

Appendix G—DIFFERENTIAL ITEM FUNCTIONING RESULTS

**Table G-1. 2010 MEPA: Number of Items Classified as “Low” or “High” DIF
Overall and by Group Favored**

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	34	0	0	0	0	0	0
	Male	Female	OR	28	1	0	1	0	0	0
	White	Black	MC	34	2	0	2	0	0	0
	White	Black	OR	28	3	3	0	0	0	0
	White	Hispanic or Latino	MC	34	0	0	0	0	0	0
	White	Hispanic or Latino	OR	28	3	3	0	0	0	0
	White	Asian	MC	34	7	0	7	0	0	0
	White	Asian	OR	28	12	4	8	0	0	0
	Not Low-income	Low-income	MC	34	0	0	0	0	0	0
	Not Low-income	Low-income	OR	28	0	0	0	0	0	0
	No Disability	Disability	MC	34	0	0	0	0	0	0
	No Disability	Disability	OR	28	1	1	0	0	0	0
3-4	Male	Female	MC	35	1	0	1	0	0	0
	Male	Female	OR	27	0	0	0	0	0	0
	White	Black	MC	35	0	0	0	1	1	0
	White	Black	OR	27	2	2	0	0	0	0
	White	Hispanic or Latino	MC	35	3	3	0	0	0	0
	White	Hispanic or Latino	OR	27	1	1	0	0	0	0
	White	Asian	MC	35	8	0	8	1	0	1
	White	Asian	OR	27	2	2	0	0	0	0
	Not Low-income	Low-income	MC	35	7	7	0	1	1	0
	Not Low-income	Low-income	OR	27	4	4	0	0	0	0
	No Disability	Disability	MC	35	13	13	0	1	1	0
	No Disability	Disability	OR	27	10	10	0	0	0	0
5-6	Male	Female	MC	35	4	3	1	1	1	0
	Male	Female	OR	27	2	0	2	0	0	0
	White	Black	MC	35	4	3	1	0	0	0
	White	Black	OR	27	1	1	0	0	0	0
	White	Hispanic or Latino	MC	35	5	4	1	0	0	0
	White	Hispanic or Latino	OR	27	3	3	0	0	0	0
	White	Asian	MC	35	6	2	4	3	0	3
	White	Asian	OR	27	9	6	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	35	10	10	0	0	0	0
	Not Low-income	Low-income	OR	27	0	0	0	0	0	0
	No Disability	Disability	MC	35	19	19	0	3	3	0
	No Disability	Disability	OR	27	5	4	1	1	1	0
7-8	Male	Female	MC	35	2	1	1	1	1	0
	Male	Female	OR	27	4	0	4	0	0	0
	White	Black	MC	26	7	7	0	2	2	0
	White	Black	OR	15	2	2	0	0	0	0
	White	Hispanic or Latino	MC	26	11	11	0	3	3	0
	White	Hispanic or Latino	OR	15	2	2	0	0	0	0
	White	Asian	MC	26	6	0	6	0	0	0
	White	Asian	OR	15	3	0	3	0	0	0
	Not Low-income	Low-income	MC	35	8	8	0	0	0	0
	Not Low-income	Low-income	OR	27	1	1	0	0	0	0
	No Disability	Disability	MC	35	13	13	0	10	10	0
	No Disability	Disability	OR	27	12	9	3	0	0	0
9-12	Male	Female	MC	35	2	2	0	0	0	0
	Male	Female	OR	27	1	0	1	0	0	0
	White	Black	MC	35	4	4	0	6	6	0
	White	Black	OR	27	2	2	0	0	0	0
	White	Hispanic or Latino	MC	35	10	9	1	6	6	0
	White	Hispanic or Latino	OR	27	3	3	0	2	2	0
	White	Asian	MC	35	9	5	4	0	0	0
	White	Asian	OR	27	7	0	7	2	1	1
	Not Low-income	Low-income	MC	35	1	1	0	0	0	0
	Not Low-income	Low-income	OR	27	0	0	0	0	0	0
	No Disability	Disability	MC	35	12	11	1	9	9	0
	No Disability	Disability	OR	27	10	6	4	4	4	0