

APPENDIX I

DIFFERENTIAL ITEM FUNCTIONING RESULTS

Table I-1. 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	CR	1	0	0	0	0	0	0
			ES	4	0	0	0	0	0	0
			SR	24	2	1	1	0	0	0
	Not LEPFLEP	LEPFLEP	CR	1	0	0	0	0	0	0
			ES	4	0	0	0	0	0	0
			SR	24	5	5	0	1	1	0
	Not Economically Disadvantaged	Economically Disadvantaged	CR	1	0	0	0	0	0	0
			ES	4	0	0	0	0	0	0
			SR	24	1	1	0	1	1	0
	White	African American	CR	1	0	0	0	0	0	0
			ES	4	0	0	0	0	0	0
			SR	24	5	5	0	1	1	0
		Hispanic	CR	1	0	0	0	0	0	0
			ES	4	0	0	0	0	0	0
			SR	24	3	3	0	1	1	0
	Students without Disabilities	Students with Disabilities	CR	1	0	0	0	0	0	0
			ES	4	1	1	0	0	0	0
			SR	24	0	0	0	0	0	0
4	Male	Female	CR	1	0	0	0	0	0	0
			ES	4	1	0	1	0	0	0
			SR	24	0	0	0	0	0	0
	Not LEPFLEP	LEPFLEP	CR	1	0	0	0	0	0	0
			ES	4	0	0	0	0	0	0
			SR	24	3	3	0	1	1	0
	Not Economically Disadvantaged	Economically Disadvantaged	CR	1	0	0	0	0	0	0
			ES	4	0	0	0	0	0	0
			SR	24	1	1	0	0	0	0
	White	African American	CR	1	0	0	0	0	0	0
			ES	4	0	0	0	0	0	0
			SR	24	3	3	0	0	0	0
		Hispanic	CR	1	0	0	0	0	0	0
			ES	4	0	0	0	0	0	0
			SR	24	2	2	0	1	1	0

continued

Grade	Group		Item Type	Number of Items	Number “Low”			Number “High”		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
4	Students without Disabilities	Students with Disabilities	CR	1	0	0	0	0	0	0
			ES	4	2	2	0	0	0	0
			SR	24	0	0	0	0	0	0
5	Male	Female	ES	6	0	0	0	0	0	0
			SR	25	2	2	0	0	0	0
	Not LEPFLEP	LEPFLEP	ES	6	0	0	0	0	0	0
			SR	25	7	7	0	1	1	0
	Not Economically Disadvantaged	Economically Disadvantaged	ES	6	0	0	0	0	0	0
			SR	25	2	2	0	0	0	0
	White	African American	ES	6	0	0	0	0	0	0
			SR	25	5	5	0	0	0	0
		Hispanic	ES	6	0	0	0	0	0	0
			SR	25	3	3	0	0	0	0
	Students without Disabilities	Students with Disabilities	ES	6	0	0	0	0	0	0
			SR	25	1	1	0	0	0	0
6	Male	Female	ES	6	1	0	1	0	0	0
			SR	23	4	4	0	1	1	0
	Not LEPFLEP	LEPFLEP	ES	6	0	0	0	0	0	0
			SR	23	6	6	0	4	4	0
	Not Economically Disadvantaged	Economically Disadvantaged	ES	6	0	0	0	0	0	0
			SR	23	4	4	0	0	0	0
	White	African American	ES	6	0	0	0	0	0	0
			SR	23	2	2	0	2	2	0
		Hispanic	ES	6	0	0	0	0	0	0
			SR	23	2	2	0	3	3	0
	Students without Disabilities	Students with Disabilities	ES	6	0	0	0	0	0	0
			SR	23	0	0	0	0	0	0
7	Male	Female	ES	6	3	0	3	0	0	0
			SR	24	3	3	0	0	0	0
	Not LEPFLEP	LEPFLEP	ES	6	0	0	0	0	0	0
			SR	24	11	11	0	2	2	0
	Not Economically Disadvantaged	Economically Disadvantaged	ES	6	0	0	0	0	0	0
			SR	24	2	2	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
7	White	African American	ES	6	0	0	0	0	0	0
			SR	24	7	6	1	0	0	0
		Hispanic	ES	6	0	0	0	0	0	0
			SR	24	7	7	0	0	0	0
	Students without Disabilities	Students with Disabilities	ES	6	2	2	0	0	0	0
			SR	24	3	2	1	0	0	0
8	Male	Female	ES	6	1	0	1	0	0	0
			SR	24	2	2	0	0	0	0
	Not LEPFLEP	LEPFLEP	ES	6	0	0	0	0	0	0
			SR	24	6	6	0	4	4	0
	Not Economically Disadvantaged	Economically Disadvantaged	ES	6	0	0	0	0	0	0
			SR	24	2	2	0	0	0	0
	White	African American	ES	6	0	0	0	0	0	0
			SR	24	4	4	0	0	0	0
		Hispanic	ES	6	0	0	0	0	0	0
			SR	24	5	5	0	0	0	0
	Students without Disabilities	Students with Disabilities	ES	6	1	1	0	0	0	0
			SR	24	1	0	1	0	0	0
10	Male	Female	ES	4	2	0	2	0	0	0
			SR	32	1	1	0	2	2	0
	Not LEPFLEP	LEPFLEP	ES	4	0	0	0	0	0	0
			SR	32	11	11	0	1	1	0
	Not Economically Disadvantaged	Economically Disadvantaged	ES	4	0	0	0	0	0	0
			SR	32	0	0	0	0	0	0
	White	African American	ES	4	0	0	0	0	0	0
			SR	32	4	4	0	0	0	0
		Hispanic	ES	4	0	0	0	0	0	0
			SR	32	4	4	0	0	0	0
	Students without Disabilities	Students with Disabilities	ES	4	0	0	0	0	0	0
			SR	32	1	1	0	0	0	0

Table I-2. 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	CR	5	0	0	0	0	0	0
			SA	14	3	3	0	0	0	0
			SR	33	1	1	0	0	0	0
	Not LEPFLEP	LEPFLEP	CR	5	0	0	0	0	0	0
			SA	14	2	2	0	0	0	0
			SR	33	2	2	0	0	0	0
	Not Economically Disadvantaged	Economically Disadvantaged	CR	5	0	0	0	0	0	0
			SA	14	0	0	0	0	0	0
			SR	33	1	1	0	0	0	0
	White	African American	CR	5	1	0	1	0	0	0
			SA	14	7	5	2	0	0	0
			SR	33	14	9	5	0	0	0
		Hispanic	CR	5	1	0	1	0	0	0
			SA	14	4	4	0	0	0	0
			SR	33	5	3	2	0	0	0
	Students without Disabilities	Students with Disabilities	CR	5	0	0	0	0	0	0
			SA	14	0	0	0	0	0	0
			SR	33	6	5	1	2	1	1
4	Male	Female	CR	4	0	0	0	0	0	0
			SA	10	1	1	0	0	0	0
			SR	38	2	2	0	0	0	0
	Not LEPFLEP	LEPFLEP	CR	4	0	0	0	0	0	0
			SA	10	0	0	0	0	0	0
			SR	38	1	0	1	0	0	0
	Not Economically Disadvantaged	Economically Disadvantaged	CR	4	0	0	0	0	0	0
			SA	10	0	0	0	0	0	0
			SR	38	0	0	0	0	0	0
	White	African American	CR	4	0	0	0	0	0	0
			SA	10	1	0	1	0	0	0
			SR	38	9	6	3	0	0	0
		Hispanic	CR	4	0	0	0	0	0	0
			SA	10	1	0	1	0	0	0
			SR	38	3	1	2	0	0	0
Students without Disabilities	Students with Disabilities	CR	4	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	
4	Students without Disabilities	Students with Disabilities	SA	10	0	0	0	0	0	0	
			SR	38	4	3	1	2	2	0	
5	Male	Female	CR	4	0	0	0	0	0	0	
			SA	13	0	0	0	0	0	0	
			SR	37	2	2	0	0	0	0	
	Not LEPFLEP	LEPFLEP	CR	4	1	1	0	0	0	0	
			SA	13	0	0	0	0	0	0	
			SR	37	4	3	1	0	0	0	
	Not Economically Disadvantaged	Economically Disadvantaged	CR	4	0	0	0	0	0	0	
			SA	13	0	0	0	0	0	0	
			SR	37	1	1	0	0	0	0	
	White	African American	CR	4	2	2	0	0	0	0	
			SA	13	2	0	2	0	0	0	
			SR	37	6	3	3	1	1	0	
		Hispanic	CR	4	1	1	0	0	0	0	
			SA	13	0	0	0	0	0	0	
			SR	37	8	3	5	0	0	0	
	Students without Disabilities	Students with Disabilities	CR	4	0	0	0	0	0	0	
			SA	13	1	1	0	0	0	0	
			SR	37	8	8	0	1	1	0	
	6	Male	Female	CR	4	0	0	0	0	0	0
				SA	5	0	0	0	0	0	0
				SR	42	7	5	2	0	0	0
		Not LEPFLEP	LEPFLEP	CR	4	0	0	0	0	0	0
				SA	5	0	0	0	0	0	0
				SR	42	2	0	2	0	0	0
Not Economically Disadvantaged		Economically Disadvantaged	CR	4	0	0	0	0	0	0	
			SA	5	0	0	0	0	0	0	
			SR	42	0	0	0	0	0	0	
White		African American	CR	4	0	0	0	0	0	0	
			SA	5	0	0	0	0	0	0	
			SR	42	7	3	4	0	0	0	
		Hispanic	CR	4	0	0	0	0	0	0	
			SA	5	0	0	0	0	0	0	
			SR	42	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
6	Students without Disabilities	Students with Disabilities	CR	4	0	0	0	0	0	0
			SA	5	0	0	0	0	0	0
			SR	42	0	0	0	0	0	0
7	Male	Female	CR	5	0	0	0	0	0	0
			SA	13	3	2	1	0	0	0
			SR	35	6	5	1	2	2	0
	Not LEPFLEP	LEPFLEP	CR	5	2	2	0	0	0	0
			SA	13	2	1	1	0	0	0
			SR	35	5	2	3	1	0	1
	Not Economically Disadvantaged	Economically Disadvantaged	CR	5	0	0	0	0	0	0
			SA	13	0	0	0	0	0	0
			SR	35	0	0	0	0	0	0
	White	African American	CR	5	0	0	0	0	0	0
			SA	13	0	0	0	0	0	0
			SR	35	7	4	3	2	1	1
		Hispanic	CR	5	0	0	0	0	0	0
			SA	13	0	0	0	0	0	0
			SR	35	4	1	3	0	0	0
	Students without Disabilities	Students with Disabilities	CR	5	1	1	0	0	0	0
			SA	13	0	0	0	0	0	0
			SR	35	6	6	0	0	0	0
8	Male	Female	CR	5	0	0	0	0	0	0
			SA	11	0	0	0	0	0	0
			SR	36	3	3	0	0	0	0
	Not LEPFLEP	LEPFLEP	CR	5	0	0	0	0	0	0
			SA	11	0	0	0	0	0	0
			SR	36	6	4	2	1	1	0
	Not Economically Disadvantaged	Economically Disadvantaged	CR	5	0	0	0	0	0	0
			SA	11	0	0	0	0	0	0
			SR	36	0	0	0	0	0	0
	White	African American	CR	5	0	0	0	0	0	0
			SA	11	0	0	0	0	0	0
			SR	36	9	3	6	0	0	0
	Hispanic	CR	5	0	0	0	0	0	0	
		SA	11	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	SR	36	6	4	2	0	0	0
	Students without Disabilities	Students with Disabilities	CR	5	1	1	0	0	0	0
			SA	11	0	0	0	0	0	0
			SR	36	2	0	2	0	0	0
10	Male	Female	CR	4	0	0	0	0	0	0
			SA	8	1	1	0	1	1	0
			SR	42	3	1	2	0	0	0
	Not LEPFLEP	LEPFLEP	CR	4	2	2	0	0	0	0
			SA	8	1	1	0	0	0	0
			SR	42	7	4	3	0	0	0
	Not Economically Disadvantaged	Economically Disadvantaged	CR	4	0	0	0	0	0	0
			SA	8	0	0	0	0	0	0
			SR	42	0	0	0	0	0	0
	White	African American	CR	4	0	0	0	0	0	0
			SA	8	1	1	0	0	0	0
			SR	42	6	0	6	0	0	0
		Hispanic	CR	4	0	0	0	0	0	0
			SA	8	1	1	0	0	0	0
			SR	42	1	1	0	0	0	0
	Students without Disabilities	Students with Disabilities	CR	4	0	0	0	0	0	0
			SA	8	0	0	0	0	0	0
			SR	42	2	2	0	0	0	0

Table I-3. Number of Items Classified as “Low” or “High” DIF, Overall and by Group Favored – STE

Grade	Group		Item Type	Number of Items	Number “Low”			Number “High”		
	Reference	Focal			Total	Favoring		Total	Favoring	
						Reference	Focal		Reference	Focal
5	Male	Female	CR	7	2	0	2	0	0	0
			SA	2	0	0	0	0	0	0
			SR	42	5	4	1	0	0	0
	Not LEPFLEP	LEPFLEP	CR	7	1	1	0	0	0	0
			SA	2	0	0	0	0	0	0
			SR	42	5	3	2	0	0	0
	Not Economically Disadvantaged	Economically Disadvantaged	CR	7	0	0	0	0	0	0
			SA	2	0	0	0	0	0	0
			SR	42	1	1	0	0	0	0
	White	African American	CR	7	1	1	0	0	0	0
			SA	2	0	0	0	0	0	0
			SR	42	7	5	2	0	0	0
		Hispanic	CR	7	0	0	0	0	0	0
			SA	2	0	0	0	0	0	0
			SR	42	4	2	2	1	0	1
	Students without Disabilities	Students with Disabilities	CR	7	2	2	0	0	0	0
			SA	2	0	0	0	0	0	0
			SR	42	5	5	0	1	1	0
8	Male	Female	CR	8	0	0	0	0	0	0
			SA	1	1	0	1	0	0	0
			SR	47	7	5	2	2	2	0
	Not LEPFLEP	LEPFLEP	CR	8	1	1	0	0	0	0
			SA	1	0	0	0	0	0	0
			SR	47	5	4	1	2	2	0
	Not Economically Disadvantaged	Economically Disadvantaged	CR	8	0	0	0	0	0	0
			SA	1	0	0	0	0	0	0
			SR	47	3	1	2	0	0	0
	White	African American	CR	8	1	1	0	0	0	0
			SA	1	0	0	0	0	0	0
			SR	47	7	6	1	5	3	2
		Hispanic	CR	8	1	0	1	0	0	0
			SA	1	0	0	0	0	0	0
			SR	47	7	5	2	0	0	0
	Students without Disabilities	Students with Disabilities	CR	8	1	1	0	0	0	0
			SA	1	1	1	0	0	0	0
			SR	47	6	5	1	2	1	1