Supplemental Table 1. Variation Infants/Children with Severe BPD Born at Different Gestational Ages

| (Mean ± S.D. or % yes)                 | Severe BPD            | Severe BPD            | P Value* |
|--|-----------------------|-----------------------|----------|
| [Range]                                | ≤2 years of age       | ≤2 years of age       |          |
|  | [≤28 weeks gestation] | [>28 weeks gestation] |          |
|  | (n = 119)             | (n = 43)              |          |
| Gestation (weeks)                      | 25.3 ± 1.4            | 29.8 ± 1.5            | <0.001   |
|  | [22.3, 28.0]          | [28.1, 33.9]          |          |
| Age at ascertainment (years)           | $0.9 \pm 0.5$         | $0.6 \pm 0.3$         | <0.001   |
|  | [0.3, 2.0]            | [0.2, 1.2]            |          |
| Living with Smokers                    | 9.2%                  | 14.0%                 | 0.42     |
| Public Insurance                       | 46.9%                 | 42.9%                 | 0.46     |
|  | (n = 113)             | (n = 42)              |          |
| Attends Daycare                        | 24.4%                 | 18.6%                 | 0.75     |
| Any Home Respiratory Support           | 58.8%                 | 41.9%                 | 0.09     |
| Any Home Positive Pressure Ventilation | 17.7%                 | 11.6%                 | 0.59     |
| (Ventilator or CPAP/BiPAP)             |                       |                       |          |
| Any Diuretics                          | 43.7%                 | 46.5%                 | 0.15     |
| Any Inhaled Steroids                   | 56.3%                 | 55.8%                 | 0.91     |
| Any Pulmonary Vasodilator Medications  | 15.1%                 | 9.3%                  | 0.76     |
| Any Feeding Tube                       | 46.2%                 | 46.5%                 | 0.19     |
| Sick Office or Urgent Care Visits**    | 21.4%                 | 14.0%                 | 0.78     |
|  | (n = 117)             |                       |          |
| Emergency Department Visits**          | 23.3%                 | 9.3%                  | 0.049    |
|  | (n = 116)             |                       |          |
| Hospital Admissions**                  | 19.1%                 | 7.0%                  | 0.15     |
|  | (n = 115)             |                       |          |
| Courses of Systemic Steroids**         | 18.2%                 | 9.3%                  | 0.60     |
|  | (n = 110)             |                       |          |

<sup>\*</sup>P values were generated through logistic regression clustered by center and adjusted for age at which clinical features were ascertained. The p values for age of ascertainment and gestation were generated via t test.

<sup>\*\*</sup>Since NICU discharge or last clinic visit.