APPENDIX 8-C. DIFFERENTIAL ITEM FUNCTIONING RESULTS

Table 8C-1. 2014–15 NCSC: Number of Items Classified as "Low" or "High" DIF, Overall and by Group Favored—Mathematics

Grade	*Group*		*Item Type*	*Number of Items*	*Number "Low"*			*Number "High"*		
	Reference	*Focal*			*Total*	*Favoring*		*Total*	*Favoring*	
						Reference	*Focal*		*Reference*	*Focal*
3	Male	Female	MC	73	8	4	4	0	0	0
			OR	7	3	0	3	0	0	0
	Non-EconDis	EconDis	MC	73	13	5	8	0	0	0
			OR	7	1	0	1	0	0	0
	Non-LEP	LEP	MC	19	1	0	1	0	0	0
			OR	1	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	19	4	1	3	0	0	0
			OR	1	1	0	1	0	0	0
		Black or African American	MC	73	11	4	7	1	1	0
			OR	7	0	0	0	1	1	0
		Hispanic or Latino	MC	73	10	6	4	0	0	0
			OR	7	1	1	0	0	0	0
4	Male	Female	MC	65	10	7	3	1	1	0
			OR	13	2	0	2	0	0	0
	Non-EconDis	EconDis	MC	65	10	6	4	1	0	1
			OR	13	4	0	4	1	0	1
	Non-LEP	LEP	MC	16	1	1	0	0	0	0
			OR	2	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	16	2	1	1	0	0	0
			OR	2	0	0	0	0	0	0
		Black or African American	MC	65	9	5	4	0	0	0
			OR	13	5	4	1	0	0	0
		Hispanic or Latino	MC	65	10	5	5	0	0	0
			OR	13	1	0	1	0	0	0
5	Male	Female	MC	77	8	4	4	0	0	0
			OR	3	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	77	8	4	4	1	1	0
			OR	3	0	0	0	0	0	0
	Non-LEP	LEP	MC	18	3	1	2	0	0	0

continued

Grade	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
5	Non-LEP	LEP	OR	1	1	0	1	0	0	0
	White	American Indian or Alaska Native	MC	18	3	2	1	0	0	0
			OR	1	0	0	0	0	0	0
		Black or African American	MC	77	10	5	5	1	0	1
			OR	3	1	1	0	0	0	0
		Hispanic or Latino	MC	77	6	5	1	0	0	0
			OR	3	0	0	0	0	0	0
6	Male	Female	MC	79	9	6	3	0	0	0
	Non-EconDis	EconDis	MC	79	16	6	10	1	0	1
	Non-LEP	LEP	MC	20	3	2	1	0	0	0
	White	American Indian or Alaska Native	MC	20	2	0	2	1	1	0
		Black or African American	MC	79	19	14	5	1	0	1
		Hispanic or Latino	MC	79	14	10	4	0	0	0
7	Male	Female	MC	80	4	2	2	0	0	0
	Non-EconDis	EconDis	MC	80	7	3	4	1	1	0
	Non-LEP	LEP	MC	19	1	1	0	0	0	0
	White	American Indian or Alaska Native	MC	19	4	1	3	1	1	0
		Black or African American	MC	80	11	6	5	1	0	1
		Hispanic or Latino	MC	80	7	4	3	0	0	0
8	Male	Female	MC	76	6	4	2	0	0	0
			OR	3	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	76	12	6	6	0	0	0
			OR	3	0	0	0	0	0	0
	Non-LEP	LEP	MC	19	4	2	2	0	0	0
			OR	1	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	19	4	2	2	0	0	0
			OR	1	0	0	0	0	0	0
		Black or African American	MC	76	10	7	3	0	0	0
			OR	3	0	0	0	0	0	0

continued

Grade	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
8	White	Hispanic or Latino	MC	76	6	3	3	0	0	0
			OR	3	0	0	0	0	0	0
11	Male	Female	MC	75	7	3	4	0	0	0
			OR	5	1	1	0	0	0	0
	Non-EconDis	EconDis	MC	75	14	8	6	1	0	1
			OR	5	1	0	1	1	1	0
	Non-LEP	LEP	MC	18	7	1	6	0	0	0
			OR	1	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	18	4	2	2	1	0	1
			OR	1	0	0	0	0	0	0
		Black or African American	MC	75	16	11	5	1	1	0
			OR	5	1	0	1	1	1	0
		Hispanic or Latino	MC	75	12	5	7	2	1	1
			OR	5	2	1	1	1	1	0

Table 8C-2. 2014–15 NCSC: Number of Items Classified as "Low" or "High" DIF, Overall and by Group Favored—ELA

Grade	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
3	Male	Female	MC	58	4	1	3	0	0	0
			OR	20	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	58	6	1	5	0	0	0
			OR	20	10	10	0	4	4	0
	Non-LEP	LEP	MC	27	4	1	3	0	0	0
			OR	5	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	27	6	3	3	1	1	0
			OR	5	0	0	0	0	0	0
		Black or African American	MC	58	4	2	2	1	1	0
			OR	20	5	2	3	0	0	0

continued

Grade	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
3	White	Hispanic or Latino	MC	58	9	6	3	1	0	1
			OR	20	2	2	0	0	0	0
4	Male	Female	MC	62	4	3	1	0	0	0
			OR	20	2	2	0	0	0	0
	Non-EconDis	EconDis	MC	62	10	2	8	1	0	1
			OR	20	9	9	0	5	5	0
	Non-LEP	LEP	MC	26	3	1	2	0	0	0
			OR	5	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	26	7	2	5	1	1	0
			OR	5	1	1	0	0	0	0
		Black or African American	MC	62	12	6	6	1	1	0
			OR	20	5	5	0	2	2	0
		Hispanic or Latino	MC	62	8	4	4	1	1	0
			OR	20	3	3	0	0	0	0
5	Male	Female	MC	61	7	4	3	0	0	0
	Non-EconDis	EconDis	MC	61	3	2	1	0	0	0
	Non-LEP	LEP	MC	27	1	1	0	0	0	0
	White	American Indian or Alaska Native	MC	27	4	2	2	1	1	0
		Black or African American	MC	61	8	7	1	2	1	1
		Hispanic or Latino	MC	61	8	4	4	0	0	0
6	Male	Female	MC	74	7	3	4	1	0	1
	Non-EconDis	EconDis	MC	74	7	2	5	1	0	1
	Non-LEP	LEP	MC	26	3	2	1	0	0	0
	White	American Indian or Alaska Native	MC	26	10	4	6	2	1	1
		Black or African American	MC	74	5	4	1	0	0	0
		Hispanic or Latino	MC	74	8	7	1	1	0	1
7	Male	Female	MC	80	12	10	2	0	0	0
	Non-EconDis	EconDis	MC	80	7	3	4	0	0	0
	Non-LEP	LEP	MC	25	4	1	3	0	0	0

continued

Grade	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
7	White	American Indian or Alaska Native	MC	25	7	3	4	1	0	1
		Black or African American	MC	80	12	7	5	2	0	2
		Hispanic or Latino	MC	80	9	5	4	0	0	0
8	Male	Female	MC	85	5	2	3	0	0	0
	Non-EconDis	EconDis	MC	85	13	5	8	0	0	0
	Non-LEP	LEP	MC	25	5	4	1	0	0	0
	White	American Indian or Alaska Native	MC	25	7	6	1	0	0	0
		Black or African American	MC	85	10	4	6	0	0	0
		Hispanic or Latino	MC	85	10	6	4	1	1	0
11	Male	Female	MC	55	2	1	1	0	0	0
	Non-EconDis	EconDis	MC	55	5	3	2	0	0	0
	Non-LEP	LEP	MC	28	4	3	1	0	0	0
	White	American Indian or Alaska Native	MC	28	5	3	2	0	0	0
		Black or African American	MC	55	4	3	1	0	0	0
		Hispanic or Latino	MC	55	5	1	4	1	1	0

Table 8C-3. 2014–15 NCSC: DIF by Form— Mathematics Grade 3

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	Male	Female	MC	33	3	2	1	0	0	0
			OR	2	1	0	1	0	0	0
	Non-EconDis	EconDis	MC	33	5	2	3	0	0	0
			OR	2	0	0	0	0	0	0
	Non-LEP	LEP	MC	19	1	0	1	0	0	0

continued

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	Non-LEP	LEP	OR	1	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	19	4	1	3	0	0	0
			OR	1	1	0	1	0	0	0
		Black or African American	MC	33	4	2	2	0	0	0
			OR	2	0	0	0	0	0	0
		Hispanic or Latino	MC	33	3	3	0	0	0	0
			OR	2	1	1	0	0	0	0
02	Male	Female	MC	32	2	1	1	0	0	0
			OR	3	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	32	1	0	1	0	0	0
			OR	3	0	0	0	0	0	0
	Non-LEP	LEP	MC	19	1	0	1	0	0	0
			OR	1	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	19	4	1	3	0	0	0
			OR	1	1	0	1	0	0	0
		Black or African American	MC	32	3	0	3	1	1	0
			OR	3	0	0	0	0	0	0
		Hispanic or Latino	MC	32	1	0	1	0	0	0
			OR	3	0	0	0	0	0	0
03	Male	Female	MC	33	2	1	1	0	0	0
			OR	2	1	0	1	0	0	0
	Non-EconDis	EconDis	MC	33	3	1	2	0	0	0
			OR	2	1	0	1	0	0	0
	Non-LEP	LEP	MC	19	1	0	1	0	0	0
			OR	1	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	19	4	1	3	0	0	0
			OR	1	1	0	1	0	0	0
		Black or African American	MC	33	0	0	0	0	0	0
			OR	2	0	0	0	1	1	0
		Hispanic or Latino	MC	33	4	2	2	0	0	0
			OR	2	0	0	0	0	0	0
04	Male	Female	MC	32	1	0	1	0	0	0

continued

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
04	Male	Female	OR	3	1	0	1	0	0	0
	Non-EconDis	EconDis	MC	32	4	2	2	0	0	0
			OR	3	0	0	0	0	0	0
	Non-LEP	LEP	MC	19	1	0	1	0	0	0
			OR	1	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	19	4	1	3	0	0	0
			OR	1	1	0	1	0	0	0
		Black or African American	MC	32	4	2	2	0	0	0
			OR	3	0	0	0	0	0	0
		Hispanic or Latino	MC	32	2	1	1	0	0	0
			OR	3	0	0	0	0	0	0

Table 8C-4. 2014–15 NCSC: DIF by Form— Mathematics Grade 4

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	Male	Female	MC	28	3	3	0	1	1	0
			OR	5	2	0	2	0	0	0
	Non-EconDis	EconDis	MC	28	6	5	1	1	0	1
			OR	5	2	0	2	0	0	0
	Non-LEP	LEP	MC	16	1	1	0	0	0	0
			OR	2	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	16	2	1	1	0	0	0
			OR	2	0	0	0	0	0	0
		Black or African American	MC	28	3	3	0	0	0	0
			OR	5	1	1	0	0	0	0
		Hispanic or Latino	MC	28	2	2	0	0	0	0
			OR	5	1	0	1	0	0	0
02	Male	Female	MC	28	3	2	1	0	0	0
			OR	5	0	0	0	0	0	0

continued

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
02	Non-EconDis	EconDis	MC	28	3	1	2	0	0	0
			OR	5	1	0	1	0	0	0
	Non-LEP	LEP	MC	16	1	1	0	0	0	0
			OR	2	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	16	2	1	1	0	0	0
			OR	2	0	0	0	0	0	0
		Black or African American	MC	28	4	2	2	0	0	0
			OR	5	1	1	0	0	0	0
		Hispanic or Latino	MC	28	4	2	2	0	0	0
			OR	5	0	0	0	0	0	0
03	Male	Female	MC	28	2	1	1	0	0	0
			OR	5	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	28	1	1	0	0	0	0
			OR	5	2	0	2	1	0	1
	Non-LEP	LEP	MC	16	1	1	0	0	0	0
			OR	2	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	16	2	1	1	0	0	0
			OR	2	0	0	0	0	0	0
		Black or African American	MC	28	2	2	0	0	0	0
			OR	5	2	2	0	0	0	0
		Hispanic or Latino	MC	28	4	2	2	0	0	0
			OR	5	0	0	0	0	0	0
04	Male	Female	MC	29	2	1	1	0	0	0
			OR	4	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	29	3	2	1	0	0	0
			OR	4	2	0	2	0	0	0
	Non-LEP	LEP	MC	16	1	1	0	0	0	0
			OR	2	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	16	2	1	1	0	0	0
			OR	2	0	0	0	0	0	0
		Black or African American	MC	29	3	1	2	0	0	0
			OR	4	1	0	1	0	0	0

continued

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
04	White	Hispanic or Latino	MC	29	3	2	1	0	0	0
			OR	4	0	0	0	0	0	0

Table 8C-5. 2014–15 NCSC: DIF by Form— Mathematics Grade 5

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	Male	Female	MC	33	3	3	0	0	0	0
			OR	2	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	33	2	2	0	1	1	0
			OR	2	0	0	0	0	0	0
	Non-LEP	LEP	MC	18	3	1	2	0	0	0
			OR	1	1	0	1	0	0	0
	White	American Indian or Alaska Native	MC	18	3	2	1	0	0	0
			OR	1	0	0	0	0	0	0
		Black or African American	MC	33	4	2	2	0	0	0
			OR	2	1	1	0	0	0	0
		Hispanic or Latino	MC	33	2	1	1	0	0	0
			OR	2	0	0	0	0	0	0
02	Male	Female	MC	34	2	0	2	0	0	0
			OR	1	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	34	3	1	2	0	0	0
			OR	1	0	0	0	0	0	0
	Non-LEP	LEP	MC	18	3	1	2	0	0	0
			OR	1	1	0	1	0	0	0
	White	American Indian or Alaska Native	MC	18	3	2	1	0	0	0
			OR	1	0	0	0	0	0	0
		Black or African American	MC	34	5	3	2	0	0	0
			OR	1	0	0	0	0	0	0
		Hispanic or Latino	MC	34	0	0	0	0	0	0

continued

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
02	White	Hispanic or Latino	OR	1	0	0	0	0	0	0
03	Male	Female	MC	32	2	1	1	0	0	0
			OR	2	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	32	1	1	0	0	0	0
			OR	2	0	0	0	0	0	0
	Non-LEP	LEP	MC	18	3	1	2	0	0	0
			OR	1	1	0	1	0	0	0
	White	American Indian or Alaska Native	MC	18	3	2	1	0	0	0
			OR	1	0	0	0	0	0	0
		Black or African American	MC	32	2	2	0	1	0	1
			OR	2	0	0	0	0	0	0
		Hispanic or Latino	MC	32	2	2	0	0	0	0
			OR	2	0	0	0	0	0	0
04	Male	Female	MC	32	1	0	1	0	0	0
			OR	1	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	32	2	0	2	0	0	0
			OR	1	0	0	0	0	0	0
	Non-LEP	LEP	MC	18	3	1	2	0	0	0
			OR	1	1	0	1	0	0	0
	White	American Indian or Alaska Native	MC	18	3	2	1	0	0	0
			OR	1	0	0	0	0	0	0
		Black or African American	MC	32	2	1	1	0	0	0
			OR	1	0	0	0	0	0	0
		Hispanic or Latino	MC	32	2	2	0	0	0	0
			OR	1	0	0	0	0	0	0

Table 8C-6. 2014–15 NCSC: DIF by Form— Mathematics Grade 6

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	Male	Female	MC	35	2	2	0	0	0	0
	Non-EconDis	EconDis	MC	35	5	2	3	0	0	0
	Non-LEP	LEP	MC	20	3	2	1	0	0	0
	White	American Indian or Alaska Native	MC	20	2	0	2	1	1	0
		Black or African American	MC	35	8	6	2	1	0	1
		Hispanic or Latino	MC	35	5	3	2	0	0	0
02	Male	Female	MC	35	5	2	3	0	0	0
	Non-EconDis	EconDis	MC	35	6	4	2	0	0	0
	Non-LEP	LEP	MC	20	3	2	1	0	0	0
	White	American Indian or Alaska Native	MC	20	2	0	2	1	1	0
		Black or African American	MC	35	7	5	2	0	0	0
		Hispanic or Latino	MC	35	6	5	1	0	0	0
03	Male	Female	MC	34	1	1	0	0	0	0
	Non-EconDis	EconDis	MC	34	4	1	3	0	0	0
	Non-LEP	LEP	MC	20	3	2	1	0	0	0
	White	American Indian or Alaska Native	MC	20	2	0	2	1	1	0
		Black or African American	MC	34	7	5	2	0	0	0
		Hispanic or Latino	MC	34	4	3	1	0	0	0
04	Male	Female	MC	35	1	1	0	0	0	0
	Non-EconDis	EconDis	MC	35	4	2	2	1	0	1
	Non-LEP	LEP	MC	20	3	2	1	0	0	0
	White	American Indian or Alaska Native	MC	20	2	0	2	1	1	0
		Black or African American	MC	35	6	4	2	0	0	0
		Hispanic or Latino	MC	35	2	2	0	0	0	0

Table 8C-7. 2014–15 NCSC: DIF by Form— Mathematics Grade 7

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	Male	Female	MC	34	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	34	4	1	3	0	0	0
	Non-LEP	LEP	MC	19	1	1	0	0	0	0
	White	American Indian or Alaska Native	MC	19	4	1	3	1	1	0
		Black or African American	MC	34	4	2	2	1	0	1
		Hispanic or Latino	MC	34	2	1	1	0	0	0
02	Male	Female	MC	35	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	35	3	1	2	1	1	0
	Non-LEP	LEP	MC	19	1	1	0	0	0	0
	White	American Indian or Alaska Native	MC	19	4	1	3	1	1	0
		Black or African American	MC	35	1	1	0	0	0	0
		Hispanic or Latino	MC	35	5	4	1	0	0	0
03	Male	Female	MC	34	2	1	1	0	0	0
	Non-EconDis	EconDis	MC	34	1	0	1	0	0	0
	Non-LEP	LEP	MC	19	1	1	0	0	0	0
	White	American Indian or Alaska Native	MC	19	4	1	3	1	1	0
		Black or African American	MC	34	5	3	2	0	0	0
		Hispanic or Latino	MC	34	1	1	0	0	0	0
04	Male	Female	MC	34	2	1	1	0	0	0
	Non-EconDis	EconDis	MC	34	2	1	1	0	0	0
	Non-LEP	LEP	MC	19	1	1	0	0	0	0
	White	American Indian or Alaska Native	MC	19	4	1	3	1	1	0
		Black or African American	MC	34	1	0	1	0	0	0
		Hispanic or Latino	MC	34	2	1	1	0	0	0
		Hispanic or Latino	MC	35	2	2	0	0	0	0

Table 8C-8. 2014–15 NCSC: DIF by Form— Mathematics Grade 8

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
					Total	Favoring		Total	Favoring	
	Reference	Focal				Reference	Focal		Reference	Focal
01	Male	Female	MC	33	3	2	1	0	0	0
			OR	2	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	33	2	1	1	0	0	0
			OR	2	0	0	0	0	0	0
	Non-LEP	LEP	MC	19	4	2	2	0	0	0
			OR	1	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	19	4	2	2	0	0	0
			OR	1	0	0	0	0	0	0
		Black or African American	MC	33	5	4	1	0	0	0
			OR	2	0	0	0	0	0	0
		Hispanic or Latino	MC	33	2	1	1	0	0	0
			OR	2	0	0	0	0	0	0
02	Male	Female	MC	33	2	2	0	0	0	0
			OR	1	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	33	5	1	4	0	0	0
			OR	1	0	0	0	0	0	0
	Non-LEP	LEP	MC	19	4	2	2	0	0	0
			OR	1	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	19	4	2	2	0	0	0
			OR	1	0	0	0	0	0	0
		Black or African American	MC	33	1	0	1	0	0	0
			OR	1	0	0	0	0	0	0
		Hispanic or Latino	MC	33	1	0	1	0	0	0
			OR	1	0	0	0	0	0	0
03	Male	Female	MC	33	2	2	0	0	0	0
			OR	2	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	33	5	3	2	0	0	0
			OR	2	0	0	0	0	0	0
	Non-LEP	LEP	MC	19	4	2	2	0	0	0
			OR	1	0	0	0	0	0	0

continued

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
03	White	American Indian or Alaska Native	MC	19	4	2	2	0	0	0
			OR	1	0	0	0	0	0	0
		Black or African American	MC	33	2	2	0	0	0	0
			OR	2	0	0	0	0	0	0
		Hispanic or Latino	MC	33	1	1	0	0	0	0
			OR	2	0	0	0	0	0	0
04	Male	Female	MC	34	2	1	1	0	0	0
			OR	1	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	34	3	1	2	0	0	0
			OR	1	0	0	0	0	0	0
	Non-LEP	LEP	MC	19	4	2	2	0	0	0
			OR	1	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	19	4	2	2	0	0	0
			OR	1	0	0	0	0	0	0
		Black or African American	MC	34	2	1	1	0	0	0
			OR	1	0	0	0	0	0	0
		Hispanic or Latino	MC	34	2	1	1	0	0	0
			OR	1	0	0	0	0	0	0

Table 8C-9. 2014–15 NCSC: DIF by Form— Mathematics Grade 11

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	Male	Female	MC	32	1	0	1	0	0	0
			OR	2	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	32	4	2	2	0	0	0
			OR	2	1	0	1	0	0	0
	Non-LEP	LEP	MC	18	7	1	6	0	0	0
			OR	1	0	0	0	0	0	0

continued

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	White	American Indian or Alaska Native	MC	18	4	2	2	1	0	1
			OR	1	0	0	0	0	0	0
		Black or African American	MC	32	6	4	2	0	0	0
			OR	2	0	0	0	0	0	0
		Hispanic or Latino	MC	32	3	2	1	1	0	1
			OR	2	1	0	1	0	0	0
02	Male	Female	MC	33	3	1	2	0	0	0
			OR	2	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	33	3	1	2	1	0	1
			OR	2	0	0	0	1	1	0
	Non-LEP	LEP	MC	18	7	1	6	0	0	0
			OR	1	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	18	4	2	2	1	0	1
			OR	1	0	0	0	0	0	0
		Black or African American	MC	33	7	5	2	0	0	0
			OR	2	0	0	0	1	1	0
		Hispanic or Latino	MC	33	3	0	3	0	0	0
			OR	2	1	1	0	0	0	0
03	Male	Female	MC	32	2	1	1	0	0	0
			OR	2	1	1	0	0	0	0
	Non-EconDis	EconDis	MC	32	1	1	0	0	0	0
			OR	2	0	0	0	0	0	0
	Non-LEP	LEP	MC	18	7	1	6	0	0	0
			OR	1	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	18	4	2	2	1	0	1
			OR	1	0	0	0	0	0	0
		Black or African American	MC	32	4	4	0	1	1	0
			OR	2	1	0	1	0	0	0
		Hispanic or Latino	MC	32	2	0	2	1	1	0
			OR	2	0	0	0	0	0	0
04	Male	Female	MC	32	1	1	0	0	0	0
			OR	2	0	0	0	0	0	0

continued

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
04	Non-EconDis	EconDis	MC	32	6	4	2	0	0	0
			OR	2	0	0	0	0	0	0
	Non-LEP	LEP	MC	18	7	1	6	0	0	0
			OR	1	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	18	4	2	2	1	0	1
			OR	1	0	0	0	0	0	0
		Black or African American	MC	32	5	4	1	0	0	0
			OR	2	0	0	0	0	0	0
		Hispanic or Latino	MC	32	4	3	1	0	0	0
			OR	2	0	0	0	1	1	0

Table 8C-10. 2014–15 NCSC: DIF by Form— ELA Grade 3

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	Male	Female	MC	32	2	0	2	0	0	0
			OR	10	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	32	3	0	3	0	0	0
			OR	10	6	6	0	2	2	0
	Non-LEP	LEP	MC	22	4	1	3	0	0	0
			OR	5	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	22	6	3	3	1	1	0
			OR	5	0	0	0	0	0	0
		Black or African American	MC	32	1	0	1	1	1	0
			OR	10	3	0	3	0	0	0
		Hispanic or Latino	MC	32	3	2	1	0	0	0
			OR	10	0	0	0	0	0	0
02	Male	Female	MC	32	0	0	0	0	0	0
			OR	5	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	32	2	0	2	0	0	0

continued

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
02	Non-EconDis	EconDis	OR	5	4	4	0	1	1	0
	Non-LEP	LEP	MC	27	4	1	3	0	0	0
			OR	5	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	27	6	3	3	1	1	0
			OR	5	0	0	0	0	0	0
		Black or African American	MC	32	0	0	0	0	0	0
			OR	5	0	0	0	0	0	0
		Hispanic or Latino	MC	32	3	3	0	1	0	1
			OR	5	0	0	0	0	0	0
03	Male	Female	MC	32	0	0	0	0	0	0
			OR	10	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	32	3	0	3	0	0	0
			OR	10	6	6	0	2	2	0
	Non-LEP	LEP	MC	27	4	1	3	0	0	0
			OR	5	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	27	6	3	3	1	1	0
			OR	5	0	0	0	0	0	0
		Black or African American	MC	32	0	0	0	0	0	0
			OR	10	1	1	0	0	0	0
		Hispanic or Latino	MC	32	2	2	0	0	0	0
			OR	10	0	0	0	0	0	0
04	Male	Female	MC	32	2	1	1	0	0	0
			OR	10	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	32	3	1	2	0	0	0
			OR	10	6	6	0	2	2	0
	Non-LEP	LEP	MC	21	3	0	3	0	0	0
			OR	5	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	21	5	2	3	0	0	0
			OR	5	0	0	0	0	0	0
		Black or African American	MC	32	3	2	1	0	0	0
			OR	10	1	1	0	0	0	0
		Hispanic or Latino	MC	32	4	2	2	0	0	0
			OR	10	2	2	0	0	0	0

Table 8C-11. 2014–15 NCSC: DIF by Form— ELA Grade 4

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
					Total	Favoring		Total	Favoring	
	Reference	Focal				Reference	Focal		Reference	Focal
01	Male	Female	MC	31	0	0	0	0	0	0
			OR	10	1	1	0	0	0	0
	Non-EconDis	EconDis	MC	31	4	1	3	0	0	0
			OR	10	6	6	0	0	0	0
	Non-LEP	LEP	MC	26	3	1	2	0	0	0
			OR	5	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	26	7	2	5	1	1	0
			OR	5	1	1	0	0	0	0
		Black or African American	MC	31	3	1	2	1	1	0
			OR	10	2	2	0	0	0	0
		Hispanic or Latino	MC	31	1	0	1	1	1	0
			OR	10	2	2	0	0	0	0
02	Male	Female	MC	34	1	1	0	0	0	0
			OR	5	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	34	4	1	3	0	0	0
			OR	5	5	5	0	0	0	0
	Non-LEP	LEP	MC	26	3	1	2	0	0	0
			OR	5	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	26	7	2	5	1	1	0
			OR	5	1	1	0	0	0	0
		Black or African American	MC	34	3	1	2	0	0	0
			OR	5	2	2	0	0	0	0
		Hispanic or Latino	MC	34	2	1	1	0	0	0
			OR	5	0	0	0	0	0	0
03	Male	Female	MC	31	1	1	0	0	0	0
			OR	10	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	31	3	0	3	1	0	1
			OR	10	5	5	0	5	5	0
	Non-LEP	LEP	MC	20	3	1	2	0	0	0
			OR	5	0	0	0	0	0	0

continued

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
03	White	American Indian or Alaska Native	MC	20	6	2	4	1	1	0
			OR	5	1	1	0	0	0	0
		Black or African American	MC	31	3	1	2	0	0	0
			OR	10	3	3	0	0	0	0
		Hispanic or Latino	MC	31	4	2	2	0	0	0
			OR	10	1	1	0	0	0	0
04	Male	Female	MC	31	2	1	1	0	0	0
			OR	10	1	1	0	0	0	0
	Non-EconDis	EconDis	MC	31	3	0	3	0	0	0
			OR	10	8	8	0	0	0	0
	Non-LEP	LEP	MC	19	2	1	1	0	0	0
			OR	5	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	19	5	1	4	0	0	0
			OR	5	1	1	0	0	0	0
		Black or African American	MC	31	6	3	3	0	0	0
			OR	10	4	4	0	2	2	0
		Hispanic or Latino	MC	31	1	1	0	0	0	0
			OR	10	0	0	0	0	0	0

Table 8C-12. 2014–15 NCSC: DIF by Form— ELA Grade 5

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	Male	Female	MC	32	1	1	0	0	0	0
	Non-EconDis	EconDis	MC	32	0	0	0	0	0	0
	Non-LEP	LEP	MC	27	1	1	0	0	0	0
	White	American Indian or Alaska Native	MC	27	4	2	2	1	1	0
		Black or African American	MC	32	2	1	1	2	1	1

continued

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	White	Hispanic or Latino	MC	32	1	0	1	0	0	0
02	Male	Female	MC	32	3	1	2	0	0	0
	Non-EconDis	EconDis	MC	32	0	0	0	0	0	0
	Non-LEP	LEP	MC	27	1	1	0	0	0	0
	White	American Indian or Alaska Native	MC	27	4	2	2	1	1	0
		Black or African American	MC	32	3	3	0	0	0	0
		Hispanic or Latino	MC	32	0	0	0	0	0	0
03	Male	Female	MC	34	2	2	0	0	0	0
	Non-EconDis	EconDis	MC	34	1	1	0	0	0	0
	Non-LEP	LEP	MC	22	1	1	0	0	0	0
	White	American Indian or Alaska Native	MC	22	4	2	2	1	1	0
		Black or African American	MC	34	2	2	0	0	0	0
		Hispanic or Latino	MC	34	3	2	1	0	0	0
04	Male	Female	MC	31	1	0	1	0	0	0
	Non-EconDis	EconDis	MC	31	2	1	1	0	0	0
	Non-LEP	LEP	MC	19	0	0	0	0	0	0
	White	American Indian or Alaska Native	MC	19	2	1	1	1	1	0
		Black or African American	MC	31	3	3	0	0	0	0
		Hispanic or Latino	MC	31	4	2	2	0	0	0

Table 8C-13. 2014–15 NCSC: DIF by Form— ELA Grade 6

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	Male	Female	MC	33	4	2	2	1	0	1
	Non-EconDis	EconDis	MC	33	4	1	3	0	0	0
	Non-LEP	LEP	MC	21	3	2	1	0	0	0
	White	American Indian or Alaska Native	MC	21	9	3	6	2	1	1
		Black or African American	MC	33	0	0	0	0	0	0
		Hispanic or Latino	MC	33	3	2	1	0	0	0
02	Male	Female	MC	32	1	0	1	0	0	0
	Non-EconDis	EconDis	MC	32	2	1	1	0	0	0
	Non-LEP	LEP	MC	20	2	2	0	0	0	0
	White	American Indian or Alaska Native	MC	20	6	4	2	2	1	1
		Black or African American	MC	32	2	1	1	0	0	0
		Hispanic or Latino	MC	32	2	2	0	0	0	0
03	Male	Female	MC	33	4	3	1	0	0	0
	Non-EconDis	EconDis	MC	33	3	0	3	1	0	1
	Non-LEP	LEP	MC	21	3	2	1	0	0	0
	White	American Indian or Alaska Native	MC	21	9	3	6	2	1	1
		Black or African American	MC	33	1	1	0	0	0	0
		Hispanic or Latino	MC	33	3	2	1	1	0	1
04	Male	Female	MC	32	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	32	1	0	1	0	0	0
	Non-LEP	LEP	MC	20	2	2	0	0	0	0
	White	American Indian or Alaska Native	MC	20	6	4	2	2	1	1
		Black or African American	MC	32	2	2	0	0	0	0
		Hispanic or Latino	MC	32	1	1	0	0	0	0

Table 8C-14. 2014–15 NCSC: DIF by Form— ELA Grade 7

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	Male	Female	MC	33	3	3	0	0	0	0
	Non-EconDis	EconDis	MC	33	2	0	2	0	0	0
	Non-LEP	LEP	MC	21	4	1	3	0	0	0
	White	American Indian or Alaska Native	MC	21	6	3	3	1	0	1
		Black or African American	MC	33	5	3	2	0	0	0
		Hispanic or Latino	MC	33	3	3	0	0	0	0
02	Male	Female	MC	36	4	3	1	0	0	0
	Non-EconDis	EconDis	MC	36	3	2	1	0	0	0
	Non-LEP	LEP	MC	20	1	0	1	0	0	0
	White	American Indian or Alaska Native	MC	20	7	3	4	0	0	0
		Black or African American	MC	36	3	1	2	0	0	0
		Hispanic or Latino	MC	36	2	1	1	0	0	0
03	Male	Female	MC	35	3	3	0	0	0	0
	Non-EconDis	EconDis	MC	35	0	0	0	0	0	0
	Non-LEP	LEP	MC	21	4	1	3	0	0	0
	White	American Indian or Alaska Native	MC	21	6	3	3	1	0	1
		Black or African American	MC	35	3	1	2	2	0	2
		Hispanic or Latino	MC	35	4	2	2	0	0	0
04	Male	Female	MC	33	3	2	1	0	0	0
	Non-EconDis	EconDis	MC	33	2	1	1	0	0	0
	Non-LEP	LEP	MC	20	1	0	1	0	0	0
	White	American Indian or Alaska Native	MC	20	7	3	4	0	0	0
		Black or African American	MC	33	4	2	2	0	0	0
		Hispanic or Latino	MC	33	2	1	1	0	0	0

Table 8C-15. 2014–15 NCSC: DIF by Form— ELA Grade 8

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	Male	Female	MC	35	2	1	1	0	0	0
	Non-EconDis	EconDis	MC	35	4	2	2	0	0	0
	Non-LEP	LEP	MC	21	5	4	1	0	0	0
	White	American Indian or Alaska Native	MC	21	7	6	1	0	0	0
		Black or African American	MC	35	1	0	1	0	0	0
		Hispanic or Latino	MC	35	3	2	1	0	0	0
02	Male	Female	MC	36	1	0	1	0	0	0
	Non-EconDis	EconDis	MC	36	5	1	4	0	0	0
	Non-LEP	LEP	MC	20	3	2	1	0	0	0
	White	American Indian or Alaska Native	MC	20	6	5	1	0	0	0
		Black or African American	MC	36	2	1	1	0	0	0
		Hispanic or Latino	MC	36	2	1	1	0	0	0
03	Male	Female	MC	35	2	1	1	0	0	0
	Non-EconDis	EconDis	MC	35	2	1	1	0	0	0
	Non-LEP	LEP	MC	21	5	4	1	0	0	0
	White	American Indian or Alaska Native	MC	21	7	6	1	0	0	0
		Black or African American	MC	35	1	0	1	0	0	0
		Hispanic or Latino	MC	35	1	0	1	1	1	0
04	Male	Female	MC	36	3	0	3	0	0	0
	Non-EconDis	EconDis	MC	36	2	1	1	0	0	0
	Non-LEP	LEP	MC	20	3	2	1	0	0	0
	White	American Indian or Alaska Native	MC	20	6	5	1	0	0	0
		Black or African American	MC	36	6	3	3	0	0	0
		Hispanic or Latino	MC	36	4	3	1	0	0	0

Table 8C-16. 2014–15 NCSC: DIF by Form— ELA Grade 11

Form	Group		Item Type	Number of Items	Number "Low"			Number "High"		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
01	Male	Female	MC	32	1	0	1	0	0	0
	Non-EconDis	EconDis	MC	32	0	0	0	0	0	0
	Non-LEP	LEP	MC	28	4	3	1	0	0	0
	White	American Indian or Alaska Native	MC	28	5	3	2	0	0	0
		Black or African American	MC	32	0	0	0	0	0	0
		Hispanic or Latino	MC	32	1	0	1	0	0	0
02	Male	Female	MC	33	2	1	1	0	0	0
	Non-EconDis	EconDis	MC	33	2	1	1	0	0	0
	Non-LEP	LEP	MC	28	4	3	1	0	0	0
	White	American Indian or Alaska Native	MC	28	5	3	2	0	0	0
		Black or African American	MC	33	0	0	0	0	0	0
		Hispanic or Latino	MC	33	2	0	2	0	0	0
03	Male	Female	MC	33	1	0	1	0	0	0
	Non-EconDis	EconDis	MC	33	0	0	0	0	0	0
	Non-LEP	LEP	MC	28	4	3	1	0	0	0
	White	American Indian or Alaska Native	MC	28	5	3	2	0	0	0
		Black or African American	MC	33	3	2	1	0	0	0
		Hispanic or Latino	MC	33	1	0	1	0	0	0
04	Male	Female	MC	35	0	0	0	0	0	0
	Non-EconDis	EconDis	MC	35	3	2	1	0	0	0
	Non-LEP	LEP	MC	22	3	2	1	0	0	0
	White	American Indian or Alaska Native	MC	22	4	2	2	0	0	0
		Black or African American	MC	35	1	1	0	0	0	0
		Hispanic or Latino	MC	35	4	1	3	1	1	0