

APPENDIX G—DIFFERENTIAL ITEM FUNCTIONING RESULTS

Table G-1. 2011-12 MEPA: Number of Items Classified as “Low” or “High” DIF Overall and by Group Favored—Spring 2012

Grade Span	Reference Group	Focal Group	Item Type	Number of Items	Number “Low”			Number “High”		
					Total	Favoring Reference	Favoring Focal	Total	Favoring Reference	Favoring Focal
K-2	Male	Female	MC	38	0	0	0	0	0	0
			OR	22	0	0	0	0	0	0
	White	Black	MC	38	2	2	0	0	0	0
			OR	22	0	0	0	0	0	0
		Hispanic or Latino	MC	38	0	0	0	0	0	0
			OR	22	0	0	0	0	0	0
	Asian	MC	38	8	0	8	1	0	1	
		OR	22	9	4	5	1	0	1	
	Not Low-income	Low-income	MC	38	1	1	0	0	0	0
			OR	22	0	0	0	0	0	0
	No Disability	Disability	MC	38	1	1	0	0	0	0
			OR	22	0	0	0	0	0	0
3-4	Male	Female	MC	33	1	1	0	0	0	0
			OR	25	1	0	1	0	0	0
	White	Black	MC	33	2	2	0	2	2	0
			OR	25	0	0	0	0	0	0
		Hispanic or Latino	MC	33	5	5	0	0	0	0
			OR	25	0	0	0	0	0	0
	Asian	MC	33	2	0	2	1	0	1	
		OR	25	4	0	4	0	0	0	
	Not Low-income	Low-income	MC	33	2	2	0	0	0	0
			OR	25	0	0	0	0	0	0
	No Disability	Disability	MC	33	12	12	0	0	0	0
			OR	25	7	7	0	0	0	0
5-6	Male	Female	MC	33	3	2	1	0	0	0
			OR	25	2	0	2	0	0	0
	White	Black	MC	33	5	5	0	1	1	0
			OR	25	0	0	0	0	0	0
		Hispanic or Latino	MC	33	8	6	2	1	1	0
			OR	25	2	2	0	0	0	0
	Asian	MC	33	7	3	4	1	0	1	
		OR	25	3	0	3	0	0	0	

continued

Grade Span	Reference Group	Focal Group	Item Type	Number of Items	Number "Low"			Number "High"		
					Total	Favoring Reference	Favoring Focal	Total	Favoring Reference	Favoring Focal
5-6	Not Low-income	Low-income	MC	33	2	2	0	0	0	0
			OR	25	1	1	0	0	0	0
	No Disability	Disability	MC	33	12	11	1	1	1	0
			OR	25	8	8	0	1	1	0
7-8	Male	Female	MC	33	4	1	3	1	1	0
			OR	25	3	0	3	0	0	0
	White	Black	MC	24	4	4	0	0	0	0
			OR	15	0	0	0	0	0	0
		Hispanic or Latino	MC	24	4	4	0	0	0	0
			OR	15	2	2	0	0	0	0
	Asian	MC	24	6	0	6	1	0	1	
		OR	15	3	0	3	1	0	1	
	Not Low-income	Low-income	MC	33	5	5	0	0	0	0
			OR	25	1	1	0	0	0	0
	No Disability	Disability	MC	33	17	15	2	4	4	0
			OR	25	10	7	3	1	1	0
9-12	Male	Female	MC	33	3	2	1	0	0	0
			OR	25	2	0	2	0	0	0
	White	Black	MC	33	10	8	2	1	1	0
			OR	25	2	1	1	0	0	0
		Hispanic or Latino	MC	33	11	10	1	2	2	0
			OR	25	4	4	0	0	0	0
	Asian	MC	33	8	3	5	2	2	0	
		OR	25	8	2	6	1	0	1	
	Not Low-income	Low-income	MC	33	0	0	0	0	0	0
			OR	25	0	0	0	0	0	0
	No Disability	Disability	MC	33	15	13	2	11	10	1
			OR	25	9	4	5	7	7	0

Table G-2. 2011-12 MEPA: Number of Items Classified as “Low” or “High” DIF Overall and by Group Favored—Spring & Fall 2011

Grade Span	Reference Group	Focal Group	Item Type	Number of Items	Number “Low”			Number “High”		
					Total	Favoring Reference	Favoring Focal	Total	Favoring Reference	Favoring Focal
K-2	Male	Female	MC	32	0	0	0	0	0	0
			OR	28	0	0	0	0	0	0
	White	Black	MC	32	1	1	0	0	0	0
			OR	28	3	1	2	0	0	0
		Hispanic or Latino	MC	32	0	0	0	0	0	0
			OR	28	3	2	1	0	0	0
	Asian	MC	32	4	0	4	0	0	0	
		OR	28	8	2	6	2	0	2	
	Not Low-income	Low-income	MC	32	1	1	0	0	0	0
			OR	28	2	2	0	0	0	0
	No Disability	Disability	MC	32	0	0	0	0	0	0
			OR	28	4	4	0	0	0	0
3-4	Male	Female	MC	33	1	0	1	0	0	0
			OR	27	2	0	2	0	0	0
	White	Black	MC	33	0	0	0	0	0	0
			OR	27	2	0	2	0	0	0
		Hispanic or Latino	MC	33	4	4	0	0	0	0
			OR	27	0	0	0	0	0	0
	Asian	MC	33	5	1	4	0	0	0	
		OR	27	4	0	4	1	0	1	
	Not Low-income	Low-income	MC	33	4	4	0	0	0	0
			OR	27	0	0	0	0	0	0
	No Disability	Disability	MC	33	18	18	0	3	3	0
			OR	27	4	4	0	0	0	0
5-6	Male	Female	MC	33	1	0	1	0	0	0
			OR	27	2	0	2	0	0	0
	White	Black	MC	33	5	5	0	0	0	0
			OR	27	0	0	0	0	0	0
		Hispanic or Latino	MC	33	9	9	0	0	0	0
			OR	27	1	1	0	0	0	0
	Asian	MC	33	5	1	4	3	2	1	
		OR	27	4	1	3	0	0	0	

continued

Grade Span	Reference Group	Focal Group	Item Type	Number of Items	Number "Low"			Number "High"		
					Total	Favoring Reference	Favoring Focal	Total	Favoring Reference	Favoring Focal
5-6	Not Low-income	Low-income	MC	33	12	12	0	0	0	0
			OR	27	0	0	0	0	0	0
	No Disability	Disability	MC	33	17	17	0	4	4	0
			OR	27	8	7	1	1	1	0
7-8	Male	Female	MC	33	4	2	2	1	1	0
			OR	27	4	0	4	0	0	0
	White	Black	MC	24	4	3	1	1	1	0
			OR	15	0	0	0	0	0	0
		Hispanic or Latino	MC	24	9	9	0	1	1	0
			OR	15	2	2	0	0	0	0
	Asian	MC	24	9	0	9	1	0	1	
		OR	15	3	0	3	0	0	0	
	Not Low-income	Low-income	MC	33	11	10	1	1	1	0
			OR	27	2	1	1	0	0	0
	No Disability	Disability	MC	33	14	13	1	8	8	0
			OR	27	10	9	1	3	3	0
9-12	Male	Female	MC	33	2	1	1	1	1	0
			OR	27	5	1	4	0	0	0
	White	Black	MC	33	7	5	2	6	6	0
			OR	27	5	3	2	0	0	0
		Hispanic or Latino	MC	33	11	9	2	7	6	1
			OR	27	5	5	0	1	1	0
	Asian	MC	33	7	3	4	3	1	2	
		OR	27	9	1	8	1	0	1	
	Not Low-income	Low-income	MC	33	4	4	0	0	0	0
			OR	27	1	1	0	0	0	0
	No Disability	Disability	MC	33	15	11	4	10	10	0
			OR	27	13	8	5	6	5	1