L	96277	M	0.84	0.42	-0.23	0.42	-0.22	-0.22	0.4
	59*	L	96278	M	0.53	0.21	-0.14	0.21	-0.01	-0.18	0.5
	60*	L	96279	J	0.53	0.68					3.9
	61*	O	96377	M	0.72	0.50	-0.22	-0.27	0.50	-0.27	0.5



Table A19. Summary Item Statistics - Operational Items  
English - May Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	62*	O	96378	M	0.82	0.44	-0.24	0.44	-0.24	-0.21	0.5
	63*	O	96379	M	0.72	0.35	0.35	-0.24	-0.16	-0.12	0.5
	64*	O	96380	M	0.61	0.34	0.34	-0.18	-0.21	-0.10	0.5
	65*	O	96381	M	0.68	0.45	0.45	-0.28	-0.28	-0.14	0.5
	66*	O	96104	M	0.84	0.50	-0.26	-0.28	0.50	-0.26	0.5
	67*	L	96105	M	0.75	0.45	0.45	-0.26	-0.23	-0.24	0.6
	70*	O	96116	M	0.84	0.51	0.51	-0.25	-0.32	-0.21	1.0
	71*	O	96117	M	0.48	0.40	-0.24	-0.12	-0.22	0.40	1.0

\* Tabled item position number is based on Form E and varies somewhat on Forms F-K.

Table A20. Summary Item Statistics - Operational Items  
English - May Make-Up 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
X	1	O	95952	J	0.58	0.65					4.4
	2	O	95959	M	0.86	0.40	-0.19	0.40	-0.27	-0.20	0.0
	4	O	95960	M	0.65	0.54	0.54	-0.26	-0.34	-0.20	0.0
	5	O	95961	M	0.20	0.21	-0.14	-0.05	-0.01	0.21	0.9
	6	O	95962	M	0.90	0.40	-0.22	-0.19	0.40	-0.27	0.0
	7	L	95581	M	0.89	0.38	-0.18	-0.21	0.38	-0.24	0.1
	8	L	95582	M	0.61	0.45	-0.25	-0.32	0.45	-0.08	0.2
	9	L	95583	M	0.87	0.48	-0.27	-0.32	-0.20	0.48	0.1
	10	L	95584	M	0.87	0.44	-0.29	0.44	-0.22	-0.21	0.1
	11	L	95585	M	0.61	0.37	-0.13	-0.19	-0.26	0.37	0.4
	12	L	95586	M	0.78	0.38	0.38	-0.28	-0.26	-0.13	0.3
	13	L	95587	M	0.75	0.39	-0.17	0.39	-0.22	-0.22	0.3
	14	L	95588	M	0.85	0.48	-0.26	-0.25	-0.29	0.48	0.4
	20	O	96245	M	0.55	0.42	-0.16	-0.17	-0.24	0.42	2.0
	21	O	96246	M	0.74	0.46	-0.18	-0.26	-0.27	0.46	1.9
	22	O	96247	M	0.66	0.42	0.42	-0.24	-0.22	-0.17	2.0
	23	O	96248	M	0.71	0.53	-0.27	-0.28	0.53	-0.24	2.6
	24	O	96249	M	0.73	0.49	0.49	-0.24	-0.25	-0.24	2.7
	25	O	96250	J	0.53	0.68					7.9
	26	O	96355	J	0.63	0.66					1.3
	27	L	96201	M	0.67	0.36	-0.25	-0.09	0.36	-0.22	0.4
	28	L	96202	M	0.69	0.22	0.22	-0.10	-0.17	-0.18	0.2
	29	L	96203	M	0.84	0.44	-0.27	-0.25	0.44	-0.18	0.2
	30	L	96301	M	0.64	0.45	-0.26	-0.19	0.45	-0.20	0.4
	31	L	96302	M	0.66	0.39	0.39	-0.18	-0.21	-0.26	0.2
	32	L	96303	M	0.74	0.42	0.42	-0.24	-0.21	-0.19	0.2
	33	L	96164	M	0.80	0.42	-0.29	-0.28	0.42	-0.09	0.4
	34	L	96165	M	0.65	0.45	-0.33	-0.17	-0.12	0.45	0.5
	35	L	96166	M	0.78	0.45	-0.28	0.45	-0.23	-0.21	0.3
	36	L	96167	M	0.47	0.37	-0.10	-0.30	-0.09	0.37	0.4
	37	L	96168	M	0.73	0.40	0.40	-0.25	-0.14	-0.23	0.3
	51	L	96270	M	0.57	0.25	-0.19	-0.13	-0.11	0.25	0.8
	52	L	96271	M	0.86	0.40	0.40	-0.24	-0.25	-0.15	0.3
	53	L	96272	M	0.85	0.44	-0.23	-0.26	0.44	-0.23	0.4
	54	L	96273	M	0.59	0.46	-0.17	-0.26	-0.20	0.46	0.4
	55	L	96275	M	0.83	0.38	0.38	-0.19	-0.20	-0.21	0.4
	56	L	96274	M	0.83	0.36	-0.22	0.36	-0.26	-0.12	0.4
	57	L	96276	M	0.76	0.45	-0.30	-0.22	0.45	-0.20	0.5
	58	L	96277	M	0.84	0.42	-0.23	0.42	-0.22	-0.22	0.4
	59	L	96278	M	0.53	0.21	-0.14	0.21	-0.01	-0.18	0.5
	60	L	96279	J	0.53	0.68					3.9
	61	O	96124	M	0.66	0.58	-0.27	-0.23	-0.29	0.58	1.7

Table A20. Summary Item Statistics - Operational Items  
English - May Make-Up 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	62	O	96125	M	0.64	0.48	-0.27	0.48	-0.27	-0.12	1.8
	63	O	96126	M	0.77	0.51	-0.29	-0.23	0.51	-0.20	2.0
	64	O	96127	M	0.59	0.43	0.43	-0.18	-0.17	-0.21	1.9
	65	O	96128	M	0.72	0.50	-0.19	-0.26	0.50	-0.25	1.9
	66	O	96104	M	0.84	0.50	-0.26	-0.28	0.50	-0.26	0.5
	67	L	96105	M	0.75	0.45	0.45	-0.26	-0.23	-0.24	0.6
	70	O	96116	M	0.84	0.51	0.51	-0.25	-0.32	-0.21	1.0
	71	O	96117	M	0.48	0.40	-0.24	-0.12	-0.22	0.40	1.0

Table A21. Summary Item Statistics - Operational Items  
English - May Make-Up 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
Y	1	O	96066	J	0.65	0.59					1.7
	2	O	95953	M	0.62	0.28	0.28	-0.10	-0.31	-0.07	0.1
	4	O	95955	M	0.62	0.26	-0.14	-0.18	-0.15	0.26	0.1
	5	O	95956	M	0.70	0.37	-0.24	0.37	-0.15	-0.18	0.1
	6	O	95957	M	0.57	0.46	-0.27	-0.24	0.46	-0.20	0.2
	7	L	95581	M	0.89	0.38	-0.18	-0.21	0.38	-0.24	0.1
	8	L	95582	M	0.61	0.45	-0.25	-0.32	0.45	-0.08	0.2
	9	L	95583	M	0.87	0.48	-0.27	-0.32	-0.20	0.48	0.1
	10	L	95584	M	0.87	0.44	-0.29	0.44	-0.22	-0.21	0.1
	11	L	95585	M	0.61	0.37	-0.13	-0.19	-0.26	0.37	0.4
	12	L	95586	M	0.78	0.38	0.38	-0.28	-0.26	-0.13	0.3
	13	L	95587	M	0.75	0.39	-0.17	0.39	-0.22	-0.22	0.3
	14	L	95588	M	0.85	0.48	-0.26	-0.25	-0.29	0.48	0.4
	20	O	96440	M	0.43	0.33	-0.01	-0.26	0.33	-0.17	2.1
	21	O	96441	M	0.38	0.46	-0.34	-0.23	-0.08	0.46	1.6
	22	O	96442	M	0.55	0.45	-0.20	-0.22	0.45	-0.21	1.9
	23	O	96443	M	0.64	0.50	-0.20	0.50	-0.34	-0.21	2.5
	24	O	96444	M	0.26	0.04	0.04	-0.21	-0.07	0.16	1.9
	25	O	96445	J	0.35	0.68					19.5
	26	O	96193	J	0.43	0.61					11.3
	27	L	96201	M	0.67	0.36	-0.25	-0.09	0.36	-0.22	0.4
	28	L	96202	M	0.69	0.22	0.22	-0.10	-0.17	-0.18	0.2
	29	L	96203	M	0.84	0.44	-0.27	-0.25	0.44	-0.18	0.2
	30	L	96301	M	0.64	0.45	-0.26	-0.19	0.45	-0.20	0.4
	31	L	96302	M	0.66	0.39	0.39	-0.18	-0.21	-0.26	0.2
	32	L	96303	M	0.74	0.42	0.42	-0.24	-0.21	-0.19	0.2
	33	L	96164	M	0.80	0.42	-0.29	-0.28	0.42	-0.09	0.4
	34	L	96165	M	0.65	0.45	-0.33	-0.17	-0.12	0.45	0.5
	35	L	96166	M	0.78	0.45	-0.28	0.45	-0.23	-0.21	0.3
	36	L	96167	M	0.47	0.37	-0.10	-0.30	-0.09	0.37	0.4
	37	L	96168	M	0.73	0.40	0.40	-0.25	-0.14	-0.23	0.3
	51	L	96270	M	0.57	0.25	-0.19	-0.13	-0.11	0.25	0.8
	52	L	96271	M	0.86	0.40	0.40	-0.24	-0.25	-0.15	0.3
	53	L	96272	M	0.85	0.44	-0.23	-0.26	0.44	-0.23	0.4
	54	L	96273	M	0.59	0.46	-0.17	-0.26	-0.20	0.46	0.4
	55	L	96275	M	0.83	0.38	0.38	-0.19	-0.20	-0.21	0.4
	56	L	96274	M	0.83	0.36	-0.22	0.36	-0.26	-0.12	0.4
	57	L	96276	M	0.76	0.45	-0.30	-0.22	0.45	-0.20	0.5
	58	L	96277	M	0.84	0.42	-0.23	0.42	-0.22	-0.22	0.4
	59	L	96278	M	0.53	0.21	-0.14	0.21	-0.01	-0.18	0.5
	60	L	96279	J	0.53	0.68					3.9
	61	O	96377	M	0.72	0.50	-0.22	-0.27	0.50	-0.27	0.5

Table A21. Summary Item Statistics - Operational Items  
English - May Make-Up 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	62	O	96378	M	0.82	0.44	-0.24	0.44	-0.24	-0.21	0.5
	63	O	96379	M	0.72	0.35	0.35	-0.24	-0.16	-0.12	0.5
	64	O	96380	M	0.61	0.34	0.34	-0.18	-0.21	-0.10	0.5
	65	O	96381	M	0.68	0.45	0.45	-0.28	-0.28	-0.14	0.5
	66	O	96103	M	0.56	0.52	-0.27	-0.19	-0.24	0.52	1.6
	67	L	96105	M	0.75	0.45	0.45	-0.26	-0.23	-0.24	0.6
	70	O	96385	M	0.55	0.45	-0.22	-0.16	0.45	-0.22	1.6
	71	O	96386	M	0.41	0.25	-0.03	-0.10	-0.16	0.25	1.6

Table A22. Summary Item Statistics - Operational Items  
Government - May Primary

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
E-K	1	L	58194	M	0.73	0.31	-0.21	0.31	-0.19	-0.11	0.1
	2	L	79636	M	0.82	0.29	-0.19	0.29	-0.15	-0.13	0.1
	3	L	79587	M	0.82	0.49	0.49	-0.19	-0.31	-0.29	0.1
	4	O	68094	M	0.51	0.48	0.48	-0.14	-0.29	-0.20	0.2
	5	O	68101	M	0.61	0.45	-0.28	-0.19	0.45	-0.20	0.2
	6	L	68036	J	0.47	0.75					2.5
	7	L	51122	M	0.70	0.40	-0.21	0.40	-0.28	-0.13	0.4
	8	O	79742	M	0.60	0.38	-0.18	-0.18	0.38	-0.19	0.5
	12	L	50997	M	0.49	0.38	-0.13	-0.27	0.38	-0.13	0.3
	13	L	50924	M	0.91	0.32	-0.16	0.32	-0.19	-0.17	0.1
	14	L	79543	M	0.80	0.51	-0.29	0.51	-0.27	-0.25	0.2
	15	L	79589	M	0.76	0.41	0.41	-0.21	-0.19	-0.24	0.2
	16	L	68743	J	0.41	0.78					5.2
	17	L	68495	M	0.55	0.46	0.46	-0.25	-0.32	-0.07	0.3
	18	L	79652	M	0.67	0.55	0.55	-0.26	-0.29	-0.29	0.3
	21	L	52235	J	0.40	0.78					7.4
	22	O	79610	M	0.44	0.45	-0.18	-0.20	0.45	-0.19	0.3
	23	L	68688	M	0.64	0.46	-0.19	-0.27	0.46	-0.21	0.4
	24	O	68748	M	0.64	0.52	-0.28	0.52	-0.25	-0.27	0.3
	25	O	58124	M	0.47	0.55	-0.23	-0.27	0.55	-0.22	0.4
	26	O	68510	M	0.73	0.55	-0.26	-0.28	-0.31	0.55	0.4
	27	O	52290	M	0.78	0.53	-0.25	0.53	-0.30	-0.27	0.4
	28	O	68585	J	0.40	0.79					8.9
	31	O	68566	M	0.51	0.35	-0.11	0.35	-0.24	-0.15	1.4
	32	L	58438	M	0.70	0.48	-0.20	-0.23	-0.26	0.48	1.5
	33	L	68493	J	0.40	0.79					10.8
	34	O	68576	M	0.69	0.46	-0.21	0.46	-0.29	-0.16	1.9
	35	O	52216	M	0.45	0.38	-0.20	-0.10	0.38	-0.21	2.0
	36	L	55652	M	0.64	0.53	0.53	-0.20	-0.28	-0.27	2.1
	37	O	65213	M	0.74	0.44	-0.23	0.44	-0.28	-0.16	0.3
	38	L	65173	M	0.90	0.42	-0.27	-0.22	0.42	-0.19	0.3
	39	L	68645	M	0.75	0.34	-0.13	0.34	-0.20	-0.19	0.4
	40	L	68635	J	0.46	0.75					3.9
	41	L	79690	M	0.63	0.39	-0.18	-0.26	0.39	-0.13	0.4
	42	O	52262	M	0.66	0.46	-0.25	-0.25	0.46	-0.19	0.4
	43	L	68539	M	0.39	0.32	0.32	-0.11	-0.23	-0.03	0.5
	44	L	79719	M	0.58	0.37	0.37	-0.13	-0.24	-0.17	0.4
	46	O	55504	M	0.79	0.40	0.40	-0.23	-0.19	-0.21	0.4
	49	L	58410	M	0.65	0.34	0.34	-0.15	-0.27	-0.22	0.4
	51	L	79615	M	0.69	0.13	0.09	-0.15	0.13	-0.20	0.4
	52	L	79678	M	0.56	0.47	-0.23	-0.29	0.47	-0.12	0.5
	55	L	68775	J	0.45	0.75					5.6

Table A22. Summary Item Statistics - Operational Items  
Government - May Primary

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	56	L	58157	M	0.87	0.49	-0.24	0.49	-0.28	-0.24	0.5
	57	O	79609	M	0.80	0.46	0.46	-0.26	-0.24	-0.20	0.5
	58	O	79710	M	0.69	0.35	-0.15	-0.20	0.35	-0.14	0.6
	59	L	68529	M	0.67	0.52	-0.23	-0.25	0.52	-0.27	0.7
	60	L	52234	J	0.45	0.76					7.2
	61	O	65211	M	0.60	0.46	-0.18	-0.22	-0.27	0.46	0.6
	62	O	68535	M	0.91	0.44	0.44	-0.24	-0.27	-0.17	0.6
	63	L	68537	M	0.41	0.45	0.45	-0.25	-0.23	-0.18	0.6
	64	O	60445	M	0.67	0.46	-0.16	0.46	-0.33	-0.19	0.7
	67	L	58357	M	0.69	0.32	0.32	-0.17	-0.23	-0.07	0.8
	68	L	58226	M	0.33	0.44	-0.09	-0.23	-0.26	0.44	0.8
	69	O	68533	M	0.65	0.32	-0.18	0.32	-0.16	-0.11	0.8
	70	L	55526	M	0.45	0.26	0.02	0.26	-0.17	-0.17	1.0
	71	L	64956	M	0.79	0.54	-0.27	-0.29	0.54	-0.27	0.9
	72	L	50840	M	0.51	0.51	-0.22	0.51	-0.27	-0.21	1.0
	73	O	51203	M	0.60	0.51	-0.25	-0.24	-0.21	0.51	1.0

Table A23. Summary Item Statistics - Operational Items  
Government - May Make-Up 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
Y	1	L	58194	M	0.73	0.31	-0.21	0.31	-0.19	-0.11	0.1
	2	L	79636	M	0.82	0.29	-0.19	0.29	-0.15	-0.13	0.1
	3	L	79587	M	0.82	0.49	0.49	-0.19	-0.31	-0.29	0.1
	4	O	68094	M	0.51	0.48	0.48	-0.14	-0.29	-0.20	0.2
	5	O	68092	M	0.78	0.45	-0.22	-0.24	-0.24	0.45	0.3
	6	L	68036	J	0.47	0.75					2.5
	7	L	51122	M	0.70	0.40	-0.21	0.40	-0.28	-0.13	0.4
	8	O	68032	M	0.39	0.47	-0.18	-0.19	-0.20	0.47	1.2
	12	L	50997	M	0.49	0.38	-0.13	-0.27	0.38	-0.13	0.3
	13	L	50924	M	0.91	0.32	-0.16	0.32	-0.19	-0.17	0.1
	14	L	79543	M	0.80	0.51	-0.29	0.51	-0.27	-0.25	0.2
	15	L	79589	M	0.76	0.41	0.41	-0.21	-0.19	-0.24	0.2
	16	L	68743	J	0.41	0.78					5.2
	17	L	68495	M	0.55	0.46	0.46	-0.25	-0.32	-0.07	0.3
	18	L	79652	M	0.67	0.55	0.55	-0.26	-0.29	-0.29	0.3
	21	L	52235	J	0.40	0.78					7.4
	22	O	79610	M	0.44	0.45	-0.18	-0.20	0.45	-0.19	0.3
	23	L	68688	M	0.64	0.46	-0.19	-0.27	0.46	-0.21	0.4
	24	O	68748	M	0.64	0.52	-0.28	0.52	-0.25	-0.27	0.3
	25	O	58124	M	0.47	0.55	-0.23	-0.27	0.55	-0.22	0.4
	26	O	68752	M	0.51	0.55	0.55	-0.25	-0.26	-0.20	0.7
	27	O	52290	M	0.78	0.53	-0.25	0.53	-0.30	-0.27	0.4
	28	O	65159	J	0.33	0.81					18.1
	31	O	52282	M	0.43	0.49	-0.27	-0.15	-0.14	0.49	2.4
	32	L	58438	M	0.70	0.48	-0.20	-0.23	-0.26	0.48	1.5
	33	L	68493	J	0.40	0.79					10.8
	34	O	68698	M	0.57	0.43	0.43	-0.24	-0.21	-0.11	3.2
	35	O	52216	M	0.45	0.38	-0.20	-0.10	0.38	-0.21	2.0
	36	L	55652	M	0.64	0.53	0.53	-0.20	-0.28	-0.27	2.1
	37	O	51772	M	0.54	0.53	-0.13	-0.26	-0.32	0.53	0.8
	38	L	65173	M	0.90	0.42	-0.27	-0.22	0.42	-0.19	0.3
	39	L	68645	M	0.75	0.34	-0.13	0.34	-0.20	-0.19	0.4
	40	L	68635	J	0.46	0.75					3.9
	41	L	79690	M	0.63	0.39	-0.18	-0.26	0.39	-0.13	0.4
	42	O	59845	M	0.41	0.23	-0.01	-0.12	0.23	-0.17	1.1
	43	L	68539	M	0.39	0.32	0.32	-0.11	-0.23	-0.03	0.5
	44	L	79719	M	0.58	0.37	0.37	-0.13	-0.24	-0.17	0.4
	46	O	55504	M	0.79	0.40	0.40	-0.23	-0.19	-0.21	0.4
	49	L	58410	M	0.65	0.34	0.34	-0.15	-0.27	-0.22	0.4
	51	L	79615	M	0.69	0.13	0.09	-0.15	0.13	-0.20	0.4
	52	L	79678	M	0.56	0.47	-0.23	-0.29	0.47	-0.12	0.5
	55	L	68775	J	0.45	0.75					5.6



Table A23. Summary Item Statistics - Operational Items  
Government - May Make-Up 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	56	L	58157	M	0.87	0.49	-0.24	0.49	-0.28	-0.24	0.5
	57	O	58318	M	0.58	0.43	-0.20	-0.24	0.43	-0.14	1.3
	58	O	51052	M	0.48	0.29	0.29	-0.03	-0.14	-0.22	1.5
	59	L	68529	M	0.67	0.52	-0.23	-0.25	0.52	-0.27	0.7
	60	L	52234	J	0.45	0.76					7.2
	61	O	58284	M	0.58	0.46	-0.17	-0.27	0.46	-0.16	1.4
	62	O	68535	M	0.91	0.44	0.44	-0.24	-0.27	-0.17	0.6
	63	L	68537	M	0.41	0.45	0.45	-0.25	-0.23	-0.18	0.6
	64	O	60445	M	0.67	0.46	-0.16	0.46	-0.33	-0.19	0.7
	67	L	58357	M	0.69	0.32	0.32	-0.17	-0.23	-0.07	0.8
	68	L	58226	M	0.33	0.44	-0.09	-0.23	-0.26	0.44	0.8
	69	O	68533	M	0.65	0.32	-0.18	0.32	-0.16	-0.11	0.8
	70	L	55526	M	0.45	0.26	0.02	0.26	-0.17	-0.17	1.0
	71	L	64956	M	0.79	0.54	-0.27	-0.29	0.54	-0.27	0.9
	72	L	50840	M	0.51	0.51	-0.22	0.51	-0.27	-0.21	1.0
	73	O	51203	M	0.60	0.51	-0.25	-0.24	-0.21	0.51	1.0

Table A24. Summary Item Statistics - Operational Items  
Government - May Make-Up 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
Y	1	L	58194	M	0.73	0.31	-0.21	0.31	-0.19	-0.11	0.1
	2	L	79636	M	0.82	0.29	-0.19	0.29	-0.15	-0.13	0.1
	3	L	79587	M	0.82	0.49	0.49	-0.19	-0.31	-0.29	0.1
	4	O	68039	M	0.55	0.50	-0.27	-0.22	-0.22	0.50	0.2
	5	O	68101	M	0.61	0.45	-0.28	-0.19	0.45	-0.20	0.2
	6	L	68036	J	0.47	0.75					2.5
	7	L	51122	M	0.70	0.40	-0.21	0.40	-0.28	-0.13	0.4
	8	O	79742	M	0.60	0.38	-0.18	-0.18	0.38	-0.19	0.5
	12	L	50997	M	0.49	0.38	-0.13	-0.27	0.38	-0.13	0.3
	13	L	50924	M	0.91	0.32	-0.16	0.32	-0.19	-0.17	0.1
	14	L	79543	M	0.80	0.51	-0.29	0.51	-0.27	-0.25	0.2
	15	L	79589	M	0.76	0.41	0.41	-0.21	-0.19	-0.24	0.2
	16	L	68743	J	0.41	0.78					5.2
	17	L	68495	M	0.55	0.46	0.46	-0.25	-0.32	-0.07	0.3
	18	L	79652	M	0.67	0.55	0.55	-0.26	-0.29	-0.29	0.3
	21	L	52235	J	0.40	0.78					7.4
	22	O	79714	M	0.48	0.34	-0.20	-0.15	0.34	-0.08	0.7
	23	L	68688	M	0.64	0.46	-0.19	-0.27	0.46	-0.21	0.4
	24	O	58251	M	0.51	0.57	-0.27	-0.24	-0.24	0.57	0.7
	25	O	68050	M	0.39	0.37	-0.21	0.37	-0.15	-0.09	0.9
	26	O	68510	M	0.73	0.55	-0.26	-0.28	-0.31	0.55	0.4
	27	O	55574	M	0.46	0.50	0.50	-0.25	-0.15	-0.23	0.7
	28	O	68585	J	0.40	0.79					8.9
	31	O	68566	M	0.51	0.35	-0.11	0.35	-0.24	-0.15	1.4
	32	L	58438	M	0.70	0.48	-0.20	-0.23	-0.26	0.48	1.5
	33	L	68493	J	0.40	0.79					10.8
	34	O	68576	M	0.69	0.46	-0.21	0.46	-0.29	-0.16	1.9
	35	O	51006	M	0.32	0.24	-0.10	0.01	0.24	-0.13	2.8
	36	L	55652	M	0.64	0.53	0.53	-0.20	-0.28	-0.27	2.1
	37	O	65213	M	0.74	0.44	-0.23	0.44	-0.28	-0.16	0.3
	38	L	65173	M	0.90	0.42	-0.27	-0.22	0.42	-0.19	0.3
	39	L	68645	M	0.75	0.34	-0.13	0.34	-0.20	-0.19	0.4
	40	L	68635	J	0.46	0.75					3.9
	41	L	79690	M	0.63	0.39	-0.18	-0.26	0.39	-0.13	0.4
	42	O	52262	M	0.66	0.46	-0.25	-0.25	0.46	-0.19	0.4
	43	L	68539	M	0.39	0.32	0.32	-0.11	-0.23	-0.03	0.5
	44	L	79719	M	0.58	0.37	0.37	-0.13	-0.24	-0.17	0.4
	46	O	51016	M	0.47	0.49	0.49	-0.25	-0.20	-0.15	0.9
	49	L	58410	M	0.65	0.34	0.34	-0.15	-0.27	-0.22	0.4
	51	L	79615	M	0.69	0.13	0.09	-0.15	0.13	-0.20	0.4
	52	L	79678	M	0.56	0.47	-0.23	-0.29	0.47	-0.12	0.5
	55	L	68775	J	0.45	0.75					5.6

Table A24. Summary Item Statistics - Operational Items  
 Government - May Make-Up 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	56	L	58157	M	0.87	0.49	-0.24	0.49	-0.28	-0.24	0.5
	57	O	79609	M	0.80	0.46	0.46	-0.26	-0.24	-0.20	0.5
	58	O	79710	M	0.69	0.35	-0.15	-0.20	0.35	-0.14	0.6
	59	L	68529	M	0.67	0.52	-0.23	-0.25	0.52	-0.27	0.7
	60	L	52234	J	0.45	0.76					7.2
	61	O	65211	M	0.60	0.46	-0.18	-0.22	-0.27	0.46	0.6
	62	O	68726	M	0.66	0.52	-0.30	0.52	-0.30	-0.12	1.6
	63	L	68537	M	0.41	0.45	0.45	-0.25	-0.23	-0.18	0.6
	64	O	60451	M	0.57	0.54	-0.26	-0.29	0.54	-0.12	1.6
	67	L	58357	M	0.69	0.32	0.32	-0.17	-0.23	-0.07	0.8
	68	L	58226	M	0.33	0.44	-0.09	-0.23	-0.26	0.44	0.8
	69	O	53701	M	0.64	0.58	0.58	-0.29	-0.27	-0.24	2.0
	70	L	55526	M	0.45	0.26	0.02	0.26	-0.17	-0.17	1.0
	71	L	64956	M	0.79	0.54	-0.27	-0.29	0.54	-0.27	0.9
	72	L	50840	M	0.51	0.51	-0.22	0.51	-0.27	-0.21	1.0
	73	O	58373	M	0.34	0.33	0.33	-0.21	-0.11	0.00	1.8

Table A25. Summary Item Statistics - Operational Items  
Algebra - Summer Primary 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
L	1	L	51405	M	0.71	0.31	-0.21	0.31	-0.17	-0.09	0.4
	2	O	54764	M	0.58	0.48	-0.28	-0.17	-0.23	0.48	0.0
	3	O	56611	M	0.49	0.46	-0.23	-0.15	-0.30	0.46	0.0
	4	O	56385	M	0.52	0.51	-0.21	-0.29	-0.21	0.51	0.0
	5	L	56428	M	0.43	0.45	0.45	-0.10	-0.21	-0.24	0.5
	8	O	51356	M	0.68	0.60	-0.35	-0.25	-0.30	0.60	0.7
	9	O	79050	M	0.27	0.29	-0.07	0.29	-0.01	-0.16	2.6
	10	L	54690	M	0.85	0.24	-0.16	0.24	-0.12	-0.12	0.3
	11	O	54837	M	0.71	0.34	-0.22	-0.18	0.34	-0.14	1.3
	12	L	50375	J	0.22	0.67					20.0
	14	L	56565	G	0.31	0.54	0.54	-0.34			11.4
	15	O	67495	G	0.28	0.47	0.47	-0.27			17.2
	16	L	50395	G	0.16	0.41	0.41	-0.14			11.9
	17	L	51379	J	0.21	0.67					27.2
	20	O	51513	M	0.38	0.33	0.33	-0.01	-0.25	-0.04	5.3
	21	L	50392	J	0.29	0.64					26.0
	22	O	51478	M	0.30	0.11	0.11	0.30	-0.32	-0.14	7.9
	23	L	56673	M	0.23	0.09	0.05	-0.05	0.09	-0.01	7.0
	24	L	54902	M	0.33	0.32	-0.19	0.04	-0.17	0.32	7.1
	25	O	51461	M	0.72	0.53	-0.27	0.53	-0.26	-0.16	2.6
	26	L	56552	M	0.49	0.33	0.33	-0.16	-0.14	-0.07	1.8
	27	O	54875	M	0.68	0.43	-0.31	0.43	-0.22	0.04	2.6
	28	L	66002	M	0.26	0.17	0.17	-0.10	-0.01	0.00	2.1
	32	O	56790	M	0.48	0.17	0.08	0.17	-0.29	0.05	3.3
	33	O	51367	M	0.50	0.45	-0.19	-0.15	-0.14	0.45	3.3
	34	L	52344	M	0.45	0.35	-0.21	0.35	-0.04	-0.18	2.6
	36	L	51457	J	0.27	0.70					18.6
	37	O	54884	G	0.66	0.49	0.49	-0.23			11.3
	38	L	50414	G	0.22	0.38	0.38	-0.12			17.3
	39	L	51570	G	0.26	0.49	0.49	-0.23			11.1
	41	L	51492	J	0.33	0.72					21.6
	42	L	67458	M	0.33	0.23	-0.03	0.08	-0.19	0.23	4.5
	43	L	67464	M	0.47	0.54	-0.27	-0.16	0.54	-0.12	4.7
	44	L	56766	M	0.30	0.25	-0.03	-0.10	0.25	0.00	5.1
	45	O	67456	J	0.25	0.80					32.5
	46	L	56776	M	0.51	0.35	-0.13	0.35	-0.18	-0.01	6.3
	47	L	43147	M	0.53	0.40	-0.23	-0.08	0.40	-0.14	6.4
	48	L	56465	M	0.53	0.40	-0.20	0.40	-0.13	-0.07	6.5

Table A26. Summary Item Statistics - Operational Items  
Algebra – Summer Primary 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
M	1	L	51405	M	0.71	0.31	-0.21	0.31	-0.17	-0.09	0.4
	2	O	67523	M	0.72	0.38	-0.22	0.38	-0.23	-0.14	0.3
	3	O	43163	M	0.68	0.37	-0.18	-0.17	-0.21	0.37	0.5
	4	O	56609	M	0.38	0.34	-0.15	-0.16	-0.08	0.34	0.9
	5	L	56428	M	0.43	0.45	0.45	-0.10	-0.21	-0.24	0.5
	8	O	56769	M	0.68	0.43	-0.18	0.43	-0.24	-0.22	0.4
	9	O	54747	M	0.59	0.48	-0.23	-0.23	0.48	-0.21	0.8
	10	L	54690	M	0.85	0.24	-0.16	0.24	-0.12	-0.12	0.3
	11	O	56715	M	0.69	0.39	0.39	-0.18	-0.17	-0.22	0.4
	12	L	50375	J	0.22	0.67					20.0
	14	L	56565	G	0.31	0.54	0.54	-0.34			11.4
	15	O	56542	G	0.17	0.44	0.44	-0.13			13.6
	16	L	50395	G	0.16	0.41	0.41	-0.14			11.9
	17	L	51379	J	0.21	0.67					27.2
	20	O	54907	M	0.33	0.41	-0.16	-0.17	-0.09	0.41	4.5
	21	L	50392	J	0.29	0.64					26.0
	22	O	67465	M	0.48	0.38	-0.19	-0.18	0.38	-0.03	6.4
	23	L	56673	M	0.23	0.09	0.05	-0.05	0.09	-0.01	7.0
	24	L	54902	M	0.33	0.32	-0.19	0.04	-0.17	0.32	7.1
	25	O	56789	M	0.60	0.30	-0.14	0.30	-0.15	-0.13	1.6
	26	L	56552	M	0.49	0.33	0.33	-0.16	-0.14	-0.07	1.8
	27	O	51574	M	0.69	0.46	0.46	-0.12	-0.24	-0.26	1.8
	28	L	66002	M	0.26	0.17	0.17	-0.10	-0.01	0.00	2.1
	32	O	54843	M	0.79	0.41	-0.22	0.41	-0.20	-0.16	1.9
	33	O	56714	M	0.42	0.44	-0.11	0.44	-0.17	-0.22	1.9
	34	L	52344	M	0.45	0.35	-0.21	0.35	-0.04	-0.18	2.6
	36	L	51457	J	0.27	0.70					18.6
	37	O	50425	G	0.71	0.44	0.44	-0.26			7.5
	38	L	50414	G	0.22	0.38	0.38	-0.12			17.3
	39	L	51570	G	0.26	0.49	0.49	-0.23			11.1
	41	L	51492	J	0.33	0.72					21.6
	42	L	67458	M	0.33	0.23	-0.03	0.08	-0.19	0.23	4.5
	43	L	67464	M	0.47	0.54	-0.27	-0.16	0.54	-0.12	4.7
	44	L	56766	M	0.30	0.25	-0.03	-0.10	0.25	0.00	5.1
	45	O	64687	J	0.33	0.77					21.1
	46	L	56776	M	0.51	0.35	-0.13	0.35	-0.18	-0.01	6.3
	47	L	43147	M	0.53	0.40	-0.23	-0.08	0.40	-0.14	6.4
	48	L	56465	M	0.53	0.40	-0.20	0.40	-0.13	-0.07	6.5

Table A27. Summary Item Statistics - Operational Items  
Biology – Summer Primary 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
L	1	L	55001	M	0.86	0.28	-0.15	0.28	-0.17	-0.15	0.0
	2	L	55002	M	0.54	0.22	0.22	-0.20	-0.24	0.06	0.0
	3	L	55145	M	0.62	0.43	-0.18	0.43	-0.24	-0.21	0.4
	5	L	79293	M	0.50	0.32	-0.23	-0.28	-0.01	0.32	0.0
	6	L	79298	M	0.67	0.45	-0.21	0.45	-0.29	-0.19	0.2
	7	L	79295	M	0.74	0.46	-0.19	-0.26	-0.27	0.46	0.0
	8	L	79294	M	0.40	0.37	-0.26	-0.16	0.37	-0.21	0.2
	9	L	68162	J	0.24	0.70					12.3
	10	O	52724	M	0.44	0.40	-0.16	0.40	0.03	-0.15	4.7
	15	L	67689	J	0.19	0.64					22.1
	16	O	79469	M	0.21	0.16	0.07	-0.08	-0.05	0.16	1.9
	17	O	67574	M	0.54	0.48	0.48	-0.30	-0.08	-0.17	1.9
	18	O	52507	M	0.45	0.40	-0.29	-0.02	-0.12	0.40	1.9
	19	L	55062	M	0.56	0.56	-0.25	-0.24	-0.26	0.56	0.9
	20	L	55061	M	0.68	0.40	-0.23	-0.24	0.40	-0.15	0.6
	21	L	52597	J	0.16	0.79					19.4
	22	O	52613	M	0.67	0.54	0.54	-0.17	-0.28	-0.07	6.6
	23	L	67667	M	0.33	0.23	0.03	-0.19	-0.05	0.23	4.0
	24	L	67668	M	0.49	0.49	-0.15	0.49	-0.23	-0.13	4.3
	25	O	52545	M	0.42	0.46	-0.10	-0.13	0.46	-0.05	8.5
	26	L	67670	J	0.13	0.60					25.3
	30	O	56972	M	0.50	0.46	-0.36	-0.15	0.46	-0.02	1.9
	31	O	68225	M	0.40	0.16	0.16	0.14	0.02	-0.34	1.9
	32	L	52762	M	0.20	0.07	0.07	-0.20	0.20	-0.14	1.9
	33	L	52761	M	0.64	0.49	-0.29	-0.24	-0.19	0.49	1.9
	34	O	55135	M	0.31	0.26	0.04	-0.14	0.26	-0.20	1.9
	35	O	79430	M	0.56	0.42	0.42	-0.22	-0.10	-0.22	1.9
	36	O	52525	M	0.39	0.41	-0.15	0.41	-0.26	-0.03	1.9
	37	L	55075	M	0.41	0.22	0.22	-0.06	-0.23	0.00	0.2
	38	L	55142	M	0.61	0.56	-0.23	-0.27	-0.29	0.56	0.4
	42	L	68132	J	0.25	0.72					17.4
	43	O	55008	M	0.49	0.27	-0.27	-0.01	0.27	-0.08	0.9
	44	O	57023	M	0.32	0.30	-0.05	-0.19	0.30	0.04	1.9
	45	O	52455	M	0.62	0.31	-0.15	-0.04	0.31	-0.18	0.9
	46	L	52615	M	0.43	0.34	-0.04	-0.19	0.34	-0.21	0.4
	47	L	52614	M	0.43	0.32	0.32	-0.08	-0.16	-0.19	0.4
	48	L	52641	J	0.21	0.76					15.5
	49	O	79488	M	0.52	0.57	-0.22	-0.36	-0.17	0.57	0.9
	50	O	60534	M	0.51	0.31	0.02	0.31	-0.23	-0.25	0.9
	51	L	52781	M	0.52	0.41	-0.20	0.41	-0.17	-0.18	0.6
	52	L	52649	M	0.36	0.25	-0.23	-0.25	0.09	0.25	0.6
	54	O	65083	M	0.53	0.44	0.44	-0.26	-0.19	-0.10	0.9

Table A27. Summary Item Statistics - Operational Items  
 Biology – Summer Primary 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	55	O	65144	M	0.26	0.01	-0.08	0.10	0.01	-0.01	0.9
	56	L	68152	J	0.33	0.77					18.7
	60	O	57132	M	0.38	0.20	0.09	-0.11	0.20	-0.17	0.9
	61	L	67570	M	0.60	0.34	0.34	-0.06	-0.22	-0.23	1.1
	62	L	67568	M	0.52	0.35	0.35	-0.13	-0.17	-0.16	0.9
	63	L	52587	M	0.44	0.22	-0.05	-0.19	0.22	0.00	1.3
	64	L	52644	M	0.62	0.48	-0.23	-0.27	0.48	-0.19	0.9
	65	L	52643	M	0.39	0.27	-0.12	0.27	-0.18	0.01	1.1
	67	L	57130	M	0.68	0.51	0.51	-0.29	-0.22	-0.23	1.1
	68	L	57131	M	0.64	0.46	-0.28	0.46	-0.29	-0.07	1.3
	69	O	67688	M	0.43	0.36	-0.11	-0.21	-0.09	0.36	0.9
	70	O	67690	M	0.35	0.18	0.11	-0.15	-0.07	0.18	0.9
	71	O	64994	M	0.45	0.44	-0.28	0.44	-0.16	-0.05	0.9

Table A28. Summary Item Statistics - Operational Items  
Biology – Summer Primary 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
M	1	L	55001	M	0.86	0.28	-0.15	0.28	-0.17	-0.15	0.0
	2	L	55002	M	0.54	0.22	0.22	-0.20	-0.24	0.06	0.0
	3	L	55145	M	0.62	0.43	-0.18	0.43	-0.24	-0.21	0.4
	5	L	79293	M	0.50	0.32	-0.23	-0.28	-0.01	0.32	0.0
	6	L	79298	M	0.67	0.45	-0.21	0.45	-0.29	-0.19	0.2
	7	L	79295	M	0.74	0.46	-0.19	-0.26	-0.27	0.46	0.0
	8	L	79294	M	0.40	0.37	-0.26	-0.16	0.37	-0.21	0.2
	9	L	68162	J	0.24	0.70					12.3
	10	O	52417	M	0.70	0.44	0.44	-0.23	-0.23	-0.11	2.7
	15	L	67689	J	0.19	0.64					22.1
	16	O	68275	M	0.39	0.33	-0.27	-0.03	0.33	-0.12	0.0
	17	O	65138	M	0.49	0.32	-0.12	0.32	-0.15	-0.17	0.0
	18	O	55050	M	0.45	0.35	-0.31	0.35	-0.19	-0.02	0.0
	19	L	55062	M	0.56	0.56	-0.25	-0.24	-0.26	0.56	0.9
	20	L	55061	M	0.68	0.40	-0.23	-0.24	0.40	-0.15	0.6
	21	L	52597	J	0.16	0.79					19.4
	22	O	56997	M	0.31	0.39	-0.18	-0.15	-0.01	0.39	3.3
	23	L	67667	M	0.33	0.23	0.03	-0.19	-0.05	0.23	4.0
	24	L	67668	M	0.49	0.49	-0.15	0.49	-0.23	-0.13	4.3
	25	O	65092	M	0.42	0.41	-0.07	-0.15	-0.18	0.41	4.1
	26	L	67670	J	0.13	0.60					25.3
	30	O	65150	M	0.51	0.38	-0.15	-0.20	0.38	-0.15	1.6
	31	O	64724	M	0.28	0.37	0.02	-0.15	-0.29	0.37	1.9
	32	L	52762	M	0.20	0.07	0.07	-0.20	0.20	-0.14	1.9
	33	L	52761	M	0.64	0.49	-0.29	-0.24	-0.19	0.49	1.9
	34	O	52624	M	0.36	0.47	-0.13	-0.24	-0.17	0.47	1.9
	35	O	55192	M	0.49	0.36	-0.23	-0.15	-0.12	0.36	1.9
	36	O	57123	M	0.54	0.27	-0.12	-0.16	0.27	-0.07	2.2
	37	L	55075	M	0.41	0.22	0.22	-0.06	-0.23	0.00	0.2
	38	L	55142	M	0.61	0.56	-0.23	-0.27	-0.29	0.56	0.4
	42	L	68132	J	0.25	0.72					17.4
	43	O	79446	M	0.27	-0.01	-0.01	0.05	-0.07	0.03	0.3
	44	O	57120	M	0.64	0.40	-0.17	-0.29	-0.14	0.40	0.3
	45	O	79406	M	0.44	0.39	-0.27	-0.23	0.39	-0.02	0.3
	46	L	52615	M	0.43	0.34	-0.04	-0.19	0.34	-0.21	0.4
	47	L	52614	M	0.43	0.32	0.32	-0.08	-0.16	-0.19	0.4
	48	L	52641	J	0.21	0.76					15.5
	49	O	68215	M	0.35	0.32	-0.18	-0.32	0.32	0.15	0.3
	50	O	79432	M	0.35	0.37	-0.14	-0.10	-0.22	0.37	0.5
	51	L	52781	M	0.52	0.41	-0.20	0.41	-0.17	-0.18	0.6
	52	L	52649	M	0.36	0.25	-0.23	-0.25	0.09	0.25	0.6
	54	O	65149	M	0.43	0.42	-0.17	-0.24	0.42	-0.14	0.5



Table A28. Summary Item Statistics - Operational Items  
 Biology – Summer Primary 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	55	O	67613	M	0.21	0.29	0.02	-0.11	-0.15	0.29	0.3
	56	L	68152	J	0.33	0.77					18.7
	60	O	68145	M	0.47	0.37	0.37	-0.24	-0.09	-0.17	1.1
	61	L	67570	M	0.60	0.34	0.34	-0.06	-0.22	-0.23	1.1
	62	L	67568	M	0.52	0.35	0.35	-0.13	-0.17	-0.16	0.9
	63	L	52587	M	0.44	0.22	-0.05	-0.19	0.22	0.00	1.3
	64	L	52644	M	0.62	0.48	-0.23	-0.27	0.48	-0.19	0.9
	65	L	52643	M	0.39	0.27	-0.12	0.27	-0.18	0.01	1.1
	67	L	57130	M	0.68	0.51	0.51	-0.29	-0.22	-0.23	1.1
	68	L	57131	M	0.64	0.46	-0.28	0.46	-0.29	-0.07	1.3
	69	O	65129	M	0.47	0.42	-0.22	0.42	-0.26	-0.06	1.1
	70	O	53475	M	0.55	0.54	-0.21	0.54	-0.23	-0.27	1.4
	71	O	79441	M	0.41	0.23	-0.13	0.23	-0.06	-0.06	1.4

Table A29. Summary Item Statistics - Operational Items  
English - Summer Primary 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
L	1	O	96232	J	0.48	0.74					9.7
	2	O	96235	M	0.52	0.33	0.33	-0.20	-0.10	-0.14	0.0
	3	O	96234	M	0.81	0.37	-0.21	0.37	-0.20	-0.20	0.0
	4	O	96233	M	0.42	0.24	-0.08	-0.04	-0.17	0.24	0.0
	5	O	96236	M	0.55	0.23	-0.29	-0.27	0.11	0.23	0.0
	6	O	96237	M	0.49	0.35	0.35	-0.20	-0.17	-0.10	0.0
	7	L	96238	M	0.62	0.45	-0.23	-0.14	-0.27	0.45	0.3
	8	L	96239	M	0.59	0.44	-0.20	-0.28	0.44	-0.15	0.5
	9	L	96240	M	0.71	0.47	-0.18	-0.26	-0.27	0.47	0.4
	10	L	96241	M	0.60	0.42	-0.19	0.42	-0.31	-0.10	0.7
	11	L	96242	M	0.67	0.40	-0.25	0.40	-0.21	-0.12	1.0
	12	L	96243	M	0.52	0.30	-0.02	-0.20	0.30	-0.19	1.2
	13	L	96244	M	0.19	0.05	0.04	0.05	-0.16	0.07	1.1
	20	O	96348	M	0.72	0.41	-0.21	-0.25	0.41	-0.15	2.2
	21	O	96349	M	0.52	0.39	-0.17	0.39	-0.27	-0.09	2.2
	22	O	96350	M	0.57	0.47	-0.10	0.47	-0.17	-0.37	2.2
	23	O	96351	M	0.32	0.26	-0.01	-0.21	-0.02	0.26	2.2
	24	O	96353	M	0.51	0.38	-0.06	-0.27	0.38	-0.10	3.7
	25	O	96354	J	0.26	0.71					23.1
	26	O	96081	J	0.37	0.69					17.2
	27	L	96251	M	0.45	0.26	0.26	-0.10	-0.10	-0.08	1.7
	28	L	96252	M	0.82	0.49	0.49	-0.28	-0.26	-0.17	1.4
	29	L	96253	M	0.55	0.39	-0.17	0.39	-0.16	-0.14	1.7
	39	L	96143	M	0.63	0.44	-0.16	-0.21	0.44	-0.17	3.7
	40	L	96144	M	0.56	0.52	-0.17	-0.25	-0.23	0.52	4.0
	41	L	96145	M	0.50	0.40	-0.06	-0.22	0.40	-0.20	4.1
	46	L	96164	M	0.54	0.38	-0.20	-0.15	0.38	-0.08	5.4
	47	L	96165	M	0.37	0.34	-0.04	-0.22	-0.10	0.34	5.8
	48	L	96166	M	0.56	0.46	-0.22	0.46	-0.17	-0.18	5.5
	49	L	96167	M	0.31	0.38	-0.03	-0.19	-0.12	0.38	5.7
	50	L	96168	M	0.53	0.44	0.44	-0.16	-0.15	-0.21	5.7
	51	O	96263	M	0.59	0.38	-0.20	0.38	-0.23	-0.07	0.7
	52	O	96264	M	0.46	0.29	0.29	-0.09	-0.16	-0.09	0.7
	53	O	96265	M	0.47	0.43	0.43	-0.12	-0.28	-0.13	0.7
	54	O	96266	M	0.78	0.54	-0.13	-0.30	0.54	-0.36	0.7
	55	O	96267	M	0.47	0.42	-0.13	0.42	-0.28	-0.12	0.7
	56	L	96046	M	0.54	0.31	-0.19	-0.12	0.31	-0.04	2.0
	57	L	96047	M	0.41	0.33	-0.12	-0.15	-0.05	0.33	2.0
	58	L	96048	M	0.43	0.24	-0.16	0.24	0.01	-0.10	1.9
	59	L	96049	M	0.50	0.43	-0.22	-0.18	-0.12	0.43	2.0
	60	L	96050	M	0.59	0.46	-0.14	-0.28	0.46	-0.19	2.1
	61	L	96051	M	0.38	0.25	0.07	-0.14	-0.23	0.25	2.2

Table A29. Summary Item Statistics - Operational Items  
English - Summer Primary 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	62	L	96052	M	0.69	0.43	-0.17	-0.20	0.43	-0.17	2.0
	63	L	96053	M	0.18	-0.01	-0.01	0.19	-0.04	-0.12	2.2
	64	L	96054	M	0.54	0.39	-0.07	-0.22	0.39	-0.17	2.2
	65	L	96055	J	0.29	0.60					22.2
	66	O	96221	M	0.57	0.40	-0.20	0.40	-0.24	-0.08	2.2
	67	L	96382	M	0.81	0.54	-0.25	0.54	-0.27	-0.18	2.9
	70	L	96162	M	0.55	0.46	0.46	-0.19	-0.17	-0.15	4.3
	71	L	96163	M	0.33	0.33	-0.12	0.33	-0.10	-0.05	4.4

Table A30. Summary Item Statistics - Operational Items  
English - Summer Primary 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
M	1	O	96118	J	0.56	0.52					6.7
	2	O	96338	M	0.56	0.33	-0.17	-0.22	-0.10	0.33	0.0
	3	O	96339	M	0.65	0.37	0.37	-0.31	-0.13	-0.13	0.0
	4	O	96340	M	0.72	0.39	-0.15	0.39	-0.31	-0.19	0.0
	5	O	96341	M	0.58	0.42	0.42	-0.18	-0.21	-0.21	0.1
	7	L	96238	M	0.62	0.45	-0.23	-0.14	-0.27	0.45	0.3
	8	L	96239	M	0.59	0.44	-0.20	-0.28	0.44	-0.15	0.5
	9	L	96240	M	0.71	0.47	-0.18	-0.26	-0.27	0.47	0.4
	10	L	96241	M	0.60	0.42	-0.19	0.42	-0.31	-0.10	0.7
	11	L	96242	M	0.67	0.40	-0.25	0.40	-0.21	-0.12	1.0
	12	L	96243	M	0.52	0.30	-0.02	-0.20	0.30	-0.19	1.2
	13	L	96244	M	0.19	0.05	0.04	0.05	-0.16	0.07	1.1
	17	O	95634	M	0.62	0.45	-0.19	-0.26	0.45	-0.16	2.7
	18	O	95635	M	0.47	0.31	-0.09	0.31	-0.26	-0.04	3.1
	19	O	132801	M	0.52	0.48	-0.23	-0.15	-0.30	0.48	3.4
	20	O	95637	M	0.65	0.45	-0.25	0.45	-0.23	-0.17	3.4
	21	O	95638	M	0.56	0.39	-0.22	0.39	-0.16	-0.20	3.2
	22	O	95639	J	0.30	0.65					24.2
	23	O	96135	J	0.47	0.61					10.9
	24	L	96251	M	0.45	0.26	0.26	-0.10	-0.10	-0.08	1.7
	25	L	96252	M	0.82	0.49	0.49	-0.28	-0.26	-0.17	1.4
	26	L	96253	M	0.55	0.39	-0.17	0.39	-0.16	-0.14	1.7
	38	L	96143	M	0.63	0.44	-0.16	-0.21	0.44	-0.17	3.7
	39	L	96144	M	0.56	0.52	-0.17	-0.25	-0.23	0.52	4.0
	40	L	96145	M	0.50	0.40	-0.06	-0.22	0.40	-0.20	4.1
	41	L	96164	M	0.54	0.38	-0.20	-0.15	0.38	-0.08	5.4
	42	L	96165	M	0.37	0.34	-0.04	-0.22	-0.10	0.34	5.8
	43	L	96166	M	0.56	0.46	-0.22	0.46	-0.17	-0.18	5.5
	44	L	96167	M	0.31	0.38	-0.03	-0.19	-0.12	0.38	5.7
	45	L	96168	M	0.53	0.44	0.44	-0.16	-0.15	-0.21	5.7
	46	L	96046	M	0.54	0.31	-0.19	-0.12	0.31	-0.04	2.0
	47	L	96047	M	0.41	0.33	-0.12	-0.15	-0.05	0.33	2.0
	48	L	96048	M	0.43	0.24	-0.16	0.24	0.01	-0.10	1.9
	49	L	96049	M	0.50	0.43	-0.22	-0.18	-0.12	0.43	2.0
	50	L	96050	M	0.59	0.46	-0.14	-0.28	0.46	-0.19	2.1
	51	L	96051	M	0.38	0.25	0.07	-0.14	-0.23	0.25	2.2
	52	L	96052	M	0.69	0.43	-0.17	-0.20	0.43	-0.17	2.0
	53	L	96053	M	0.18	-0.01	-0.01	0.19	-0.04	-0.12	2.2
	54	L	96054	M	0.54	0.39	-0.07	-0.22	0.39	-0.17	2.2
	55	L	96055	J	0.29	0.60					22.2
	56	O	96220	M	0.44	0.37	0.37	-0.14	-0.17	0.00	3.1
	57	L	96382	M	0.81	0.54	-0.25	0.54	-0.27	-0.18	2.9

Table A30. Summary Item Statistics - Operational Items  
English - Summer Primary 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	58	O	96384	M	0.57	0.39	0.39	-0.05	-0.22	-0.17	3.3
	60	O	95991	M	0.49	0.41	-0.06	0.41	-0.16	-0.20	3.3
	61	O	95992	M	0.58	0.50	-0.26	-0.25	-0.12	0.50	3.3
	62	O	95993	M	0.60	0.42	0.42	-0.11	-0.23	-0.19	3.3
	63	O	95994	M	0.57	0.50	0.50	-0.23	-0.21	-0.12	3.6
	64	O	95995	M	0.58	0.55	-0.23	0.55	-0.19	-0.24	3.4
	72	L	96162	M	0.55	0.46	0.46	-0.19	-0.17	-0.15	4.3
	73	L	96163	M	0.33	0.33	-0.12	0.33	-0.10	-0.05	4.4

Table A31. Summary Item Statistics - Operational Items  
Government - Summer Primary 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
L	1	L	68033	M	0.68	0.37	-0.19	0.37	-0.24	-0.12	0.2
	2	L	58197	M	0.38	0.40	-0.15	-0.16	-0.18	0.40	0.2
	3	L	50859	M	0.63	0.36	-0.20	0.36	-0.24	-0.11	0.2
	4	L	68674	M	0.62	0.36	-0.12	-0.11	-0.28	0.36	0.0
	5	L	58275	M	0.86	0.37	0.37	-0.20	-0.23	-0.18	0.0
	6	L	51047	J	0.14	0.54					19.4
	7	O	52201	M	0.48	0.31	0.31	-0.10	-0.21	-0.12	2.3
	8	O	55703	M	0.37	0.20	0.02	0.20	-0.18	-0.04	2.3
	12	O	79740	M	0.49	0.03	0.06	0.03	-0.11	0.02	0.0
	13	O	79745	M	0.29	0.23	0.10	0.23	-0.18	-0.17	0.8
	14	L	51774	M	0.46	0.38	-0.10	-0.19	-0.19	0.38	0.8
	15	L	79713	M	0.42	0.36	-0.14	0.36	-0.10	-0.21	0.7
	16	L	68615	J	0.25	0.63					10.0
	17	L	68616	M	0.66	0.34	-0.21	0.34	-0.18	-0.11	0.3
	18	L	79673	M	0.48	0.35	0.35	-0.15	-0.10	-0.21	0.8
	21	L	50928	J	0.22	0.55					13.9
	22	L	51168	M	0.55	0.49	-0.24	-0.21	-0.21	0.49	0.7
	23	O	79539	M	0.33	0.31	0.31	-0.04	-0.20	-0.13	0.8
	24	L	52196	M	0.35	0.20	-0.12	-0.02	0.20	-0.07	1.0
	25	L	68569	M	0.51	0.39	0.39	-0.15	-0.22	-0.14	1.0
	26	L	68563	M	0.33	0.15	0.07	-0.12	0.15	-0.12	1.1
	27	L	68051	M	0.40	0.31	-0.11	-0.19	0.31	-0.07	1.6
	28	O	68757	J	0.18	0.61					22.0
	31	O	68637	M	0.53	0.53	-0.13	0.53	-0.34	-0.20	1.5
	32	O	55600	M	0.36	0.23	0.01	-0.21	-0.09	0.23	1.5
	33	L	68763	J	0.16	0.70					24.7
	34	L	68573	M	0.32	0.23	0.00	0.23	-0.10	-0.12	2.3
	35	L	55649	M	0.48	0.34	-0.10	-0.18	0.34	-0.13	2.3
	36	O	58376	M	0.54	0.53	0.53	-0.11	-0.36	-0.18	2.3
	37	O	51010	M	0.55	0.42	0.42	-0.13	-0.24	-0.20	1.5
	38	O	50939	M	0.39	0.24	-0.14	0.24	0.04	-0.17	1.5
	39	L	51240	M	0.39	0.41	0.41	-0.21	-0.20	-0.09	2.0
	40	L	68786	J	0.24	0.66					18.5
	41	L	79672	M	0.31	0.31	-0.02	-0.11	-0.18	0.31	0.7
	42	L	68579	M	0.45	0.37	-0.04	0.37	-0.28	-0.19	0.5
	43	O	68762	M	0.40	0.44	-0.26	-0.06	-0.18	0.44	0.8
	44	O	79633	M	0.39	0.42	-0.10	-0.02	0.42	-0.39	0.8
	46	L	79583	M	0.76	0.43	-0.24	-0.17	-0.26	0.43	0.8
	49	L	55656	M	0.58	0.42	-0.18	0.42	-0.28	-0.14	0.8
	51	L	65176	M	0.69	0.42	-0.24	-0.22	0.42	-0.16	0.7
	52	L	79689	M	0.42	0.36	0.36	-0.12	-0.22	-0.10	0.5
	55	L	64796	J	0.14	0.65					27.5

Table A31. Summary Item Statistics - Operational Items  
Government - Summer Primary 1

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	56	L	68586	M	0.59	0.48	-0.18	0.48	-0.29	-0.18	1.5
	57	O	65172	M	0.52	0.27	-0.20	-0.01	0.27	-0.12	1.5
	58	L	55587	M	0.66	0.51	0.51	-0.24	-0.26	-0.22	1.6
	59	L	51815	M	0.34	0.33	-0.19	-0.10	0.33	-0.04	2.5
	60	L	55525	J	0.23	0.65					21.6
	61	L	68789	M	0.44	0.37	-0.22	-0.04	-0.23	0.37	1.6
	62	L	51182	M	0.73	0.51	0.51	-0.30	-0.25	-0.20	1.6
	63	L	55700	M	0.58	0.41	-0.20	-0.28	0.41	-0.07	1.8
	64	O	68534	M	0.52	0.41	-0.24	0.41	-0.10	-0.21	0.8
	67	O	58314	M	0.43	0.40	-0.16	-0.11	0.40	-0.22	3.0
	68	O	60448	M	0.39	0.37	-0.05	-0.05	-0.33	0.37	1.5
	69	O	68010	M	0.49	0.34	-0.17	0.34	-0.14	-0.12	1.5
	70	O	67996	M	0.41	0.42	-0.15	-0.26	0.42	-0.12	1.5
	71	O	51024	M	0.52	0.43	-0.28	-0.20	0.43	-0.13	1.5
	72	L	68084	M	0.40	0.43	-0.09	-0.20	-0.19	0.43	1.8
	73	O	65183	M	0.36	0.33	0.33	-0.10	-0.15	-0.13	1.5

Table A32. Summary Item Statistics - Operational Items  
Government - Summer Primary 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
M	1	L	68033	M	0.68	0.37	-0.19	0.37	-0.24	-0.12	0.2
	2	L	58197	M	0.38	0.40	-0.15	-0.16	-0.18	0.40	0.2
	3	L	50859	M	0.63	0.36	-0.20	0.36	-0.24	-0.11	0.2
	4	L	68674	M	0.62	0.36	-0.12	-0.11	-0.28	0.36	0.0
	5	L	58275	M	0.86	0.37	0.37	-0.20	-0.23	-0.18	0.0
	6	L	51047	J	0.14	0.54					19.4
	7	O	50988	M	0.45	0.43	-0.05	-0.22	-0.26	0.43	1.5
	8	O	58423	M	0.44	0.38	0.38	-0.13	-0.25	-0.12	1.0
	12	O	50943	M	0.50	0.34	-0.16	0.34	-0.11	-0.20	0.6
	13	O	51046	M	0.36	0.48	0.48	-0.24	-0.17	-0.17	0.6
	14	L	51774	M	0.46	0.38	-0.10	-0.19	-0.19	0.38	0.8
	15	L	79713	M	0.42	0.36	-0.14	0.36	-0.10	-0.21	0.7
	16	L	68615	J	0.25	0.63					10.0
	17	L	68616	M	0.66	0.34	-0.21	0.34	-0.18	-0.11	0.3
	18	L	79673	M	0.48	0.35	0.35	-0.15	-0.10	-0.21	0.8
	21	L	50928	J	0.22	0.55					13.9
	22	L	51168	M	0.55	0.49	-0.24	-0.21	-0.21	0.49	0.7
	23	O	55469	M	0.52	0.41	-0.25	0.41	-0.23	-0.07	0.6
	24	L	52196	M	0.35	0.20	-0.12	-0.02	0.20	-0.07	1.0
	25	L	68569	M	0.51	0.39	0.39	-0.15	-0.22	-0.14	1.0
	26	L	68563	M	0.33	0.15	0.07	-0.12	0.15	-0.12	1.1
	27	L	68051	M	0.40	0.31	-0.11	-0.19	0.31	-0.07	1.6
	28	O	68585	J	0.17	0.69					30.4
	31	O	51233	M	0.70	0.54	-0.29	-0.27	0.54	-0.26	1.7
	32	O	58191	M	0.50	0.39	0.39	-0.16	-0.18	-0.17	1.9
	33	L	68763	J	0.16	0.70					24.7
	34	L	68573	M	0.32	0.23	0.00	0.23	-0.10	-0.12	2.3
	35	L	55649	M	0.48	0.34	-0.10	-0.18	0.34	-0.13	2.3
	36	O	51081	M	0.45	0.45	-0.17	0.45	-0.18	-0.18	2.5
	37	O	68639	M	0.52	0.39	0.39	-0.17	-0.17	-0.15	1.9
	38	O	68771	M	0.59	0.45	-0.20	0.45	-0.33	-0.10	1.9
	39	L	51240	M	0.39	0.41	0.41	-0.21	-0.20	-0.09	2.0
	40	L	68786	J	0.24	0.66					18.5
	41	L	79672	M	0.31	0.31	-0.02	-0.11	-0.18	0.31	0.7
	42	L	68579	M	0.45	0.37	-0.04	0.37	-0.28	-0.19	0.5
	43	O	55534	M	0.60	0.56	-0.25	-0.32	-0.23	0.56	1.5
	44	O	58377	M	0.54	0.49	-0.16	0.49	-0.27	-0.24	1.0
	46	L	79583	M	0.76	0.43	-0.24	-0.17	-0.26	0.43	0.8
	49	L	55656	M	0.58	0.42	-0.18	0.42	-0.28	-0.14	0.8
	51	L	65176	M	0.69	0.42	-0.24	-0.22	0.42	-0.16	0.7
	52	L	79689	M	0.42	0.36	0.36	-0.12	-0.22	-0.10	0.5
	55	L	64796	J	0.14	0.65					27.5



Table A32. Summary Item Statistics - Operational Items  
Government - Summer Primary 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
	56	L	68586	M	0.59	0.48	-0.18	0.48	-0.29	-0.18	1.5
	57	O	68779	M	0.29	0.25	-0.06	0.25	-0.06	-0.12	1.5
	58	L	55587	M	0.66	0.51	0.51	-0.24	-0.26	-0.22	1.6
	59	L	51815	M	0.34	0.33	-0.19	-0.10	0.33	-0.04	2.5
	60	L	55525	J	0.23	0.65					21.6
	61	L	68789	M	0.44	0.37	-0.22	-0.04	-0.23	0.37	1.6
	62	L	51182	M	0.73	0.51	0.51	-0.30	-0.25	-0.20	1.6
	63	L	55700	M	0.58	0.41	-0.20	-0.28	0.41	-0.07	1.8
	64	O	58296	M	0.47	0.44	-0.28	0.44	-0.20	-0.06	1.9
	67	O	58343	M	0.57	0.56	0.56	-0.25	-0.28	-0.19	2.5
	68	O	60450	M	0.38	0.30	0.30	-0.19	-0.19	0.08	2.5
	69	O	68000	M	0.46	0.33	-0.16	-0.12	0.33	-0.09	2.1
	70	O	68003	M	0.41	0.28	-0.19	-0.15	0.28	0.04	2.1
	71	O	51199	M	0.46	0.31	-0.19	-0.23	0.31	0.05	2.1
	72	L	68084	M	0.40	0.43	-0.09	-0.20	-0.19	0.43	1.8
	73	O	68075	M	0.37	0.29	0.29	-0.07	-0.10	-0.14	2.1