

Supplemental Information

SUPPLEMENTAL TABLE 3 Comparison of Results of Models Incorporating All 10 Sites Contributing Data to the SB Registry and Either the 8 sites With the Highest Enrollment Percentage or the 5 sites With No Statistical Evidence of Enrollment Bias

Variable	All 10 Sites		8 Sites		5 Sites	
	OR (95% CI)	<i>P</i>	OR (95% CI)	<i>P</i>	OR (95% CI)	<i>P</i>
Bowel continence						
Age group, y		<.0001 ^a		<.0001 ^a		.0340 ^a
5 to <10 ^b						
10 to <13	1.76 (1.24–2.49)		1.85 (1.22–2.82)		1.75 (1.03–2.96)	
13 to <18	2.36 (1.73–3.22)		2.46 (1.69–3.58)		1.76 (1.09–2.85)	
18 to <22	2.67 (1.83–3.89)		2.99 (1.90–4.70)		2.05 (1.17–3.58)	
Gender						
Male ^b						
Female	1.34 (1.05–1.70)	.0192	1.67 (1.24–2.24)	.0006	1.88 (1.29–2.72)	.0009
Race/ethnicity		.0007 ^a		.0114 ^a		.0098 ^a
Other ^b						
Hispanic	0.75 (0.51–1.12)		0.79 (0.51–1.25)		0.63 (0.33–1.21)	
Non-Hispanic black	0.38 (0.23–0.63)		0.43 (0.24–0.76)		0.38 (0.19–0.73)	
Insurance						
Any private ^b						
Nonprivate	0.50 (0.38–0.65)	<.0001	0.47 (0.34–0.64)	<.0001	0.55 (0.37–0.81)	.0025
Level of lesion (1 missing)		<.0001 ^a		<.0001 ^a		.0017 ^a
Thoracic ^b						
High-lumbar	1.51 (0.94–2.44)		2.12 (1.21–3.74)		1.98 (0.96–4.06)	
Midlumbar	1.06 (0.73–1.54)		0.90 (0.57–1.42)		0.85 (0.48–1.51)	
Low-lumbar	1.40 (0.91–2.17)		1.60 (0.96–2.69)		1.31 (0.69–2.48)	
Sacral	2.34 (1.58–3.47)		2.69 (1.66–4.35)		2.53 (1.39–4.62)	
SB type						
Myelomeningocele ^b						
Nonmyelomeningocele	2.52 (1.75–3.62)	<.0001	2.48 (1.62–3.81)	<.0001	3.13 (1.81–5.42)	<.0001
Bladder continence						
Age group, y		<.0001 ^a		<.0001 ^a		.0009 ^a
5 to <10 ^b						
10 to <13	1.33 (0.94–1.89)		1.31 (0.87–1.97)		1.41 (0.85–2.35)	
13 to <18	2.21 (1.63–2.99)		2.28 (1.59–3.26)		2.31 (1.45–3.66)	
18 to <22	2.27 (1.57–3.27)		2.43 (1.57–3.74)		2.42 (1.42–4.13)	
Gender						
Male ^b						
Female	1.25 (0.98–1.58)	.0670	1.39 (1.04–1.84)	.0241	1.74 (1.22–2.49)	.0023
Race/ethnicity		.0389 ^a		.0410 ^a		.0673 ^a
Other ^b						
Hispanic	0.82 (0.55–1.20)		0.84 (0.54–1.30)		0.95 (0.53–1.72)	
Non-Hispanic black	0.53 (0.32–0.88)		0.49 (0.28–0.86)		0.46 (0.24–0.89)	
Insurance						
Any private ^b						
Nonprivate	0.55 (0.42–0.72)	<.0001	0.56 (0.42–0.76)	.0002	0.57 (0.39–0.82)	.0029
Level of lesion (1 missing)		.0027 ^a		.0243 ^a		.2773 ^a
Thoracic ^b						
High-lumbar	1.17 (0.73–1.90)		1.34 (0.77–2.35)		1.19 (0.58–2.41)	
Midlumbar	1.13 (0.78–1.64)		1.13 (0.73–1.76)		1.00 (0.58–1.73)	
Low-lumbar	1.16 (0.75–1.78)		1.15 (0.69–1.92)		1.08 (0.58–2.00)	
Sacral	1.97 (1.34–2.90)		2.01 (1.26–3.20)		1.73 (0.97–3.08)	
SB type						
Myelomeningocele ^b						
Nonmyelomeningocele	1.83 (1.30–2.59)	.0005	1.88 (1.26–2.81)	.0020	2.16 (1.31–3.58)	.0027

SUPPLEMENTAL TABLE 3 Continued

Variable	All 10 Sites		8 Sites		5 Sites	
	OR (95% CI)	<i>P</i>	OR (95% CI)	<i>P</i>	OR (95% CI)	<i>P</i>
Mobility status						
Age groups (yrs)		.0277 ^a		.0581 ^a		.1319 ^a
2 to <5 ^b						
5 to <10	1.67 (1.10–2.53)		1.86 (1.15–3.02)		1.27 (0.67–2.40)	
10 to <13	1.43 (0.88–2.34)		1.32 (0.75–2.33)		1.28 (0.62–2.65)	
13 to <18	1.03 (0.66–1.60)		1.04 (0.62–1.76)		0.64 (0.33–1.26)	
18 to <22	0.83 (0.48–1.44)		0.90 (0.47–1.71)		0.62 (0.28–1.35)	
Gender						
Male ^b						
Female	1.54 (1.14–2.08)	.0049	1.86 (1.30–2.66)	.0007	1.58 (1.00–2.48)	.0505
Race/ethnicity		.3894 ^a		.8003 ^a		.5427 ^a
Other ^b						
Hispanic	1.32 (0.83–2.09)		1.11 (0.66–1.88)		1.41 (0.66–3.02)	
Non-Hispanic black	1.32 (0.73–2.38)		1.22 (0.62–2.40)		1.35 (0.63–2.88)	
Insurance						
Any private ^b						
Nonprivate	0.68 (0.49–0.95)	.0233	0.71 (0.49–1.03)	.0722	0.63 (0.39–1.00)	.0523
Level of lesion (1 missing)		<.0001 ^a		<.0001 ^a		<.0001 ^a
Thoracic ^b	0.00 (0.00–0.01)		0.00 (0.00–0.01)		0.00 (0.00–0.01)	
High-lumbar	0.02 (0.01–0.04)		0.01 (0.01–0.04)		0.01 (0.00–0.05)	
Midlumbar	0.15 (0.10–0.24)		0.17 (0.10–0.29)		0.17 (0.09–0.33)	
Low-lumbar						
Sacral	4.34 (2.18–8.64)		4.19 (1.77–9.91)		2.66 (1.06–6.73)	
SB type						
Myelomeningocele ^b						
Nonmyelomeningocele	3.42 (1.98–5.91)	<.0001	3.63 (1.91–6.90)	<.0001	5.07 (2.15–11.99)	.0002
Pressure sores						
Age groups (yrs)		<.0001 ^a		<.0001 ^a		<.0001 ^a
Younger than 2	0.11 (0.05–0.26)		0.11 (0.04–0.31)		0.11 (0.02–0.46)	
2 to <5	0.54 (0.33–0.89)		0.32 (0.16–0.63)		0.41 (0.18–0.93)	
5 to <10 ^b						
10 to <13	1.49 (0.97–2.30)		1.45 (0.86–2.42)		1.22 (0.63–2.36)	
13 to <18	1.78 (1.22–2.58)		1.83 (1.16–2.87)		1.81 (1.02–3.21)	
18 to <22	1.86 (1.18–2.93)		1.53 (0.88–2.65)		1.58 (0.81–3.05)	
Gender						
Male ^b						
Female	0.87 (0.67–1.14)	.3258	0.93 (0.68–1.28)	.6608	1.07 (0.71–1.62)	.7322
Race/ethnicity		.4320 ^a		.4319 ^a		.4999 ^a
Other ^b						
Hispanic	0.81 (0.53–1.25)		0.78 (0.49–1.26)		0.67 (0.33–1.37)	
Non-Hispanic black	1.18 (0.73–1.92)		1.19 (0.70–2.04)		1.07 (0.58–1.97)	
Insurance						
Any private ^b						
Nonprivate	1.27 (0.95–1.71)	.1069	1.34 (0.96–1.86)	.0877	1.32 (0.86–2.03)	.2064
Level of lesion (1 missing)		<.0001 ^a		<.0001 ^a		.0019 ^a
Thoracic ^b						
High-lumbar	0.99 (0.60–1.61)		0.99 (0.57–1.74)		0.65 (0.29–1.46)	
Midlumbar	1.04 (0.71–1.50)		1.12 (0.73–1.72)		1.21 (0.71–2.05)	
Low-lumbar	0.63 (0.40–1.01)		0.55 (0.32–0.95)		0.55 (0.28–1.09)	
Sacral	0.29 (0.18–0.47)		0.31 (0.17–0.55)		0.32 (0.15–0.67)	
SB type						
Myelomeningocele ^b						
Nonmyelomeningocele	0.82 (0.50–1.33)	.4204	0.60 (0.33–1.10)	.0986	0.54 (0.24–1.20)	.1282

^a Overall *P* value.

^b Reference group.