**Supplemental table A: Cluster results of significant associations between parent-reported health-related quality of life and functional health – online supplement**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Constant | Unstandardized β | SE | Standardized β | P value | Multiple R2 |
| **Pain and physical symptoms** |  |  |  |  |  |  |
| Medical history |  |  |  |  |  |  |
| *Operations post-Fontan* | 25.73 | -3.51 | 1.66 | -.24 | .038 | 0.06 |
| **Motor functioning** |  |  |  |  |  |  |
| Medical history/course |  |  |  |  |  |  |
| *Age at Fontan completion* | 23.77 | 0.88 | 0.39 | .25 | .028 | 0.16 |
| *Fontan type a* |  | 1.97 | 0.83 | .26 | .021 |  |
| Present medical status |  |  |  |  |  |  |
| *VE/VCO2-slope* | 32.81 | -0.04 | 0.01 | -.34 | .003 | 0.12 |
| **Cognitive functioning** |  |  |  |  |  |  |
| Medical history |  |  |  |  |  |  |
| *Age at Fontan* | 24.05 | 1.15 | 0.52 | .24 | .030 | 0.17 |
| *Dominant ventricle* |  | -3.42 | 1.06 | -.34 | .002 |  |
| Present medical status |  |  |  |  |  |  |
| *VE/VCO2-slope* | 31.73 | -0.04 | 0.02 | -.23 | .038 | 0.12 |
| *Sinus Node Dysfunction b* |  | -2.89 | 1.18 | -.27 | .017 |  |
| **Negative emotional functioning** |  |  |  |  |  |  |
| Medical history |  |  |  |  |  |  |
| *Fontan type* | 10.95 | 1.22 | 0.59 | .24 | .042 | 0.06 |
| Present medical status |  |  |  |  |  |  |
| *End-diastolic volume* | 9.81 | 0.02 | 0.02 | .18 | .159 | 0.15 |
| *Mass/volume ratio* |  | -0.93 | 1.80 | -.07 | .607 |  |
| *Sinus Node Dysfunction b* |  | 1.38 | 0.66 | .25 | .041 |  |

a) = ilt, 1 = ecc, b) 0 = no 1 = yes

**Supplemental** **table B: Cluster results of significant associations between child-reported health-related quality of life and functional health – online supplement**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Constant | Unstandardized β | SE | Standardized β | P value | Multiple R2 |
| **Pain and physical symptoms** |  |  |  |  |  |  |
| Medical history |  |  |  |  |  |  |
| *Operations post-Fontan* | 25.06 | -6.64 | 1.64 | -.42 | <.001 | 0.18 |
| Present medical status |  |  |  |  |  |  |
| *End-diastolic volume* | 19.04 | 0.06 | 0.03 | .22 | .049 | 0.05 |
| **Motor functioning** |  |  |  |  |  |  |
| Present medical status |  |  |  |  |  |  |
| *VE/VCO2-slope* | 31.33 | -0.04 | 0.02 | -.25 | .029 | 0.06 |
| **Cognitive functioning** |  |  |  |  |  |  |
| Present medical status |  |  |  |  |  |  |
| *En- diastolic volume* | 21.67 | 0.06 | 0.03 | .25 | .029 | 0.06 |
| **Social functioning** |  |  |  |  |  |  |
| Medical history |  |  |  |  |  |  |
| *Age* | 20.74 | 0.50 | 0.25 | .22 | .050 | 0.10 |
| *Age at Fontan completion* |  | 1.01 | 0.55 | .20 | .069 |  |
| Present medical status |  |  |  |  |  |  |
| *Age* | 18.15 | 0.53 | 0.24 | .24 | .033 | 0.11 |
| *End-diastolic volume* |  | 0.06 | 0.03 | .23 | .040 |  |
| **Positive emotional functioning** | |  |  |  |  |  |
| Medical history |  |  |  |  |  |  |
| *Age at Fontan* | 11.61 | 0.65 | 0.26 | .28 | .014 | 0.08 |
| Present medical status |  |  |  |  |  |  |
| *Ejection fraction* | 13.23 | 0.06 | 0.03 | .21 | .057 | 0.15 |
| *VE/VCO2-slope* |  | -0.02 | 0.01 | -.28 | .012 |  |