

Appendix 2A. MD Mod-HSA Classical Item Statistics: Operational Forms

Table 2.A1 Item Statistics: MD Mod-HSA Algebra—October 2008

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
1	258090	0.66	0.32	-0.17	-0.23	0.32	0.0
	258095	0.73	0.37	0.37	-0.23	-0.26	0.0
	258166	0.74	0.29	-0.26	0.29	-0.13	0.1
	258312	0.52	0.34	0.34	-0.23	-0.18	0.1
	258173	0.55	0.27	-0.09	0.27	-0.22	0.2
	258115	0.44	0.34	0.34	-0.18	-0.19	0.4
	258223	0.32	0.06	-0.07	0.06	0.02	0.4
	258230	0.52	0.23	0.23	-0.18	-0.09	0.4
	258147	0.52	0.32	0.32	-0.16	-0.23	0.3
	261560	0.64	0.33	-0.21	0.33	-0.18	0.4
	258227	0.62	0.30	0.30	-0.13	-0.24	0.4
	258308	0.40	0.29	0.29	-0.17	-0.13	0.5
	258101	0.53	0.25	-0.20	0.25	-0.08	0.5
	258210	0.79	0.30	-0.20	0.30	-0.17	0.3
	258116	0.40	0.13	0.13	-0.13	-0.02	0.3
	258089	0.25	0.23	-0.09	0.23	-0.09	0.4
	261556	0.42	0.25	0.25	-0.23	-0.04	0.4
	258309	0.83	0.35	-0.21	-0.23	0.35	0.5
	258098	0.59	0.37	-0.23	-0.22	0.37	0.4
	258208	0.41	0.13	0.02	-0.14	0.13	0.4
	258161	0.59	0.46	0.46	-0.38	-0.14	0.4
	258159	0.41	0.29	-0.12	-0.16	0.29	0.6
	258184	0.51	0.33	-0.17	0.33	-0.20	0.4
	258136	0.54	0.37	-0.20	0.37	-0.23	0.4
	258102	0.51	0.27	-0.09	0.27	-0.19	0.5
	258226	0.39	0.24	-0.14	-0.10	0.24	0.5
	258188	0.67	0.29	-0.14	0.29	-0.20	0.5
	258174	0.44	0.24	-0.08	-0.16	0.24	0.7
	258187	0.59	0.33	-0.13	-0.23	0.33	0.6
	258154	0.39	0.43	-0.27	-0.14	0.43	0.5
	258113	0.58	0.33	-0.22	0.33	-0.14	0.5
	258198	0.39	0.29	-0.15	-0.12	0.29	0.6
	258167	0.63	0.34	-0.23	0.34	-0.16	0.6
	258169	0.43	0.23	-0.06	-0.16	0.23	0.5
	258119	0.45	0.30	0.30	-0.10	-0.23	0.5
	258160	0.42	0.28	0.28	-0.17	-0.11	0.6
	258241	0.56	0.32	-0.15	0.32	-0.20	0.6
	258130	0.49	0.28	0.28	-0.15	-0.14	0.7
	258131	0.23	0.04	0.04	0.07	-0.10	0.6
	258128	0.66	0.37	-0.20	0.37	-0.23	0.6
1	258509	0.36	0.22	0.22	-0.20	0.00	0.6

Table 2.A1 Item Statistics: MD Mod-HSA Algebra—October 2008

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
	258231	0.63	0.43	-0.24	-0.26	0.43	0.7
	258111	0.55	0.30	-0.17	0.30	-0.19	0.7
	258096	0.25	0.11	0.11	0.10	-0.21	0.8
	258125	0.36	0.12	-0.18	0.12	0.05	0.8
	258144	0.33	0.15	0.15	0.06	-0.18	0.6
	261558	0.38	0.20	-0.09	0.20	-0.10	0.8
	261562	0.42	0.23	0.23	-0.15	-0.07	0.7
	258220	0.34	0.15	-0.09	-0.04	0.15	0.7
	258135	0.55	0.19	-0.13	0.19	-0.06	0.7
Mean		0.50	0.27	-0.01	0.01	-0.03	0.5
SD		0.14	0.09	0.22	0.23	0.21	0.2

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A2 Item Statistics: MD Mod-HSA Biology—October 2008

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
1	258636	0.62	0.29	-0.18	0.29	-0.18	0.0
	258653	0.36	0.26	0.26	-0.03	-0.23	0.0
	258690	0.41	0.13	0.02	-0.15	0.13	0.1
	258702	0.60	0.35	-0.27	0.35	-0.15	0.1
	258662	0.33	0.24	-0.13	-0.11	0.24	0.2
	258659	0.30	0.09	0.09	-0.13	0.06	0.1
	258673	0.63	0.26	-0.16	-0.16	0.26	0.2
	258701	0.42	0.27	-0.22	0.27	-0.08	0.2
	258628	0.63	0.19	0.19	-0.16	-0.07	0.2
	258685	0.28	0.20	0.20	-0.16	-0.08	0.1
	261611	0.11	-0.04	0.09	-0.06	-0.04	0.1
	258615	0.48	0.23	-0.12	0.23	-0.13	0.1
	258683	0.65	0.40	-0.26	0.40	-0.23	0.1
	258641	0.51	0.15	-0.08	0.15	-0.08	0.4
	258676	0.44	0.17	-0.17	0.17	0.00	0.5
	258607	0.60	0.27	-0.08	0.27	-0.23	0.3
	258645	0.58	0.42	-0.17	-0.30	0.42	0.4
	258666	0.56	0.16	-0.06	0.16	-0.14	0.3
	258675	0.51	0.23	-0.09	0.23	-0.16	0.3
	261609	0.59	0.22	-0.11	-0.17	0.22	0.5
	258665	0.28	0.27	0.27	-0.08	-0.15	0.5
	258682	0.51	0.13	-0.10	0.13	-0.03	0.4
	258648	0.40	0.27	-0.11	0.27	-0.17	0.3
	258614	0.39	0.31	-0.11	-0.20	0.31	0.4
	258680	0.46	0.26	-0.11	-0.16	0.26	0.4
	258681	0.39	0.15	-0.05	-0.09	0.15	0.3
	258642	0.55	0.21	-0.08	0.21	-0.14	0.3
	261623	0.66	0.24	-0.07	-0.25	0.24	0.3
	258649	0.28	0.11	0.11	-0.31	0.18	0.5
	258687	0.46	0.27	-0.14	0.27	-0.15	0.4
	258646	0.34	0.26	0.26	-0.25	-0.02	0.4
	261626	0.67	0.35	-0.26	-0.18	0.35	0.4
	258707	0.50	0.32	0.32	-0.22	-0.13	0.6
	258643	0.56	0.27	0.27	-0.18	-0.15	0.4
	258698	0.34	0.08	-0.08	0.02	0.08	0.4
	258728	0.28	0.26	-0.14	-0.14	0.26	0.4
	258734	0.54	0.33	-0.17	-0.21	0.33	0.4
	258735	0.52	0.29	-0.18	0.29	-0.15	0.5
	258704	0.52	0.32	-0.16	0.32	-0.19	0.4
	258624	0.53	0.29	0.29	-0.26	-0.04	0.6

Table 2.A2 Item Statistics: MD Mod-HSA Biology—October 2008

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
1	258697	0.43	0.23	0.23	-0.09	-0.14	0.6
	258616	0.20	0.00	-0.10	0.00	0.13	0.6
	258617	0.43	0.13	0.13	-0.16	0.01	0.6
	258688	0.40	0.18	-0.15	-0.01	0.18	0.6
	258669	0.62	0.28	-0.10	-0.21	0.28	0.7
	261621	0.69	0.41	0.41	-0.28	-0.23	0.6
	261619	0.66	0.26	-0.21	0.26	-0.08	0.7
	258692	0.48	0.20	-0.03	-0.16	0.20	0.6
	258635	0.55	0.36	-0.24	-0.16	0.36	0.6
	261616	0.54	0.32	-0.20	-0.14	0.32	0.6
Mean		0.48	0.24	-0.03	-0.02	0.03	0.4
SD		0.13	0.10	0.18	0.21	0.20	0.2

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A3 Item Statistics: MD Mod-HSA English—October 2008

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
1	259429	0.51	0.24	0.24	-0.19	-0.10	0.0
	259426	0.66	0.30	0.30	-0.17	-0.21	0.3
	259349	0.69	0.28	-0.18	0.28	-0.17	0.2
	259427	0.50	0.25	-0.13	0.25	-0.15	0.2
	259323	0.42	0.30	0.30	-0.18	-0.14	0.2
	259453	0.42	0.10	0.03	-0.18	0.10	0.1
	259382	0.67	0.28	-0.18	0.28	-0.16	0.2
	259452	0.42	0.26	-0.14	0.26	-0.15	0.2
	259465	0.37	0.22	0.22	-0.21	-0.02	0.2
	259407	0.17	0.08	-0.21	0.08	0.15	0.4
	259335	0.38	0.25	-0.16	-0.12	0.25	0.5
	259410	0.73	0.31	-0.21	0.31	-0.18	0.4
	259413	0.54	0.28	-0.18	0.28	-0.17	0.4
	259411	0.46	0.25	-0.14	-0.14	0.25	0.4
	259414	0.41	0.27	-0.14	-0.14	0.27	0.5
	259338	0.35	0.14	0.14	0.01	-0.15	0.3
	259339	0.66	0.33	-0.22	0.33	-0.20	0.3
	259441	0.31	0.15	0.15	-0.06	-0.07	0.3
	259362	0.65	0.40	0.40	-0.26	-0.21	0.5
	259436	0.33	0.21	0.21	-0.04	-0.19	0.6
	259432	0.67	0.30	0.30	-0.18	-0.16	0.5
	259433	0.54	0.37	0.37	-0.24	-0.19	0.5
	259354	0.41	0.23	-0.14	-0.09	0.23	0.6
	259347	0.49	0.30	0.30	-0.17	-0.15	0.5
	259424	0.69	0.36	-0.17	-0.27	0.36	0.5
	259423	0.52	0.23	-0.13	-0.12	0.23	0.6
	259425	0.52	0.21	-0.13	0.21	-0.10	0.5
	259422	0.43	0.27	-0.13	0.27	-0.14	0.5
	259445	0.62	0.29	-0.20	0.29	-0.13	0.5
	259374	0.42	0.33	-0.19	-0.17	0.33	0.6
	259450	0.43	0.34	-0.23	-0.14	0.34	0.6
	259376	0.64	0.40	-0.18	-0.31	0.40	0.8
	259310	0.60	0.32	-0.17	0.32	-0.19	0.9
	259365	0.61	0.33	-0.14	0.33	-0.24	1.1
	259449	0.64	0.29	0.29	-0.13	-0.22	0.6
	259443	0.59	0.23	-0.12	0.23	-0.14	0.6
	259437	0.47	0.27	0.27	-0.06	-0.24	0.6
	259360	0.53	0.35	0.35	-0.27	-0.12	0.6
	259435	0.25	0.19	-0.10	-0.05	0.19	0.6
	259457	0.44	0.25	0.25	-0.23	0.00	0.8

Table 2.A3 Item Statistics: MD Mod-HSA English—October 2008

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
1	259330	0.68	0.38	-0.20	0.38	-0.26	0.7
	259458	0.36	0.17	0.17	-0.18	0.03	0.6
	259466	0.60	0.44	-0.19	-0.32	0.44	0.6
	259395	0.50	0.31	-0.08	0.31	-0.25	0.8
	259459	0.50	0.25	-0.10	-0.17	0.25	0.7
	259396	0.36	0.18	-0.10	-0.05	0.18	0.6
	259460	0.66	0.33	0.33	-0.26	-0.13	0.8
	259398	0.56	0.32	-0.22	0.32	-0.13	0.6
	259444	0.60	0.24	-0.05	0.24	-0.20	0.6
	259356	0.53	0.28	-0.18	-0.14	0.28	0.6
Mean		0.51	0.27	-0.01	0.00	-0.02	0.5
SD		0.13	0.07	0.21	0.23	0.21	0.2

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A4 Item Statistics: MD Mod-HSA Government—October

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
1	258363	0.44	0.26	-0.18	-0.12	0.26	0.0
	258500	0.24	0.19	0.19	-0.07	-0.11	0.0
	258338	0.42	0.22	-0.09	0.22	-0.16	0.0
	258327	0.47	0.22	0.22	-0.10	-0.19	0.0
	258408	0.48	0.29	0.29	-0.20	-0.13	0.1
	258355	0.48	0.21	0.21	-0.12	-0.12	0.2
	258458	0.44	0.33	0.33	-0.18	-0.19	0.1
	258505	0.48	0.23	0.23	-0.10	-0.16	0.1
	258506	0.64	0.19	-0.09	-0.14	0.19	0.1
	258349	0.56	0.32	0.32	-0.23	-0.15	0.1
	258429	0.45	0.16	-0.02	-0.16	0.16	0.2
	258353	0.31	0.13	-0.03	0.13	-0.11	0.1
	258396	0.48	0.21	0.21	-0.10	-0.14	0.3
	258410	0.45	0.28	-0.14	-0.16	0.28	0.1
	258386	0.49	0.49	0.49	-0.30	-0.24	0.4
	258350	0.34	0.20	0.20	-0.06	-0.12	0.4
	258378	0.45	0.18	-0.09	-0.09	0.18	0.4
	258503	0.36	0.22	-0.11	-0.10	0.22	0.4
	258440	0.61	0.26	-0.17	0.26	-0.13	0.4
	258400	0.55	0.33	-0.24	-0.15	0.33	0.4
	258421	0.30	0.23	0.23	-0.11	-0.09	0.4
	258446	0.38	0.22	-0.20	0.22	-0.01	0.4
	258344	0.38	0.25	0.25	-0.11	-0.13	0.5
	258432	0.48	0.21	-0.12	-0.09	0.21	0.4
	258428	0.50	0.24	-0.10	-0.15	0.24	0.4
	258360	0.43	0.22	-0.10	0.22	-0.12	0.4
	258343	0.52	0.30	-0.12	0.30	-0.22	0.5
	258438	0.55	0.37	0.37	-0.20	-0.22	0.4
	258718	0.72	0.42	0.42	-0.25	-0.26	0.4
	258424	0.31	0.13	0.05	0.13	-0.15	0.5
	258323	0.37	0.25	-0.18	0.25	-0.06	0.4
	258324	0.65	0.47	-0.25	-0.32	0.47	0.5
	258437	0.42	0.20	-0.03	-0.15	0.20	0.5
	258319	0.33	0.11	-0.05	0.11	-0.03	0.5
	258389	0.57	0.17	-0.08	0.17	-0.11	0.6
	258379	0.58	0.23	-0.03	-0.22	0.23	0.5
	258413	0.48	0.23	-0.12	0.23	-0.12	0.6
	258448	0.48	0.37	0.37	-0.25	-0.14	0.6
	258721	0.35	0.21	0.21	-0.09	-0.10	0.5
	258439	0.47	0.26	-0.11	0.26	-0.16	0.5

Table 2.A4 Item Statistics: MD Mod-HSA Government—October

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
1	258368	0.44	0.20	0.20	-0.17	-0.02	0.5
	258320	0.34	0.13	0.00	0.13	-0.11	0.6
	258436	0.57	0.37	0.37	-0.26	-0.16	0.5
	258384	0.68	0.34	-0.17	0.34	-0.23	0.6
	258486	0.49	0.23	-0.12	0.23	-0.11	0.6
	258411	0.31	0.13	-0.15	0.04	0.13	0.6
	258313	0.68	0.33	-0.20	0.33	-0.18	0.5
	258716	0.47	0.34	0.34	-0.18	-0.18	0.7
	258335	0.53	0.37	-0.18	-0.22	0.37	0.5
	258377	0.64	0.35	0.35	-0.18	-0.23	0.7
Mean		0.47	0.26	0.05	-0.04	-0.03	0.4
SD		0.11	0.09	0.21	0.19	0.19	0.2

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A5 Item Statistics: MD Mod-HSA Algebra—January 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2—3	258190	0.36	0.27	-0.11	-0.16	0.27	0.1
	258164	0.41	0.26	-0.13	-0.15	0.26	0.1
	258224	0.33	0.31	-0.04	0.31	-0.26	0.0
	258107	0.28	0.12	-0.06	-0.06	0.12	0.2
	258126	0.45	0.26	0.26	-0.13	-0.17	0.2
	258239	0.33	0.20	-0.06	0.20	-0.16	0.2
	258123	0.57	0.37	0.37	-0.29	-0.14	0.1
	258124	0.30	0.38	-0.18	-0.18	0.38	0.0
	258168	0.58	0.24	-0.15	0.24	-0.17	0.0
	258200	0.30	0.23	0.23	0.00	-0.22	0.2
	258179	0.32	0.18	-0.09	-0.09	0.18	0.2
	258235	0.60	0.39	-0.30	0.39	-0.17	0.4
	258105	0.31	0.19	0.19	-0.18	-0.01	0.2
	258236	0.48	0.21	-0.14	0.21	-0.10	0.2
	261559	0.32	0.16	0.16	-0.12	-0.04	0.1
	258211	0.54	0.41	-0.35	0.41	-0.12	0.1
	258209	0.61	0.20	-0.11	-0.15	0.20	0.2
	258182	0.61	0.38	-0.19	-0.27	0.38	0.1
	258238	0.25	0.27	-0.17	-0.06	0.27	0.1
	261561	0.53	0.29	0.29	-0.13	-0.20	0.2
	258132	0.49	0.25	-0.12	0.25	-0.16	0.2
	258158	0.48	0.34	-0.16	-0.22	0.34	0.2
	258145	0.54	0.29	-0.23	0.29	-0.11	0.2
	258117	0.44	0.20	-0.08	-0.14	0.20	0.4
	258229	0.64	0.27	-0.21	0.27	-0.12	0.4
	258197	0.59	0.29	-0.22	0.29	-0.11	0.3
	258097	0.29	0.33	0.33	-0.10	-0.23	0.4
	258310	0.66	0.34	-0.17	-0.24	0.34	0.5
	258109	0.46	0.24	0.24	-0.14	-0.12	0.4
	258110	0.41	0.20	-0.07	0.20	-0.14	0.4
	258103	0.30	0.17	0.17	-0.20	0.07	0.6
	258108	0.45	0.11	-0.02	0.11	-0.09	0.4
	258196	0.60	0.23	-0.08	0.23	-0.20	0.4
	261564	0.52	0.32	0.32	-0.21	-0.14	0.4
	258153	0.34	0.18	0.18	0.00	-0.16	0.3
	258181	0.76	0.36	-0.20	-0.26	0.36	0.3
	258240	0.62	0.29	-0.18	0.29	-0.18	0.4
	258157	0.22	0.20	0.20	-0.06	-0.09	0.4
	258091	0.28	0.23	-0.12	0.23	-0.08	0.3
	258118	0.49	0.31	0.31	-0.19	-0.16	0.4

Table 2.A5 Item Statistics: MD Mod-HSA Algebra—January 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2—3	258225	0.55	0.27	-0.17	0.27	-0.14	0.4
	261557	0.40	0.22	0.22	-0.17	-0.05	0.3
	258152	0.39	0.15	0.15	-0.14	-0.01	0.4
	258133	0.39	0.25	0.25	-0.17	-0.09	0.3
	258311	0.43	0.27	-0.16	0.27	-0.12	0.4
	258178	0.71	0.27	-0.15	-0.18	0.27	0.4
	258100	0.59	0.33	-0.26	0.33	-0.12	0.4
	258171	0.51	0.34	-0.19	0.34	-0.19	0.4
	258142	0.42	0.35	-0.13	-0.25	0.35	0.4
	258150	0.43	0.21	0.21	-0.02	-0.19	0.4
Mean		0.46	0.26	-0.02	0.01	-0.01	0.3
SD		0.13	0.07	0.20	0.22	0.20	0.1

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A6 Item Statistics: MD Mod-HSA Biology—January 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2—3	258627	0.75	0.22	-0.15	0.22	-0.15	0.0
	258733	0.53	0.06	0.06	0.06	-0.15	0.1
	258684	0.48	0.15	0.03	-0.20	0.15	0.1
	258644	0.31	0.23	0.23	-0.11	-0.10	0.1
	258634	0.44	0.26	-0.15	0.26	-0.12	0.2
	261645	0.36	0.26	-0.06	-0.20	0.26	0.3
	258619	0.39	0.26	0.26	-0.14	-0.12	0.3
	258700	0.59	0.30	-0.18	-0.18	0.30	0.3
	258618	0.32	0.22	-0.07	-0.13	0.22	0.3
	261627	0.64	0.25	-0.18	0.25	-0.10	0.3
	258639	0.39	0.23	0.23	-0.11	-0.13	0.2
	258732	0.55	0.21	0.21	-0.12	-0.12	0.3
	258727	0.54	0.29	-0.17	0.29	-0.16	0.2
	258622	0.49	0.35	0.35	-0.23	-0.15	0.3
	258695	0.43	0.18	-0.09	0.18	-0.10	0.2
	258631	0.80	0.29	0.29	-0.21	-0.15	0.2
	258699	0.25	0.06	-0.17	0.06	0.13	0.4
	261607	0.67	0.18	-0.09	0.18	-0.12	0.2
	261624	0.46	0.34	-0.17	-0.20	0.34	0.2
	258612	0.65	0.29	-0.15	0.29	-0.20	0.2
	261610	0.43	0.30	-0.13	-0.19	0.30	0.3
	258714	0.33	0.35	0.35	-0.15	-0.18	0.3
	258725	0.66	0.30	-0.20	0.30	-0.16	0.3
	258664	0.61	0.33	-0.12	0.33	-0.26	0.3
	258638	0.31	0.15	-0.01	-0.13	0.15	0.2
	258650	0.45	0.32	-0.14	-0.20	0.32	0.3
	261614	0.64	0.34	0.34	-0.21	-0.22	0.3
	261622	0.84	0.29	-0.18	0.29	-0.18	0.3
	258705	0.26	0.18	-0.13	-0.02	0.18	0.3
	258678	0.66	0.31	-0.15	0.31	-0.21	0.3
	261642	0.42	0.31	0.31	-0.25	-0.05	0.4
	258654	0.61	0.26	-0.24	-0.07	0.26	0.3
	258670	0.32	0.07	0.00	-0.05	0.07	0.3
	258660	0.47	0.30	-0.18	-0.16	0.30	0.3
	258637	0.50	0.33	-0.17	0.33	-0.20	0.4
	258640	0.60	0.23	-0.13	0.23	-0.14	0.3
	258674	0.47	0.21	-0.08	-0.13	0.21	0.3
	258697	0.41	0.20	0.20	-0.14	-0.06	0.3
	258616	0.23	0.00	-0.08	0.00	0.10	0.3
	258611	0.74	0.33	-0.22	0.33	-0.19	0.3

Table 2.A6 Item Statistics: MD Mod-HSA Biology—January 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
	261640	0.33	0.23	-0.11	-0.11	0.23	0.3
2—3	261617	0.37	0.16	0.16	-0.03	-0.16	0.3
	258726	0.43	0.21	0.21	-0.07	-0.14	0.3
	258730	0.38	0.26	0.26	-0.14	-0.12	0.4
	258651	0.45	0.37	0.37	-0.24	-0.15	0.4
	258657	0.20	0.13	-0.05	-0.06	0.13	0.3
	258712	0.43	0.25	-0.20	-0.08	0.25	0.3
	258731	0.34	0.22	-0.06	-0.14	0.22	0.4
	261608	0.54	0.32	-0.18	-0.18	0.32	0.4
	258693	0.35	0.32	0.32	-0.18	-0.14	0.3
Mean		0.48	0.24	0.00	-0.02	0.00	0.3
SD		0.15	0.08	0.20	0.19	0.19	0.1

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A7 Item Statistics: MD Mod-HSA English—January 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2—3	259343	0.65	0.35	-0.20	-0.25	0.35	0.0
	259415	0.61	0.26	0.26	-0.23	-0.11	0.0
	259417	0.49	0.19	0.19	-0.13	-0.11	0.0
	259416	0.77	0.35	-0.14	0.35	-0.30	0.1
	259312	0.68	0.38	0.38	-0.29	-0.18	0.1
	259368	0.40	0.25	0.25	-0.18	-0.10	0.0
	259371	0.73	0.39	-0.28	-0.22	0.39	0.0
	259367	0.69	0.28	-0.24	0.28	-0.14	0.1
	259370	0.50	0.20	-0.19	0.20	-0.07	0.0
	259318	0.60	0.40	0.40	-0.26	-0.23	0.1
	259319	0.32	0.07	0.04	-0.12	0.07	0.1
	259320	0.68	0.36	-0.23	0.36	-0.22	0.2
	259351	0.44	0.26	-0.20	0.26	-0.10	0.2
	259430	0.73	0.24	-0.22	0.24	-0.09	0.2
	259431	0.66	0.34	0.34	-0.20	-0.22	0.3
	259419	0.63	0.21	-0.12	0.21	-0.14	0.2
	259421	0.59	0.26	0.26	-0.22	-0.08	0.3
	259463	0.38	0.22	0.22	-0.15	-0.06	0.3
	259345	0.49	0.35	-0.17	-0.22	0.35	0.2
	259325	0.57	0.31	-0.19	0.31	-0.17	0.3
	259385	0.57	0.33	-0.17	-0.21	0.33	0.3
	259390	0.60	0.30	-0.14	-0.21	0.30	0.3
	259383	0.51	0.28	-0.20	0.28	-0.10	0.5
	259386	0.40	0.37	-0.20	-0.18	0.37	0.5
	259388	0.51	0.29	0.29	-0.12	-0.19	0.4
	259389	0.43	0.22	-0.13	0.22	-0.09	0.4
	259438	0.46	0.13	-0.07	0.13	-0.06	0.4
	259439	0.53	0.25	-0.22	0.25	-0.09	0.4
	259437	0.49	0.24	0.24	-0.08	-0.19	0.4
	259358	0.58	0.36	-0.16	-0.25	0.36	0.4
	259434	0.38	0.18	-0.10	0.18	-0.13	0.4
	259332	0.62	0.20	-0.17	0.20	-0.05	0.4
	259403	0.35	0.19	-0.01	-0.17	0.19	0.4
	259401	0.45	0.24	0.24	-0.07	-0.19	0.4
	259402	0.39	0.33	-0.25	-0.07	0.33	0.4
	259399	0.75	0.40	-0.20	-0.29	0.40	0.5
	259400	0.54	0.37	-0.20	-0.24	0.37	0.5
	259404	0.61	0.24	0.24	-0.13	-0.14	0.4
	259461	0.73	0.35	-0.23	-0.20	0.35	0.4
	259446	0.55	0.39	-0.21	-0.23	0.39	0.5

Table 2.A7 Item Statistics: MD Mod-HSA English—January 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2—3	259447	0.54	0.30	-0.17	0.30	-0.18	0.4
	259448	0.57	0.34	-0.18	-0.21	0.34	0.4
	259391	0.54	0.32	-0.14	0.32	-0.22	0.5
	259454	0.35	0.19	0.19	-0.11	-0.05	0.5
	259455	0.49	0.33	-0.23	-0.13	0.33	0.5
	259392	0.45	0.36	-0.16	-0.22	0.36	0.6
	259394	0.70	0.40	0.40	-0.25	-0.26	0.6
	259393	0.51	0.38	0.38	-0.21	-0.21	0.7
	259444	0.64	0.21	-0.09	0.21	-0.15	0.6
	259356	0.51	0.28	-0.18	-0.15	0.28	0.7
Mean		0.55	0.29	-0.03	-0.04	0.02	0.3
SD		0.12	0.08	0.22	0.22	0.24	0.2

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A8 Item Statistics: MD Mod-HSA Government—January 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2—3	258401	0.60	0.38	-0.21	-0.25	0.38	0.1
	258459	0.74	0.27	-0.18	0.27	-0.18	0.0
	258402	0.48	0.26	-0.18	-0.13	0.26	0.2
	258406	0.66	0.36	-0.20	0.36	-0.25	0.1
	258347	0.51	0.27	0.27	-0.23	-0.13	0.2
	258328	0.55	0.41	0.41	-0.27	-0.21	0.2
	258422	0.46	0.30	-0.15	-0.18	0.30	0.3
	258357	0.30	0.30	-0.14	0.30	-0.15	0.3
	258452	0.45	0.38	0.38	-0.23	-0.20	0.3
	258330	0.48	0.35	0.35	-0.23	-0.16	0.3
	258454	0.42	0.30	-0.19	-0.15	0.30	0.2
	258364	0.65	0.35	-0.20	0.35	-0.23	0.3
	258361	0.50	0.34	0.34	-0.26	-0.12	0.4
	258336	0.44	0.25	-0.13	-0.13	0.25	0.3
	258376	0.46	0.35	0.35	-0.21	-0.16	0.3
	258419	0.25	0.12	-0.04	0.12	-0.05	0.3
	258425	0.55	0.25	-0.12	0.25	-0.17	0.3
	258715	0.76	0.29	-0.22	0.29	-0.13	0.3
	258473	0.48	0.26	-0.09	-0.19	0.26	0.3
	258478	0.23	0.09	0.12	0.09	-0.19	0.3
	258501	0.53	0.33	-0.18	-0.18	0.33	0.4
	258450	0.45	0.30	0.30	-0.17	-0.15	0.4
	258498	0.45	0.39	0.39	-0.19	-0.23	0.5
	258388	0.32	0.27	-0.16	0.27	-0.09	0.5
	258351	0.36	0.37	0.37	-0.34	-0.01	0.5
	258488	0.75	0.32	0.32	-0.24	-0.15	0.5
	258479	0.42	0.32	-0.15	0.32	-0.19	0.5
	258375	0.54	0.48	0.48	-0.31	-0.24	0.5
	258414	0.42	0.24	-0.10	0.24	-0.14	0.5
	258495	0.27	0.24	0.24	-0.07	-0.14	0.5
	258321	0.54	0.33	0.33	-0.17	-0.19	0.5
	258426	0.28	0.31	0.31	-0.20	-0.08	0.5
	258722	0.52	0.22	-0.13	0.22	-0.11	0.5
	258407	0.33	0.12	0.12	-0.01	-0.10	0.5
	258412	0.59	0.39	0.39	-0.19	-0.27	0.5
	258369	0.49	0.36	-0.25	-0.14	0.36	0.5
	258483	0.54	0.37	0.37	-0.24	-0.20	0.5
	258719	0.62	0.38	0.38	-0.25	-0.20	0.6
	258345	0.21	0.07	0.07	0.07	-0.13	0.6
	258390	0.60	0.33	-0.20	0.33	-0.18	0.5

Table 2.A8 Item Statistics: MD Mod-HSA Government—January 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2—3	258329	0.32	0.28	0.28	-0.04	-0.22	0.5
	258409	0.61	0.12	-0.04	0.12	-0.09	0.5
	258434	0.40	0.23	-0.08	-0.15	0.23	0.5
	258391	0.60	0.35	0.35	-0.22	-0.18	0.5
	258316	0.46	0.19	-0.03	0.19	-0.15	0.5
	258404	0.48	0.32	0.32	-0.18	-0.16	0.5
	258468	0.51	0.36	0.36	-0.23	-0.16	0.5
	258491	0.41	0.28	-0.07	0.28	-0.22	0.6
	258341	0.52	0.26	0.26	-0.17	-0.12	0.6
	258502	0.30	0.21	0.21	-0.14	-0.04	0.8
Mean		0.48	0.29	0.09	-0.04	-0.08	0.4
SD		0.13	0.09	0.24	0.22	0.19	0.2

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A9 Item Statistics: MD Mod-HSA Algebra—April 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2	258190	0.39	0.37	-0.16	-0.23	0.37	0.0
	258164	0.42	0.31	-0.21	-0.14	0.31	0.0
	258224	0.38	0.31	0.03	0.31	-0.35	0.0
	258107	0.31	0.19	-0.06	-0.14	0.19	0.2
	258126	0.46	0.25	0.25	-0.21	-0.06	0.0
	258239	0.40	0.23	-0.11	0.23	-0.14	0.0
	258123	0.57	0.28	0.28	-0.17	-0.18	0.0
	258124	0.32	0.38	-0.09	-0.28	0.38	0.0
	258168	0.60	0.33	-0.21	0.33	-0.21	0.0
	258200	0.32	0.21	0.21	0.02	-0.22	0.0
	258179	0.35	0.17	-0.15	-0.04	0.17	0.2
	258235	0.62	0.34	-0.27	0.34	-0.14	0.2
	258105	0.32	0.19	0.19	-0.14	-0.05	0.0
	258236	0.45	0.21	-0.08	0.21	-0.15	0.0
	261559	0.35	0.17	0.17	-0.12	-0.06	0.0
	258211	0.51	0.36	-0.37	0.36	0.00	0.0
	258209	0.62	0.23	-0.14	-0.17	0.23	0.0
	258182	0.62	0.40	-0.21	-0.29	0.40	0.0
	258238	0.27	0.34	-0.16	-0.15	0.34	0.0
	261561	0.52	0.26	0.26	-0.15	-0.16	0.2
	258132	0.53	0.32	-0.14	0.32	-0.23	0.0
	258158	0.48	0.34	-0.14	-0.25	0.34	0.0
	258145	0.53	0.27	-0.26	0.27	-0.06	0.0
	258117	0.47	0.25	-0.12	-0.16	0.25	0.2
	258229	0.63	0.26	-0.19	0.26	-0.14	0.0
	258197	0.57	0.27	-0.20	0.27	-0.15	0.0
	258097	0.34	0.28	0.28	-0.17	-0.13	0.0
	258310	0.63	0.41	-0.23	-0.29	0.41	0.0
	258109	0.40	0.26	0.26	-0.19	-0.08	0.4
	258110	0.44	0.27	-0.12	0.27	-0.18	0.0
	258103	0.30	0.26	0.26	-0.27	0.04	0.0
	258108	0.50	0.17	-0.05	0.17	-0.15	0.0
	258196	0.59	0.18	-0.09	0.18	-0.14	0.0
	261564	0.50	0.37	0.37	-0.24	-0.18	0.0
	258153	0.35	0.19	0.19	-0.04	-0.15	0.2
	258181	0.75	0.40	-0.22	-0.29	0.40	0.2
	258240	0.59	0.29	-0.19	0.29	-0.16	0.2
	258157	0.23	0.12	0.12	-0.09	-0.01	0.4
	258091	0.24	0.29	-0.16	0.29	-0.09	0.2
	258118	0.52	0.34	0.34	-0.20	-0.21	0.2

Table 2.A9 Item Statistics: MD Mod-HSA Algebra—April 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2	258225	0.57	0.23	-0.13	0.23	-0.15	0.2
	261557	0.38	0.24	0.24	-0.20	-0.05	0.2
	258152	0.43	0.18	0.18	-0.14	-0.04	0.2
	258133	0.39	0.28	0.28	-0.19	-0.10	0.2
	258311	0.45	0.18	-0.10	0.18	-0.10	0.2
	258178	0.73	0.31	-0.20	-0.20	0.31	0.4
	258100	0.64	0.35	-0.27	0.35	-0.16	0.2
	258171	0.50	0.32	-0.23	0.32	-0.13	0.2
	258142	0.42	0.35	-0.13	-0.25	0.35	0.2
	258150	0.43	0.20	0.20	0.01	-0.24	0.2
Mean		0.47	0.27	-0.03	0.00	-0.01	0.1
SD		0.13	0.07	0.21	0.23	0.22	0.1

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A10 Item Statistics: MD Mod-HSA Biology—April 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2	258627	0.76	0.12	-0.03	0.12	-0.16	0.0
	258733	0.54	0.06	0.06	0.02	-0.12	0.0
	258684	0.46	0.06	0.04	-0.11	0.06	0.0
	258644	0.37	0.26	0.26	-0.20	-0.07	0.0
	258634	0.44	0.28	-0.14	0.28	-0.17	0.0
	261645	0.35	0.22	-0.05	-0.19	0.22	0.0
	258619	0.39	0.28	0.28	-0.17	-0.13	0.0
	258700	0.62	0.33	-0.22	-0.21	0.33	0.0
	258618	0.32	0.24	-0.14	-0.10	0.24	0.2
	261627	0.66	0.22	-0.16	0.22	-0.12	0.0
	258639	0.37	0.29	0.29	-0.12	-0.18	0.0
	258732	0.50	0.17	0.17	-0.20	0.03	0.4
	258727	0.48	0.28	-0.21	0.28	-0.11	0.2
	258622	0.51	0.32	0.32	-0.24	-0.12	0.2
	258695	0.42	0.25	-0.15	0.25	-0.13	0.2
	258631	0.82	0.30	0.30	-0.19	-0.20	0.2
	258699	0.24	0.02	-0.16	0.02	0.14	0.2
	261607	0.70	0.29	-0.15	0.29	-0.21	0.4
	261624	0.48	0.35	-0.20	-0.20	0.35	0.5
	258612	0.62	0.29	-0.17	0.29	-0.18	0.2
	261610	0.41	0.29	-0.12	-0.18	0.29	0.2
	258714	0.31	0.32	0.32	-0.24	-0.06	0.2
	258725	0.65	0.32	-0.15	0.32	-0.23	0.2
	258664	0.59	0.28	-0.15	0.28	-0.17	0.4
	258638	0.33	0.15	-0.05	-0.09	0.15	0.2
	258650	0.45	0.34	-0.22	-0.16	0.34	0.0
	261614	0.62	0.37	0.37	-0.24	-0.23	0.2
	261622	0.84	0.28	-0.14	0.28	-0.23	0.0
	258705	0.22	0.26	-0.17	-0.06	0.26	0.4
	258678	0.66	0.29	-0.16	0.29	-0.20	0.0
	261642	0.42	0.28	0.28	-0.27	-0.01	0.0
	258654	0.58	0.23	-0.24	-0.04	0.23	0.0
	258670	0.34	0.14	0.03	-0.16	0.14	0.0
	258660	0.48	0.34	-0.23	-0.18	0.34	0.0
	258637	0.53	0.34	-0.21	0.34	-0.20	0.0
	258640	0.59	0.21	-0.11	0.21	-0.16	0.0
	258674	0.50	0.18	-0.12	-0.08	0.18	0.0
	258697	0.41	0.23	0.23	-0.20	-0.05	0.2
	258616	0.24	-0.02	-0.08	-0.02	0.09	0.0
	258611	0.70	0.39	-0.27	0.39	-0.22	0.0

Table 2.A10 Item Statistics: MD Mod-HSA Biology—April 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2	261640	0.32	0.20	-0.04	-0.15	0.20	0.2
	261617	0.35	0.15	0.15	-0.06	-0.13	0.0
	258726	0.44	0.22	0.22	-0.12	-0.12	0.2
	258730	0.35	0.26	0.26	-0.13	-0.15	0.0
	258651	0.47	0.42	0.42	-0.30	-0.16	0.2
	258657	0.23	0.16	-0.15	-0.03	0.16	0.0
	258712	0.40	0.26	-0.19	-0.11	0.26	0.2
	258731	0.33	0.23	-0.11	-0.11	0.23	0.2
	261608	0.52	0.33	-0.12	-0.26	0.33	0.4
	258693	0.38	0.29	0.29	-0.17	-0.14	0.4
Mean		0.47	0.25	-0.01	-0.03	0.00	0.1
SD		0.15	0.09	0.20	0.20	0.20	0.1

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A11 Item Statistics: MD Mod-HSA English—April 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2	259343	0.60	0.33	-0.18	-0.23	0.33	0.0
	259415	0.60	0.22	0.22	-0.16	-0.12	0.0
	259417	0.45	0.17	0.17	-0.12	-0.09	0.0
	259416	0.78	0.26	-0.09	0.26	-0.25	0.0
	259312	0.69	0.42	0.42	-0.27	-0.27	0.0
	259368	0.39	0.27	0.27	-0.23	-0.07	0.0
	259371	0.71	0.39	-0.28	-0.22	0.39	0.0
	259367	0.68	0.22	-0.18	0.22	-0.12	0.0
	259370	0.51	0.21	-0.23	0.21	-0.05	0.0
	259318	0.64	0.37	0.37	-0.25	-0.21	0.0
	259319	0.34	0.11	0.04	-0.18	0.11	0.0
	259320	0.68	0.35	-0.19	0.35	-0.25	0.2
	259351	0.41	0.20	-0.18	0.20	-0.06	0.0
	259430	0.75	0.18	-0.22	0.18	-0.03	0.0
	259431	0.65	0.37	0.37	-0.18	-0.29	0.0
	259419	0.62	0.21	-0.09	0.21	-0.17	0.0
	259421	0.62	0.23	0.23	-0.14	-0.14	0.0
	259463	0.41	0.22	0.22	-0.19	-0.05	0.0
	259345	0.52	0.35	-0.15	-0.26	0.35	0.0
	259325	0.58	0.31	-0.16	0.31	-0.22	0.0
	259385	0.53	0.31	-0.17	-0.20	0.31	0.0
	259390	0.53	0.42	-0.21	-0.28	0.42	0.0
	259383	0.51	0.25	-0.17	0.25	-0.12	0.0
	259386	0.42	0.35	-0.24	-0.15	0.35	0.0
	259388	0.53	0.27	0.27	-0.18	-0.14	0.0
	259389	0.40	0.29	-0.16	0.29	-0.15	0.4
	259438	0.50	0.16	-0.04	0.16	-0.14	0.2
	259439	0.53	0.18	-0.21	0.18	-0.03	0.0
	259437	0.47	0.30	0.30	-0.14	-0.20	0.2
	259358	0.53	0.37	-0.24	-0.21	0.37	0.0
	259434	0.43	0.22	-0.11	0.22	-0.19	0.0
	259332	0.59	0.20	-0.16	0.20	-0.09	0.2
	259403	0.37	0.26	-0.06	-0.24	0.26	0.0
	259401	0.46	0.24	0.24	-0.11	-0.17	0.2
	259402	0.41	0.42	-0.29	-0.15	0.42	0.2
	259399	0.70	0.35	-0.23	-0.23	0.35	0.0
	259400	0.56	0.32	-0.17	-0.24	0.32	0.0
	259404	0.58	0.23	0.23	-0.07	-0.20	0.0
	259461	0.71	0.34	-0.27	-0.18	0.34	0.0
	259446	0.53	0.43	-0.24	-0.26	0.43	0.0

Table 2.A11 Item Statistics: MD Mod-HSA English—April 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2	259447	0.53	0.30	-0.15	0.30	-0.24	0.0
	259448	0.55	0.30	-0.17	-0.19	0.30	0.0
	259391	0.50	0.32	-0.20	0.32	-0.16	0.0
	259454	0.37	0.24	0.24	-0.16	-0.09	0.0
	259455	0.56	0.36	-0.26	-0.16	0.36	0.0
	259392	0.45	0.40	-0.20	-0.24	0.40	0.0
	259394	0.71	0.41	0.41	-0.27	-0.26	0.2
	259393	0.54	0.37	0.37	-0.23	-0.20	0.0
	259444	0.61	0.22	-0.10	0.22	-0.17	0.2
	259356	0.50	0.27	-0.22	-0.11	0.27	0.0
Mean		0.54	0.29	-0.04	-0.05	0.02	0.0
SD		0.11	0.08	0.23	0.21	0.25	0.1

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A12 Item Statistics: MD Mod-HSA Government—April 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2	258401	0.62	0.39	-0.21	-0.27	0.39	0.0
	258459	0.73	0.25	-0.14	0.25	-0.18	0.0
	258402	0.45	0.22	-0.13	-0.15	0.22	0.0
	258406	0.65	0.31	-0.15	0.31	-0.24	0.0
	258347	0.43	0.16	0.16	-0.21	-0.03	0.0
	258328	0.60	0.35	0.35	-0.25	-0.18	0.2
	258422	0.42	0.33	-0.19	-0.18	0.33	0.0
	258357	0.32	0.30	-0.14	0.30	-0.16	0.0
	258452	0.51	0.37	0.37	-0.25	-0.19	0.0
	258330	0.49	0.28	0.28	-0.20	-0.12	0.0
	258454	0.40	0.31	-0.26	-0.12	0.31	0.2
	258364	0.67	0.27	-0.21	0.27	-0.15	0.0
	258361	0.56	0.25	0.25	-0.19	-0.11	0.0
	258336	0.48	0.31	-0.13	-0.21	0.31	0.0
	258376	0.50	0.30	0.30	-0.23	-0.12	0.0
	258419	0.24	0.13	-0.06	0.13	-0.05	0.0
	258425	0.57	0.23	-0.14	0.23	-0.14	0.0
	258715	0.73	0.27	-0.21	0.27	-0.15	0.0
	258473	0.47	0.27	-0.10	-0.22	0.27	0.0
	258478	0.22	0.07	0.09	0.07	-0.16	0.0
	258501	0.51	0.36	-0.26	-0.17	0.36	0.0
	258450	0.44	0.30	0.30	-0.12	-0.23	0.0
	258498	0.42	0.31	0.31	-0.13	-0.22	0.0
	258388	0.35	0.18	-0.13	0.18	-0.06	0.0
	258351	0.41	0.37	0.37	-0.32	-0.07	0.0
	258488	0.73	0.38	0.38	-0.25	-0.23	0.2
	258479	0.47	0.20	-0.12	0.20	-0.11	0.2
	258375	0.57	0.33	0.33	-0.24	-0.14	0.2
	258414	0.42	0.26	-0.05	0.26	-0.21	0.2
	258495	0.27	0.20	0.20	-0.09	-0.08	0.2
	258321	0.57	0.40	0.40	-0.23	-0.24	0.2
	258426	0.28	0.23	0.23	-0.22	0.02	0.2
	258722	0.48	0.25	-0.18	0.25	-0.08	0.2
	258407	0.32	0.23	0.23	-0.10	-0.13	0.2
	258412	0.66	0.38	0.38	-0.21	-0.26	0.2
	258369	0.54	0.29	-0.18	-0.15	0.29	0.2
	258483	0.55	0.34	0.34	-0.24	-0.18	0.2
	258719	0.58	0.28	0.28	-0.21	-0.11	0.2
	258345	0.24	0.04	0.09	0.04	-0.15	0.2
	258390	0.61	0.30	-0.21	0.30	-0.15	0.7

Table 2.A12 Item Statistics: MD Mod-HSA Government—April 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
2	258329	0.32	0.24	0.24	0.02	-0.27	0.2
	258409	0.57	0.20	-0.13	0.20	-0.10	0.2
	258434	0.41	0.26	-0.14	-0.14	0.26	0.2
	258391	0.63	0.27	0.27	-0.15	-0.18	0.2
	258316	0.44	0.12	-0.02	0.12	-0.10	0.2
	258404	0.50	0.33	0.33	-0.18	-0.19	0.2
	258468	0.52	0.31	0.31	-0.24	-0.11	0.2
	258491	0.41	0.28	-0.08	0.28	-0.23	0.2
	258341	0.48	0.25	0.25	-0.13	-0.15	0.4
	258502	0.35	0.22	0.22	-0.16	-0.05	0.4
Mean		0.48	0.27	0.07	-0.05	-0.07	0.1
SD		0.13	0.08	0.23	0.20	0.19	0.1

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A13 Item Statistics: MD Mod-HSA Algebra—May 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
1	258090	0.58	0.34	-0.17	-0.24	0.34	0.0
	258095	0.71	0.38	0.38	-0.22	-0.27	0.0
	258166	0.72	0.36	-0.32	0.36	-0.13	0.0
	258312	0.51	0.39	0.39	-0.27	-0.20	0.1
	258173	0.51	0.29	-0.14	0.29	-0.20	0.1
	258115	0.41	0.34	0.34	-0.20	-0.17	0.1
	258223	0.30	0.12	-0.06	0.12	-0.06	0.1
	258230	0.52	0.21	0.21	-0.23	-0.04	0.0
	258147	0.48	0.28	0.28	-0.15	-0.20	0.1
	261560	0.64	0.35	-0.21	0.35	-0.22	0.1
	258227	0.63	0.32	0.32	-0.18	-0.23	0.1
	258308	0.42	0.30	0.30	-0.11	-0.22	0.1
	258101	0.56	0.30	-0.23	0.30	-0.13	0.1
	258210	0.76	0.37	-0.26	0.37	-0.22	0.0
	258116	0.42	0.16	0.16	-0.14	-0.07	0.1
	258089	0.28	0.28	-0.14	0.28	-0.12	0.1
	261556	0.44	0.29	0.29	-0.25	-0.07	0.1
	258309	0.82	0.35	-0.22	-0.25	0.35	0.1
	258098	0.61	0.39	-0.23	-0.26	0.39	0.1
	258208	0.43	0.18	-0.05	-0.15	0.18	0.1
	258161	0.57	0.46	0.46	-0.39	-0.14	0.1
	258159	0.41	0.28	-0.11	-0.20	0.28	0.1
	258184	0.53	0.31	-0.11	0.31	-0.25	0.1
	258136	0.53	0.31	-0.18	0.31	-0.19	0.2
	258102	0.49	0.30	-0.13	0.30	-0.21	0.2
	258226	0.39	0.27	-0.10	-0.19	0.27	0.1
	258188	0.67	0.31	-0.17	0.31	-0.22	0.2
	258174	0.47	0.26	-0.12	-0.17	0.26	0.3
	258187	0.59	0.29	-0.13	-0.21	0.29	0.2
	258154	0.39	0.48	-0.33	-0.18	0.48	0.2
	258113	0.56	0.35	-0.24	0.35	-0.17	0.1
	258198	0.40	0.28	-0.16	-0.14	0.28	0.3
	258167	0.62	0.35	-0.25	0.35	-0.18	0.2
	258169	0.47	0.29	-0.11	-0.21	0.29	0.2
	258119	0.47	0.30	0.30	-0.11	-0.25	0.2
	258160	0.44	0.29	0.29	-0.17	-0.14	0.3
	258241	0.55	0.33	-0.17	0.33	-0.22	0.2
	258130	0.51	0.27	0.27	-0.16	-0.16	0.3
	258131	0.22	-0.02	-0.02	0.11	-0.11	0.2
	258128	0.63	0.40	-0.21	0.40	-0.27	0.2

Table 2.A13 Item Statistics: MD Mod-HSA Algebra—May 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
1	258509	0.37	0.23	0.23	-0.23	-0.01	0.3
	258231	0.62	0.45	-0.24	-0.31	0.45	0.3
	258111	0.58	0.36	-0.24	0.36	-0.20	0.3
	258096	0.25	0.09	0.09	0.11	-0.22	0.3
	258125	0.38	0.13	-0.17	0.13	0.01	0.3
	258144	0.33	0.16	0.16	0.01	-0.18	0.4
	261558	0.39	0.27	-0.17	0.27	-0.10	0.3
	261562	0.43	0.30	0.30	-0.19	-0.13	0.3
	258220	0.35	0.20	-0.11	-0.08	0.20	0.4
	258135	0.55	0.23	-0.15	0.23	-0.12	0.4
Mean		0.50	0.29	-0.02	0.01	-0.04	0.2
SD		0.13	0.09	0.23	0.25	0.22	0.1

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A14 Item Statistics: MD Mod-HSA Biology—May 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
1	258636	0.63	0.34	-0.24	0.34	-0.19	0.0
	258653	0.38	0.28	0.28	-0.04	-0.25	0.1
	258690	0.43	0.21	-0.03	-0.19	0.21	0.1
	258702	0.58	0.36	-0.28	0.36	-0.15	0.0
	258662	0.35	0.29	-0.15	-0.15	0.29	0.1
	258659	0.31	0.13	0.13	-0.11	-0.01	0.0
	258673	0.66	0.25	-0.14	-0.18	0.25	0.0
	258701	0.46	0.27	-0.22	0.27	-0.11	0.0
	258628	0.63	0.28	0.28	-0.21	-0.14	0.0
	258685	0.32	0.26	0.26	-0.12	-0.18	0.0
	261611	0.13	0.07	0.00	-0.05	0.07	0.0
	258615	0.47	0.17	-0.09	0.17	-0.10	0.1
	258683	0.65	0.37	-0.25	0.37	-0.21	0.2
	258641	0.51	0.17	-0.07	0.17	-0.13	0.1
	258676	0.45	0.16	-0.09	0.16	-0.09	0.2
	258607	0.63	0.24	-0.17	0.24	-0.17	0.0
	258645	0.55	0.39	-0.21	-0.26	0.39	0.2
	258666	0.57	0.21	-0.10	0.21	-0.17	0.1
	258675	0.46	0.24	-0.08	0.24	-0.18	0.3
	261609	0.59	0.23	-0.08	-0.24	0.23	0.1
	258665	0.26	0.25	0.25	-0.07	-0.15	0.2
	258682	0.48	0.16	-0.08	0.16	-0.11	0.2
	258648	0.43	0.36	-0.17	0.36	-0.22	0.1
	258614	0.41	0.35	-0.16	-0.21	0.35	0.2
	258680	0.42	0.30	-0.13	-0.19	0.30	0.3
	258681	0.41	0.10	-0.05	-0.06	0.10	0.4
	258642	0.58	0.16	-0.05	0.16	-0.13	0.1
	261623	0.70	0.29	-0.16	-0.25	0.29	0.1
	258649	0.30	0.16	0.16	-0.31	0.10	0.2
	258687	0.49	0.28	-0.15	0.28	-0.17	0.2
	258646	0.36	0.27	0.27	-0.19	-0.09	0.1
	261626	0.67	0.30	-0.19	-0.19	0.30	0.2
	258707	0.54	0.32	0.32	-0.22	-0.15	0.1
	258643	0.58	0.25	0.25	-0.17	-0.15	0.2
	258698	0.34	0.15	-0.12	-0.03	0.15	0.1
	258728	0.26	0.22	-0.14	-0.13	0.22	0.1
	258734	0.59	0.35	-0.20	-0.22	0.35	0.1
	258735	0.52	0.32	-0.20	0.32	-0.18	0.1
	258704	0.55	0.30	-0.14	0.30	-0.22	0.1
	258624	0.59	0.35	0.35	-0.26	-0.16	0.1

Table 2.A14 Item Statistics: MD Mod-HSA Biology—May 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
1	258697	0.43	0.17	0.17	-0.14	-0.04	0.2
	258616	0.22	0.03	-0.10	0.03	0.08	0.2
	258617	0.46	0.14	0.14	-0.19	0.02	0.3
	258688	0.42	0.22	-0.14	-0.09	0.22	0.3
	258669	0.64	0.31	-0.19	-0.20	0.31	0.3
	261621	0.69	0.34	0.34	-0.21	-0.23	0.3
	261619	0.70	0.28	-0.18	0.28	-0.18	0.3
	258692	0.51	0.22	-0.08	-0.17	0.22	0.3
	258635	0.55	0.34	-0.23	-0.18	0.34	0.2
	261616	0.53	0.35	-0.25	-0.15	0.35	0.3
Mean		0.49	0.25	-0.04	-0.02	0.02	0.2
SD		0.13	0.08	0.19	0.21	0.21	0.1

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A15 Item Statistics: MD Mod-HSA English—May 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
1	259429	0.52	0.26	0.26	-0.19	-0.11	0.0
	259426	0.61	0.33	0.33	-0.20	-0.21	0.0
	259349	0.66	0.34	-0.22	0.34	-0.21	0.1
	259427	0.48	0.27	-0.12	0.27	-0.18	0.1
	259312	0.67	0.37	0.37	-0.25	-0.21	0.0
	259368	0.37	0.24	0.24	-0.18	-0.08	0.0
	259371	0.71	0.40	-0.26	-0.25	0.40	0.1
	259367	0.71	0.28	-0.21	0.28	-0.17	0.2
	259370	0.49	0.20	-0.22	0.20	-0.05	0.2
	259432	0.65	0.30	0.30	-0.18	-0.20	0.1
	259433	0.55	0.34	0.34	-0.20	-0.20	0.1
	259354	0.44	0.23	-0.16	-0.10	0.23	0.2
	259407	0.19	0.03	-0.18	0.03	0.17	0.4
	259335	0.36	0.23	-0.16	-0.09	0.23	0.5
	259410	0.69	0.36	-0.25	0.36	-0.20	0.3
	259413	0.50	0.24	-0.14	0.24	-0.18	0.3
	259411	0.46	0.30	-0.18	-0.16	0.30	0.4
	259414	0.38	0.29	-0.13	-0.16	0.29	0.3
	259338	0.39	0.16	0.16	0.01	-0.18	0.3
	259339	0.66	0.31	-0.19	0.31	-0.22	0.3
	259340	0.77	0.40	-0.25	-0.26	0.40	0.2
	259362	0.63	0.41	0.41	-0.28	-0.21	0.2
	259436	0.33	0.18	0.18	-0.02	-0.19	0.3
	259347	0.43	0.25	0.25	-0.15	-0.12	0.3
	259424	0.60	0.34	-0.15	-0.26	0.34	0.3
	259423	0.50	0.25	-0.14	-0.14	0.25	0.4
	259425	0.49	0.19	-0.11	0.19	-0.09	0.4
	259422	0.42	0.23	-0.10	0.23	-0.14	0.5
	259445	0.66	0.28	-0.24	0.28	-0.08	0.3
	259374	0.43	0.31	-0.19	-0.17	0.31	0.3
	259450	0.41	0.36	-0.19	-0.19	0.36	0.3
	259376	0.64	0.41	-0.20	-0.31	0.41	0.4
	259310	0.59	0.34	-0.22	0.34	-0.18	0.4
	259365	0.62	0.35	-0.17	0.35	-0.24	0.5
	259449	0.65	0.29	0.29	-0.14	-0.24	0.3
	259441	0.31	0.20	0.20	-0.14	-0.04	0.3
	259443	0.55	0.28	-0.14	0.28	-0.17	0.3
	259437	0.47	0.28	0.28	-0.09	-0.22	0.3
	259457	0.44	0.26	0.26	-0.24	-0.01	0.5
1	259330	0.69	0.40	-0.20	0.40	-0.28	0.3

Table 2.A15 Item Statistics: MD Mod-HSA English—May 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
	259458	0.37	0.17	0.17	-0.19	0.02	0.3
	259466	0.61	0.45	-0.22	-0.33	0.45	0.3
	259395	0.46	0.29	-0.06	0.29	-0.25	0.3
	259459	0.50	0.34	-0.20	-0.19	0.34	0.4
	259396	0.36	0.22	-0.12	-0.08	0.22	0.3
	259460	0.64	0.37	0.37	-0.28	-0.16	0.3
	259398	0.57	0.31	-0.17	0.31	-0.19	0.3
	259397	0.44	0.29	-0.22	-0.09	0.29	0.3
	259360	0.49	0.33	0.33	-0.19	-0.16	0.4
	259435	0.24	0.15	-0.05	-0.09	0.15	0.3
Mean		0.52	0.29	-0.02	-0.02	0.00	0.3
SD		0.13	0.08	0.22	0.23	0.23	0.1

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A16 Item Statistics: MD Mod-HSA Government—May 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
1	258363	0.43	0.37	-0.27	-0.14	0.37	0.1
	258500	0.27	0.28	0.28	-0.11	-0.16	0.1
	258338	0.42	0.28	-0.13	0.28	-0.19	0.1
	258327	0.46	0.24	0.24	-0.07	-0.23	0.1
	258408	0.45	0.29	0.29	-0.24	-0.07	0.1
	258355	0.44	0.22	0.22	-0.15	-0.09	0.1
	258458	0.48	0.36	0.36	-0.17	-0.25	0.1
	258505	0.45	0.26	0.26	-0.12	-0.19	0.1
	258506	0.63	0.30	-0.15	-0.22	0.30	0.0
	258349	0.54	0.33	0.33	-0.27	-0.11	0.1
	258429	0.50	0.22	-0.11	-0.15	0.22	0.1
	258353	0.34	0.15	-0.04	0.15	-0.12	0.0
	258396	0.51	0.23	0.23	-0.11	-0.16	0.3
	258410	0.49	0.29	-0.16	-0.18	0.29	0.0
	258386	0.46	0.51	0.51	-0.30	-0.28	0.1
	258350	0.37	0.26	0.26	-0.13	-0.14	0.1
	258378	0.58	0.25	-0.10	-0.19	0.25	0.1
	258503	0.38	0.28	-0.17	-0.12	0.28	0.1
	258440	0.63	0.31	-0.17	0.31	-0.20	0.1
	258400	0.51	0.33	-0.28	-0.12	0.33	0.1
	258421	0.37	0.28	0.28	-0.16	-0.13	0.2
	258446	0.39	0.25	-0.22	0.25	-0.03	0.2
	258344	0.37	0.25	0.25	-0.11	-0.15	0.3
	258432	0.50	0.21	-0.12	-0.12	0.21	0.4
	258428	0.49	0.23	-0.10	-0.16	0.23	0.2
	258360	0.51	0.19	-0.12	0.19	-0.09	0.2
	258343	0.53	0.36	-0.16	0.36	-0.25	0.3
	258438	0.65	0.36	0.36	-0.22	-0.22	0.2
	258718	0.71	0.45	0.45	-0.30	-0.27	0.3
	258424	0.38	0.22	-0.04	0.22	-0.18	0.2
	258323	0.40	0.25	-0.12	0.25	-0.14	0.3
	258324	0.68	0.46	-0.27	-0.31	0.46	0.4
	258437	0.48	0.29	-0.12	-0.20	0.29	0.3
	258319	0.37	0.27	-0.20	0.27	-0.06	0.3
	258389	0.60	0.26	-0.14	0.26	-0.17	0.3
	258379	0.58	0.25	-0.06	-0.23	0.25	0.3
	258413	0.46	0.25	-0.11	0.25	-0.15	0.3
	258448	0.51	0.38	0.38	-0.27	-0.16	0.3
	258721	0.36	0.13	0.13	-0.06	-0.07	0.3
	258439	0.53	0.31	-0.20	0.31	-0.17	0.3

Table 2.A16 Item Statistics: MD Mod-HSA Government—May 2009

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
1	258368	0.45	0.23	0.23	-0.18	-0.06	0.3
	258320	0.36	0.25	-0.01	0.25	-0.23	0.3
	258436	0.62	0.43	0.43	-0.32	-0.18	0.3
	258384	0.60	0.36	-0.22	0.36	-0.22	0.3
	258486	0.50	0.24	-0.12	0.24	-0.14	0.4
	258411	0.36	0.23	-0.14	-0.09	0.23	0.3
	258313	0.65	0.33	-0.21	0.33	-0.19	0.3
	258716	0.52	0.33	0.33	-0.18	-0.20	0.3
	258335	0.56	0.38	-0.19	-0.25	0.38	0.3
	258377	0.64	0.37	0.37	-0.19	-0.25	0.3
Mean		0.49	0.29	0.03	-0.04	-0.04	0.2
SD		0.10	0.08	0.24	0.22	0.22	0.1

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A17 Item Statistics: MD Mod-HSA Algebra—Summer 2009 Primary 1

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
3	258190	0.36	0.14	-0.08	-0.06	0.14	0.5
	258164	0.44	0.23	-0.14	-0.12	0.23	0.0
	258224	0.33	0.22	-0.03	0.22	-0.18	0.0
	258107	0.30	0.09	0.01	-0.09	0.09	0.0
	258126	0.44	0.11	0.11	-0.10	-0.01	0.0
	258239	0.29	0.23	-0.04	0.23	-0.20	0.0
	258123	0.59	0.29	0.29	-0.22	-0.12	0.5
	258124	0.30	0.42	-0.25	-0.15	0.42	0.0
	258168	0.53	0.17	-0.02	0.17	-0.24	0.0
	258200	0.29	0.33	0.33	-0.09	-0.20	0.5
	258179	0.32	0.30	-0.19	-0.11	0.30	0.0
	258235	0.61	0.47	-0.31	0.47	-0.26	0.0
	258105	0.30	0.08	0.08	-0.15	0.07	0.5
	258236	0.46	0.34	-0.23	0.34	-0.17	0.0
	261559	0.35	0.27	0.27	-0.20	-0.10	0.0
	258211	0.55	0.36	-0.29	0.36	-0.14	0.0
	258209	0.63	0.25	-0.16	-0.17	0.25	0.0
	258182	0.63	0.38	-0.27	-0.21	0.38	0.0
	258238	0.25	0.26	-0.06	-0.18	0.26	0.0
	261561	0.47	0.27	0.27	-0.13	-0.18	0.0
	258132	0.39	0.30	-0.18	0.30	-0.15	0.0
	258158	0.45	0.37	-0.22	-0.19	0.37	0.0
	258145	0.52	0.30	-0.23	0.30	-0.12	0.5
	258117	0.54	0.23	-0.08	-0.19	0.23	0.0
	258229	0.66	0.32	-0.24	0.32	-0.14	0.5
	258197	0.56	0.22	-0.23	0.22	0.00	0.0
	258097	0.27	0.23	0.23	-0.13	-0.10	0.5
	258310	0.67	0.39	-0.25	-0.27	0.39	0.0
	258109	0.49	0.32	0.32	-0.10	-0.25	0.5
	258110	0.40	0.29	-0.12	0.29	-0.20	0.0
	258103	0.31	0.01	0.01	-0.21	0.21	0.0
	258108	0.46	0.22	-0.08	0.22	-0.16	0.5
	258196	0.61	0.28	-0.20	0.28	-0.14	0.0
	261564	0.53	0.38	0.38	-0.27	-0.18	0.0
	258153	0.39	0.26	0.26	-0.03	-0.23	0.5
	258181	0.70	0.41	-0.31	-0.23	0.41	0.0
	258240	0.63	0.44	-0.38	0.44	-0.14	0.0
	258157	0.16	0.05	0.05	-0.07	0.03	0.0
	258091	0.18	0.15	0.03	0.15	-0.15	0.0
	258118	0.46	0.24	0.24	-0.16	-0.11	0.0

Table 2.A17 Item Statistics: MD Mod-HSA Algebra—Summer 2009 Primary 1

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
	258225	0.60	0.34	-0.20	0.34	-0.22	0.5
3	261557	0.39	0.36	0.36	-0.22	-0.16	0.0
	258152	0.39	0.17	0.17	-0.14	-0.03	0.0
	258133	0.45	0.29	0.29	-0.20	-0.12	0.0
	258311	0.39	0.22	-0.16	0.22	-0.07	0.0
	258178	0.72	0.30	-0.17	-0.22	0.30	0.0
	258100	0.60	0.42	-0.22	0.42	-0.27	0.5
	258171	0.48	0.28	-0.12	0.28	-0.20	0.0
	258142	0.43	0.40	-0.22	-0.25	0.40	0.0
	258150	0.45	0.17	0.17	0.02	-0.22	0.0
Mean		0.45	0.27	-0.04	0.01	-0.01	0.1
SD		0.14	0.10	0.22	0.23	0.22	0.2

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A18 Item Statistics: MD Mod-HSA Algebra—Summer 2009 Primary 2

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
4	258090	0.65	0.46	-0.09	-0.46	0.46	0.0
	258095	0.76	0.48	0.48	-0.44	-0.17	0.0
	258166	0.68	0.41	-0.36	0.41	-0.15	0.0
	258312	0.53	0.48	0.48	-0.17	-0.44	0.0
	258173	0.61	0.22	0.04	0.22	-0.30	0.0
	258115	0.50	0.30	0.30	0.00	-0.36	0.0
	258223	0.26	0.34	-0.12	0.34	-0.21	0.0
	258230	0.44	0.31	0.31	-0.20	-0.12	1.6
	258147	0.53	0.52	0.52	-0.32	-0.29	3.2
	261560	0.55	0.47	-0.23	0.47	-0.20	3.2
	258227	0.69	0.46	0.46	-0.27	-0.34	0.0
	258308	0.47	0.28	0.28	-0.05	-0.26	0.0
	258101	0.53	0.33	-0.39	0.33	0.02	0.0
	258210	0.81	0.48	-0.38	0.48	-0.27	0.0
	258116	0.52	0.31	0.31	-0.20	-0.11	1.6
	258089	0.31	0.41	-0.07	0.41	-0.24	1.6
	261556	0.50	0.22	0.22	-0.42	0.25	1.6
	258309	0.87	0.37		-0.24	0.37	1.6
	258098	0.68	0.55	-0.23	-0.37	0.55	1.6
	258208	0.44	0.24	-0.05	-0.13	0.24	1.6
	258161	0.65	0.54	0.54	-0.32	-0.24	1.6
	258159	0.35	0.32	-0.01	-0.21	0.32	1.6
	258184	0.58	0.43	-0.08	0.43	-0.31	3.2
	258136	0.61	0.42	-0.27	0.42	-0.15	1.6
	258102	0.52	0.34	-0.09	0.34	-0.20	1.6
	258226	0.37	0.36	-0.07	-0.20	0.36	1.6
	258188	0.71	0.41	-0.29	0.41	-0.12	1.6
	258174	0.61	0.27	-0.20	-0.05	0.27	1.6
	258187	0.77	0.44	-0.27	-0.17	0.44	1.6
	258154	0.47	0.47	-0.25	-0.18	0.47	1.6
	258113	0.61	0.46	-0.24	0.46	-0.21	1.6
	258198	0.35	0.34	-0.01	-0.23	0.34	1.6
	258167	0.71	0.43	-0.17	0.43	-0.28	1.6
	258169	0.52	0.26	-0.18	-0.01	0.26	1.6
	258119	0.58	0.38	0.38	-0.05	-0.32	1.6
	258160	0.63	0.30	0.30	-0.12	-0.14	1.6
	258241	0.60	0.39	-0.19	0.39	-0.18	1.6
	258130	0.55	0.39	0.39	-0.19	-0.16	1.6
	258131	0.21	-0.11	-0.11	0.20	-0.02	1.6
	258128	0.55	0.44	-0.07	0.44	-0.33	1.6

Table 2.A18 Item Statistics: MD Mod-HSA Algebra—Summer 2009 Primary 2

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
4	258509	0.45	0.27	0.27	-0.24	0.04	1.6
	258231	0.63	0.47	-0.22	-0.24	0.47	1.6
	258111	0.66	0.38	-0.24	0.38	-0.12	1.6
	258096	0.15	-0.02	-0.02	0.23	-0.14	1.6
	258125	0.45	0.33	-0.35	0.33	-0.02	1.6
	258144	0.45	0.02	0.02	-0.02	0.14	1.6
	261558	0.47	0.42	-0.05	0.42	-0.32	1.6
	261562	0.45	0.17	0.17	-0.01	-0.07	1.6
	258220	0.27	0.40	0.00	-0.26	0.40	1.6
	258135	0.50	0.23	0.04	0.23	-0.20	1.6
Mean		0.54	0.35	0.01	0.04	-0.03	1.4
SD		0.15	0.13	0.27	0.31	0.28	0.8

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A19 Item Statistics: Biology—Summer 2009 Primary 1

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
3	258627	0.70	0.30	-0.25	0.30	-0.12	0.0
	258733	0.54	0.18	0.18	-0.08	-0.17	0.0
	258684	0.43	0.24	0.04	-0.31	0.24	0.0
	258644	0.32	0.27	0.27	-0.21	-0.06	0.0
	258634	0.44	0.28	-0.32	0.28	-0.01	0.0
	261644	0.78	0.21	0.21	-0.13	-0.16	0.0
	261645	0.29	0.24	-0.03	-0.20	0.24	0.0
	258619	0.29	0.20	0.20	-0.09	-0.10	0.0
	258700	0.61	0.44	-0.34	-0.22	0.44	0.0
	258618	0.32	0.13	-0.11	-0.02	0.13	0.0
	261627	0.62	0.21	-0.16	0.21	-0.09	0.0
	258639	0.40	0.36	0.36	-0.18	-0.21	0.0
	258732	0.49	0.26	0.26	-0.25	-0.04	0.0
	258727	0.55	0.32	-0.26	0.32	-0.13	0.6
	258622	0.55	0.32	0.32	-0.28	-0.08	0.6
	258695	0.42	0.29	-0.10	0.29	-0.21	0.6
	258631	0.78	0.40	0.40	-0.34	-0.19	0.6
	258699	0.30	0.01	-0.11	0.01	0.11	0.6
	261607	0.58	0.11	-0.04	0.11	-0.08	0.6
	261624	0.42	0.40	-0.16	-0.27	0.40	0.6
	258612	0.67	0.31	-0.10	0.31	-0.28	0.6
	261610	0.46	0.36	-0.20	-0.19	0.36	0.6
	258714	0.22	0.24	0.24	-0.19	0.01	0.6
	258725	0.63	0.27	-0.22	0.27	-0.12	0.6
	258664	0.63	0.35	-0.20	0.35	-0.23	0.6
	258638	0.32	0.15	-0.05	-0.09	0.15	0.6
	258650	0.51	0.41	-0.16	-0.29	0.41	0.6
	261614	0.63	0.36	0.36	-0.29	-0.16	1.2
	261622	0.81	0.42	-0.17	0.42	-0.38	0.6
	258705	0.30	0.27	-0.11	-0.15	0.27	1.2
	258678	0.62	0.34	-0.18	0.34	-0.21	0.6
	261642	0.37	0.29	0.29	-0.26	-0.03	1.2
	258654	0.64	0.33	-0.26	-0.12	0.33	0.6
	258670	0.33	0.04	0.00	-0.01	0.04	0.6
	258660	0.48	0.33	-0.08	-0.26	0.33	0.6
	258637	0.42	0.25	-0.11	0.25	-0.17	1.2
	258640	0.58	0.29	-0.15	0.29	-0.23	1.2
	258674	0.46	0.14	0.10	-0.24	0.14	0.6
	258697	0.39	0.25	0.25	-0.17	-0.07	0.5
	258616	0.21	0.02	-0.03	0.02	0.04	0.9

Table 2.A19 Item Statistics: Biology—Summer 2009 Primary 1

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
3	258630	0.28	0.33	-0.16	-0.13	0.33	0.6
	261617	0.36	0.19	0.19	0.04	-0.27	0.6
	258726	0.40	0.23	0.23	-0.10	-0.13	0.6
	258730	0.58	0.20	0.20	-0.14	-0.08	0.6
	258657	0.24	0.12	0.08	-0.14	0.12	0.6
	258651	0.44	0.49	0.49	-0.20	-0.31	0.6
	258712	0.43	0.40	-0.32	-0.13	0.40	0.6
	258731	0.29	0.16	0.01	-0.13	0.16	0.6
	261608	0.51	0.33	-0.09	-0.28	0.33	0.6
	258693	0.32	0.32	0.32	-0.23	-0.06	0.6
Mean		0.47	0.27	0.01	-0.05	0.01	0.5
SD		0.15	0.11	0.22	0.22	0.22	0.3

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A20 Item Statistics: MD Mod-HSA Biology—Summer 2009 Primary 2

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
4	258636	*	*	*	*	*	*
	258653	*	*	*	*	*	*
	258690	*	*	*	*	*	*
	258702	*	*	*	*	*	*
	258662	*	*	*	*	*	*
	258659	*	*	*	*	*	*
	258673	*	*	*	*	*	*
	258701	*	*	*	*	*	*
	258628	*	*	*	*	*	*
	258685	*	*	*	*	*	*
	261611	*	*	*	*	*	*
	258615	*	*	*	*	*	*
	258683	*	*	*	*	*	*
	258641	*	*	*	*	*	*
	258676	*	*	*	*	*	*
	258607	*	*	*	*	*	*
	258645	*	*	*	*	*	*
	258666	*	*	*	*	*	*
	258675	*	*	*	*	*	*
	261609	*	*	*	*	*	*
	258665	*	*	*	*	*	*
	258682	*	*	*	*	*	*
	258648	*	*	*	*	*	*
	258614	*	*	*	*	*	*
	258680	*	*	*	*	*	*
	258681	*	*	*	*	*	*
	258642	*	*	*	*	*	*
	261623	*	*	*	*	*	*
	258649	*	*	*	*	*	*
	258687	*	*	*	*	*	*
	258646	*	*	*	*	*	*
	261626	*	*	*	*	*	*
	258707	*	*	*	*	*	*
	258643	*	*	*	*	*	*
	258698	*	*	*	*	*	*
	258728	*	*	*	*	*	*
	258734	*	*	*	*	*	*
	258735	*	*	*	*	*	*
	258704	*	*	*	*	*	*
	258624	*	*	*	*	*	*

Table 2.A20 Item Statistics: MD Mod-HSA Biology—Summer 2009 Primary 2

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
4	258617	*	*	*	*	*	*
	258688	*	*	*	*	*	*
	258669	*	*	*	*	*	*
	261621	*	*	*	*	*	*
	261619	*	*	*	*	*	*
	258692	*	*	*	*	*	*
	258635	*	*	*	*	*	*
	261616	*	*	*	*	*	*
Mean		*	*	*	*	*	*
SD		*	*	*	*	*	*

* Statistics not reported for sample size less than 50 (N < 50).

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A21 Item Statistics: MD Mod-HSA English—Summer 2009 Primary 1

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
3	259343	0.56	0.36	-0.29	-0.14	0.36	0.0
	259415	0.59	0.15	0.15	-0.14	-0.05	0.0
	259417	0.53	0.18	0.18	-0.16	-0.04	0.0
	259416	0.75	0.36	-0.13	0.36	-0.31	0.5
	259323	0.43	0.30	0.30	-0.22	-0.11	0.0
	259453	0.54	0.22	-0.09	-0.23	0.22	0.0
	259382	0.60	0.26	-0.26	0.26	-0.05	0.0
	259452	0.45	0.14	-0.19	0.14	-0.02	0.0
	259465	0.37	0.19	0.19	-0.15	-0.07	0.0
	259351	0.39	0.27	-0.21	0.27	-0.11	0.0
	259430	0.77	0.26	-0.20	0.26	-0.15	0.0
	259431	0.67	0.36	0.36	-0.22	-0.23	0.0
	259318	0.62	0.45	0.45	-0.23	-0.30	1.0
	259319	0.36	0.06	0.03	-0.12	0.06	0.0
	259320	0.69	0.33	-0.22	0.33	-0.22	0.0
	259419	0.65	0.32	-0.24	0.32	-0.16	0.0
	259421	0.59	0.36	0.36	-0.22	-0.21	0.0
	259463	0.36	0.05	0.05	-0.05	-0.01	0.0
	259345	0.47	0.31	-0.14	-0.21	0.31	0.0
	259325	0.53	0.29	-0.22	0.29	-0.11	0.0
	259385	0.50	0.27	-0.14	-0.17	0.27	0.0
	259390	0.64	0.35	-0.11	-0.32	0.35	0.0
	259383	0.51	0.29	-0.21	0.29	-0.12	0.0
	259386	0.42	0.35	-0.23	-0.15	0.35	0.0
	259388	0.51	0.25	0.25	-0.17	-0.12	0.0
	259389	0.35	0.30	-0.14	0.30	-0.18	0.0
	259438	0.43	0.18	-0.19	0.18	-0.04	0.0
	259439	0.55	0.28	-0.12	0.28	-0.20	0.5
	259437	0.53	0.23	0.23	-0.06	-0.22	0.0
	259332	0.63	0.25	-0.25	0.25	-0.04	0.0
	259403	0.38	0.15	0.11	-0.28	0.15	0.5
	259401	0.48	0.16	0.16	-0.10	-0.06	0.5
	259402	0.38	0.21	-0.21	0.02	0.21	0.5
	259399	0.71	0.34	-0.13	-0.29	0.34	0.5
	259400	0.55	0.28	-0.12	-0.25	0.28	0.5
	259404	0.56	0.13	0.13	-0.09	-0.05	0.5
	259461	0.66	0.24	-0.11	-0.18	0.24	0.5
	259446	0.55	0.36	-0.26	-0.15	0.36	0.5
	259447	0.54	0.27	-0.15	0.27	-0.19	0.5
	259448	0.57	0.43	-0.15	-0.35	0.43	0.5

Table 2.A21 Item Statistics: MD Mod-HSA English—Summer 2009 Primary 1

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
3	259358	0.50	0.28	-0.18	-0.13	0.28	0.5
	259434	0.39	0.10	-0.01	0.10	-0.12	0.5
	259391	0.47	0.31	-0.06	0.31	-0.27	0.5
	259454	0.33	0.29	0.29	-0.19	-0.08	0.5
	259455	0.51	0.39	-0.27	-0.16	0.39	0.5
	259392	0.41	0.29	-0.16	-0.14	0.29	0.5
	259394	0.65	0.36	0.36	-0.17	-0.30	0.5
	259393	0.51	0.44	0.44	-0.23	-0.27	0.5
	259444	0.61	0.27	-0.09	0.27	-0.23	0.5
	259356	0.52	0.31	-0.26	-0.13	0.31	0.5
Mean		0.53	0.27	-0.03	-0.03	0.01	0.2
SD		0.11	0.09	0.22	0.22	0.23	0.3

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A22 Item Statistics: MD Mod-HSA English—Summer 2009 Primary 2

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
4	259429	*	*	*	*	*	*
	259426	*	*	*	*	*	*
	259349	*	*	*	*	*	*
	259427	*	*	*	*	*	*
	259312	*	*	*	*	*	*
	259368	*	*	*	*	*	*
	259371	*	*	*	*	*	*
	259367	*	*	*	*	*	*
	259370	*	*	*	*	*	*
	259432	*	*	*	*	*	*
	259433	*	*	*	*	*	*
	259354	*	*	*	*	*	*
	259407	*	*	*	*	*	*
	259335	*	*	*	*	*	*
	259410	*	*	*	*	*	*
	259413	*	*	*	*	*	*
	259411	*	*	*	*	*	*
	259414	*	*	*	*	*	*
	259338	*	*	*	*	*	*
	259339	*	*	*	*	*	*
	259340	*	*	*	*	*	*
	259362	*	*	*	*	*	*
	259436	*	*	*	*	*	*
	259347	*	*	*	*	*	*
	259424	*	*	*	*	*	*
	259423	*	*	*	*	*	*
	259425	*	*	*	*	*	*
	259422	*	*	*	*	*	*
	259445	*	*	*	*	*	*
	259374	*	*	*	*	*	*
	259450	*	*	*	*	*	*
	259376	*	*	*	*	*	*
	259310	*	*	*	*	*	*
	259365	*	*	*	*	*	*
	259449	*	*	*	*	*	*
	259441	*	*	*	*	*	*
	259443	*	*	*	*	*	*
	259457	*	*	*	*	*	*
	259330	*	*	*	*	*	*
	259458	*	*	*	*	*	*

Table 2.A22 Item Statistics: MD Mod-HSA English—Summer 2009 Primary 2

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
4	259466	*	*	*	*	*	*
	259395	*	*	*	*	*	*
	259459	*	*	*	*	*	*
	259396	*	*	*	*	*	*
	259460	*	*	*	*	*	*
	259398	*	*	*	*	*	*
	259397	*	*	*	*	*	*
	259360	*	*	*	*	*	*
	259435	*	*	*	*	*	*
Mean		*	*	*	*	*	*
SD		*	*	*	*	*	*

* Statistics not reported for sample size less than 50 (N < 50).

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A23 Item Statistics: MD Mod-HSA Government—Summer 2009 Primary 1

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
3	258401	0.54	0.39	-0.23	-0.23	0.39	0.0
	258459	0.73	0.29	-0.27	0.29	-0.11	0.0
	258402	0.39	0.24	-0.13	-0.21	0.24	0.0
	258406	0.66	0.35	-0.11	0.35	-0.31	0.0
	258347	0.49	0.23	0.23	-0.28	-0.04	0.0
	258328	0.57	0.30	0.30	-0.19	-0.17	0.0
	258422	0.49	0.13	-0.15	-0.02	0.13	0.0
	258357	0.29	0.23	-0.08	0.23	-0.16	0.0
	258452	0.40	0.30	0.30	-0.14	-0.21	0.0
	258330	0.48	0.23	0.23	-0.12	-0.14	0.0
	258454	0.45	0.17	-0.11	-0.09	0.17	0.0
	258364	0.61	0.30	-0.23	0.30	-0.18	0.0
	258361	0.57	0.18	0.18	-0.14	-0.07	0.0
	258336	0.38	0.01	-0.02	0.00	0.01	0.0
	258376	0.40	0.19	0.19	-0.19	-0.01	0.0
	258419	0.19	-0.02	-0.01	-0.02	0.03	0.0
	258425	0.49	0.16	-0.03	0.16	-0.17	0.0
	258715	0.74	0.23	-0.14	0.23	-0.17	0.5
	258473	0.44	0.24	-0.12	-0.13	0.24	0.5
	258478	0.24	0.13	0.19	0.13	-0.29	0.5
	258501	0.48	0.19	-0.12	-0.08	0.19	0.5
	258450	0.46	0.31	0.31	-0.07	-0.27	0.5
	258498	0.40	0.37	0.37	-0.19	-0.19	0.5
	258388	0.29	-0.03	0.13	-0.03	-0.07	0.5
	258351	0.40	0.33	0.33	-0.28	-0.04	0.5
	258488	0.71	0.32	0.32	-0.30	-0.09	0.0
	258479	0.48	0.28	-0.19	0.28	-0.17	0.0
	258375	0.49	0.42	0.42	-0.26	-0.22	0.0
	258414	0.43	0.19	-0.09	0.19	-0.11	0.0
	258495	0.21	0.10	0.10	-0.02	-0.06	0.0
	258321	0.51	0.17	0.17	-0.05	-0.15	0.0
	258426	0.27	0.29	0.29	-0.13	-0.14	0.0
	258722	0.44	0.21	-0.07	0.21	-0.16	0.0
	258407	0.29	0.06	0.06	0.02	-0.08	0.5
	258412	0.57	0.43	0.43	-0.27	-0.25	0.0
	258369	0.45	0.31	-0.24	-0.10	0.31	0.0
	258483	0.51	0.35	0.35	-0.23	-0.19	0.0
	258719	0.63	0.37	0.37	-0.30	-0.15	0.0
	258345	0.20	-0.04	0.05	-0.04	-0.03	0.0
	258390	0.59	0.26	-0.17	0.26	-0.16	0.0

Table 2.A23 Item Statistics: MD Mod-HSA Government—Summer 2009 Primary 1

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
3	258329	0.33	0.21	0.21	-0.12	-0.09	0.0
	258409	0.57	0.25	-0.17	0.25	-0.13	0.0
	258434	0.35	0.04	-0.03	0.01	0.04	0.5
	258391	0.59	0.13	0.13	-0.10	-0.03	0.5
	258316	0.42	0.15	-0.07	0.15	-0.08	0.5
	258404	0.45	0.35	0.35	-0.21	-0.14	1.1
	258468	0.50	0.28	0.28	-0.23	-0.07	0.5
	258491	0.34	0.21	-0.06	0.21	-0.13	1.1
	258341	0.56	0.31	0.31	-0.19	-0.17	0.5
	258502	0.27	0.16	0.16	-0.14	0.01	0.5
Mean		0.45	0.22	0.08	-0.04	-0.07	0.2
SD		0.14	0.11	0.21	0.19	0.15	0.3

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.

Table 2.A24 Item Statistics: MD Mod-HSA Government—Summer 2009 Primary 2

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
4	258363	*	*	*	*	*	*
	258500	*	*	*	*	*	*
	258338	*	*	*	*	*	*
	258327	*	*	*	*	*	*
	258408	*	*	*	*	*	*
	258355	*	*	*	*	*	*
	258458	*	*	*	*	*	*
	258505	*	*	*	*	*	*
	258506	*	*	*	*	*	*
	258349	*	*	*	*	*	*
	258429	*	*	*	*	*	*
	258353	*	*	*	*	*	*
	258396	*	*	*	*	*	*
	258410	*	*	*	*	*	*
	258386	*	*	*	*	*	*
	258350	*	*	*	*	*	*
	258378	*	*	*	*	*	*
	258503	*	*	*	*	*	*
	258440	*	*	*	*	*	*
	258400	*	*	*	*	*	*
	258421	*	*	*	*	*	*
	258446	*	*	*	*	*	*
	258344	*	*	*	*	*	*
	258432	*	*	*	*	*	*
	258428	*	*	*	*	*	*
	258360	*	*	*	*	*	*
	258343	*	*	*	*	*	*
	258438	*	*	*	*	*	*
	258718	*	*	*	*	*	*
	258424	*	*	*	*	*	*
	258323	*	*	*	*	*	*
	258324	*	*	*	*	*	*
	258437	*	*	*	*	*	*
	258319	*	*	*	*	*	*
	258389	*	*	*	*	*	*
	258379	*	*	*	*	*	*
	258413	*	*	*	*	*	*
	258448	*	*	*	*	*	*
	258721	*	*	*	*	*	*
	258439	*	*	*	*	*	*

Table 2.A24 Item Statistics: MD Mod-HSA Government—Summer 2009 Primary 2

Form	ItemID	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	%Omits
4	258368	*	*	*	*	*	*
	258320	*	*	*	*	*	*
	258436	*	*	*	*	*	*
	258384	*	*	*	*	*	*
	258486	*	*	*	*	*	*
	258411	*	*	*	*	*	*
	258313	*	*	*	*	*	*
	258716	*	*	*	*	*	*
	258335	*	*	*	*	*	*
	258377	*	*	*	*	*	*
Mean		*	*	*	*	*	*
SD		*	*	*	*	*	*

* Statistics not reported for sample size less than 50 (N < 50).

Note: P_Val = P-Value, R_ITT = item-total correlation, P_BIS1 to P_BIS3 = option-total correlation, %Omits = percent of omitted responses.