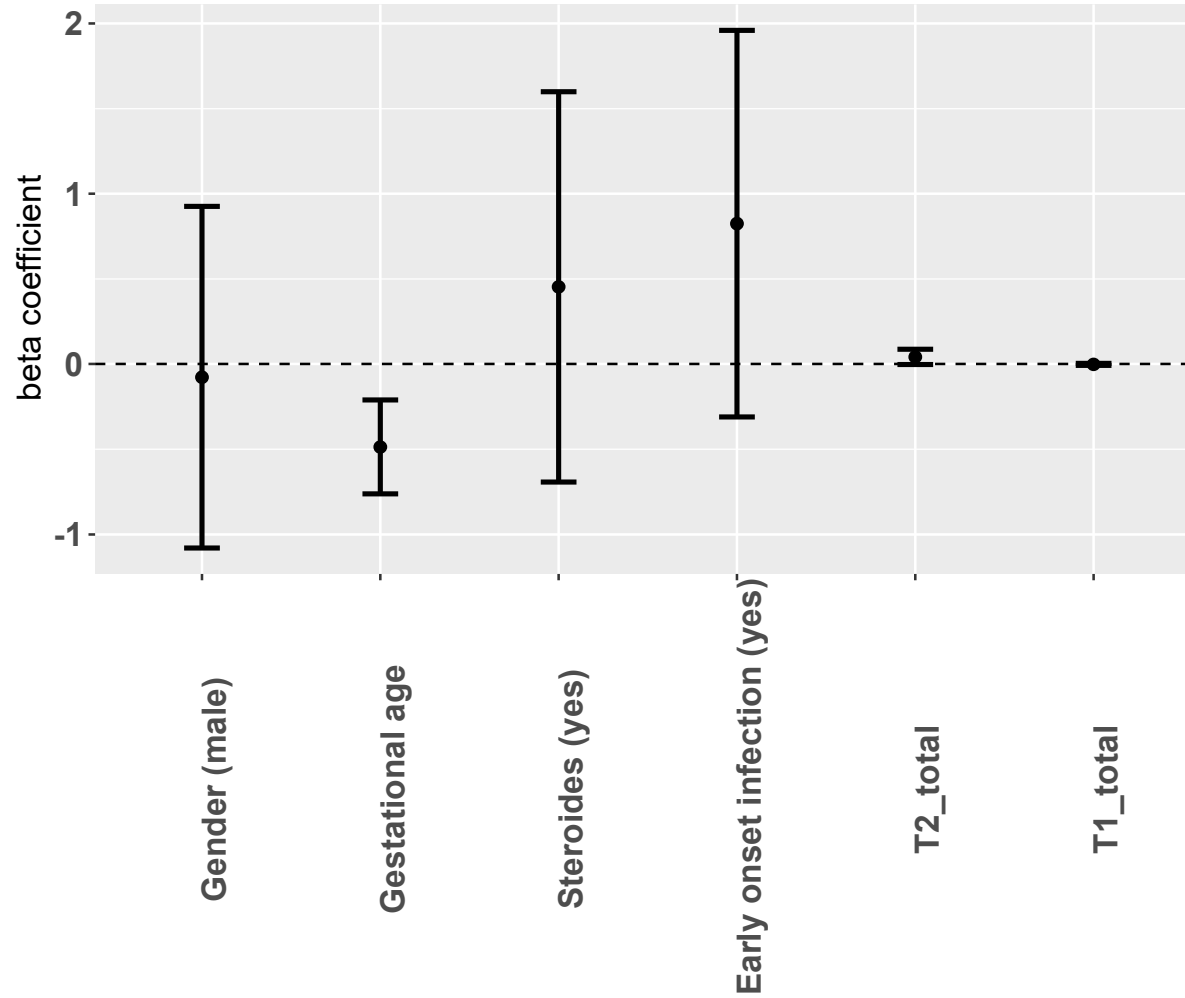


**Figure S1:** Total values of T2 (A) and T1 (B) relaxation times in *milliseconds* representing the overall changes in the lung with respect to BPD grade.

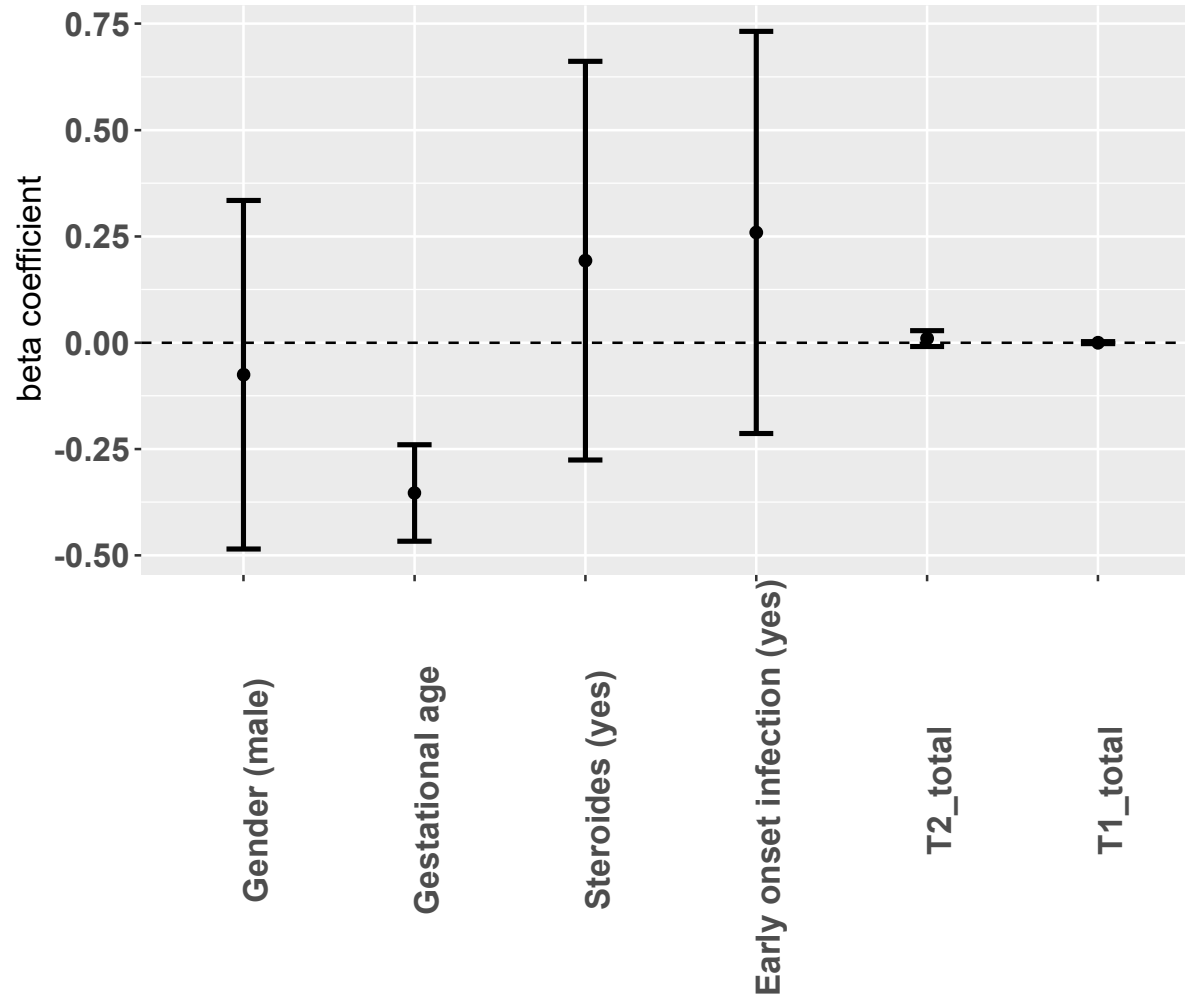
**Figure S2**

95%-confidence intervals for the model estimating the impact of the indicated variables on the duration of oxygen supplementation

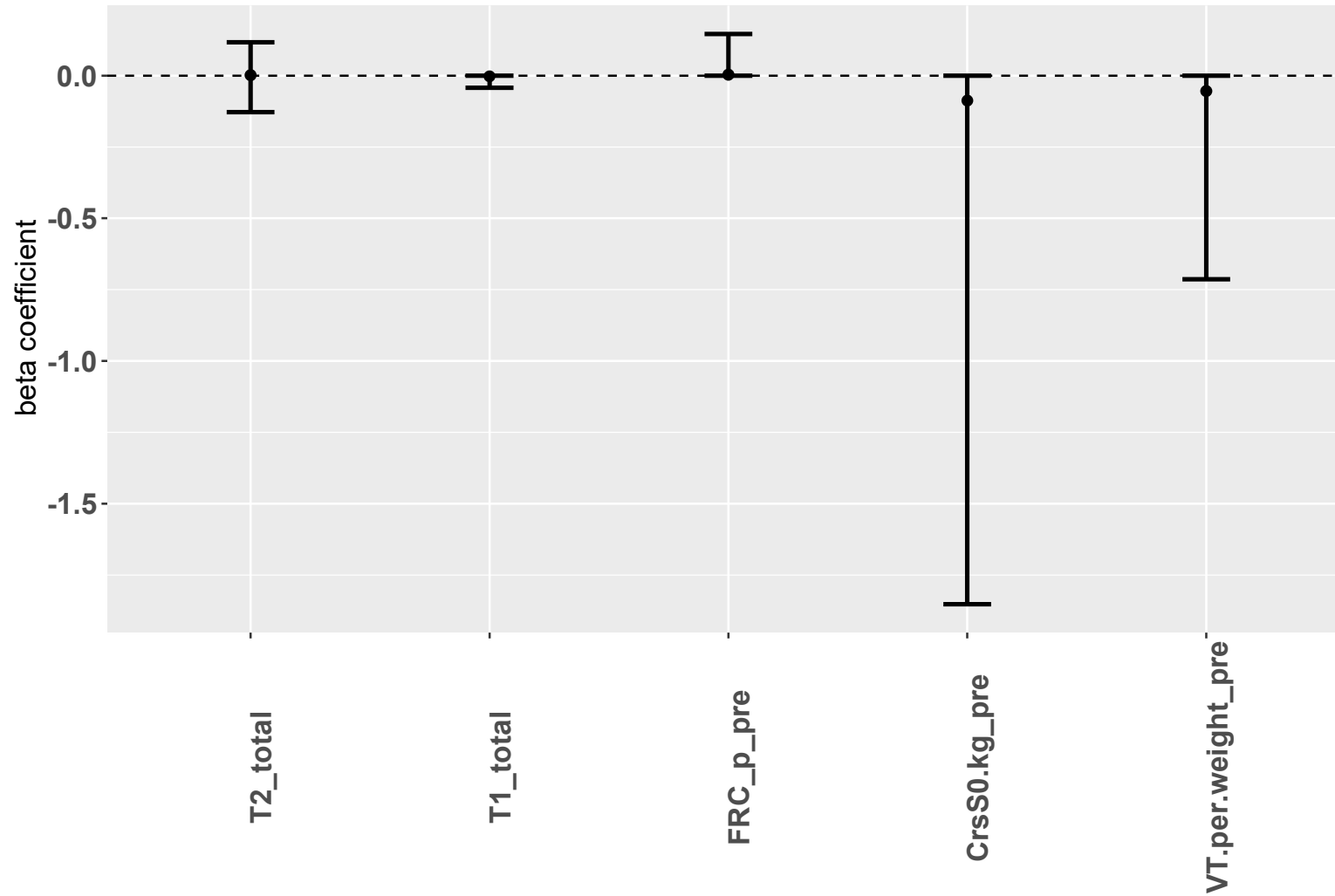


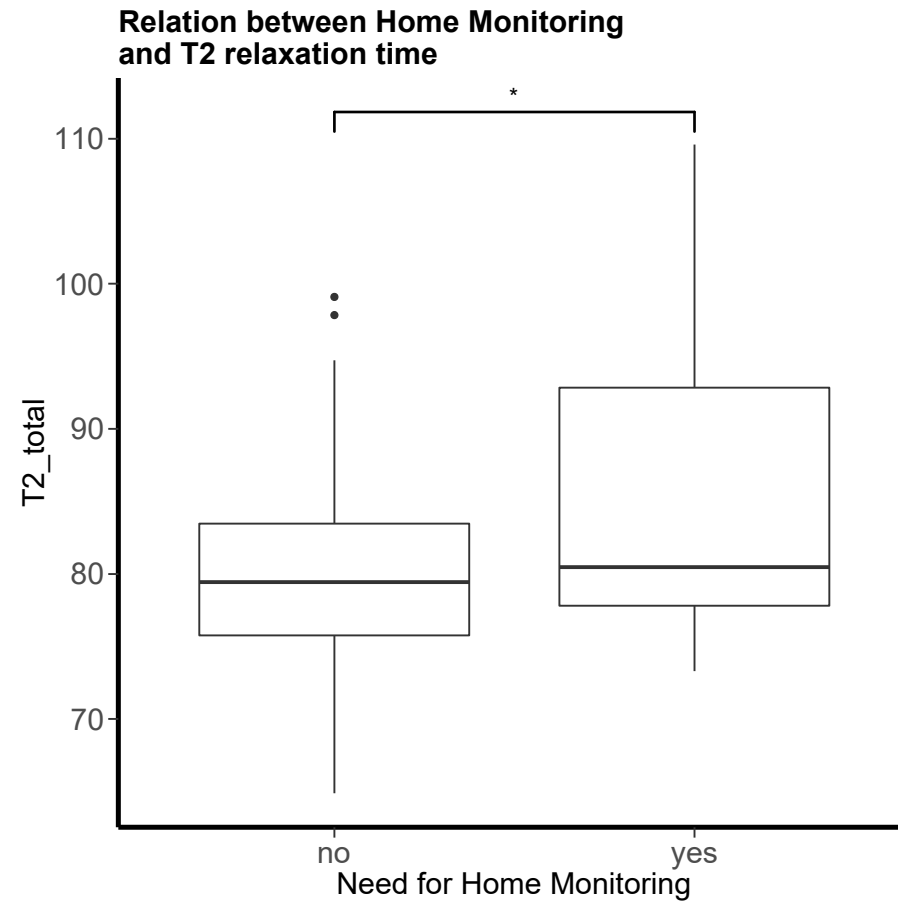
**Figure S3**

95%-confidence intervals for the model estimating the impact of the indicated variables on the duration of mechanical ventilation

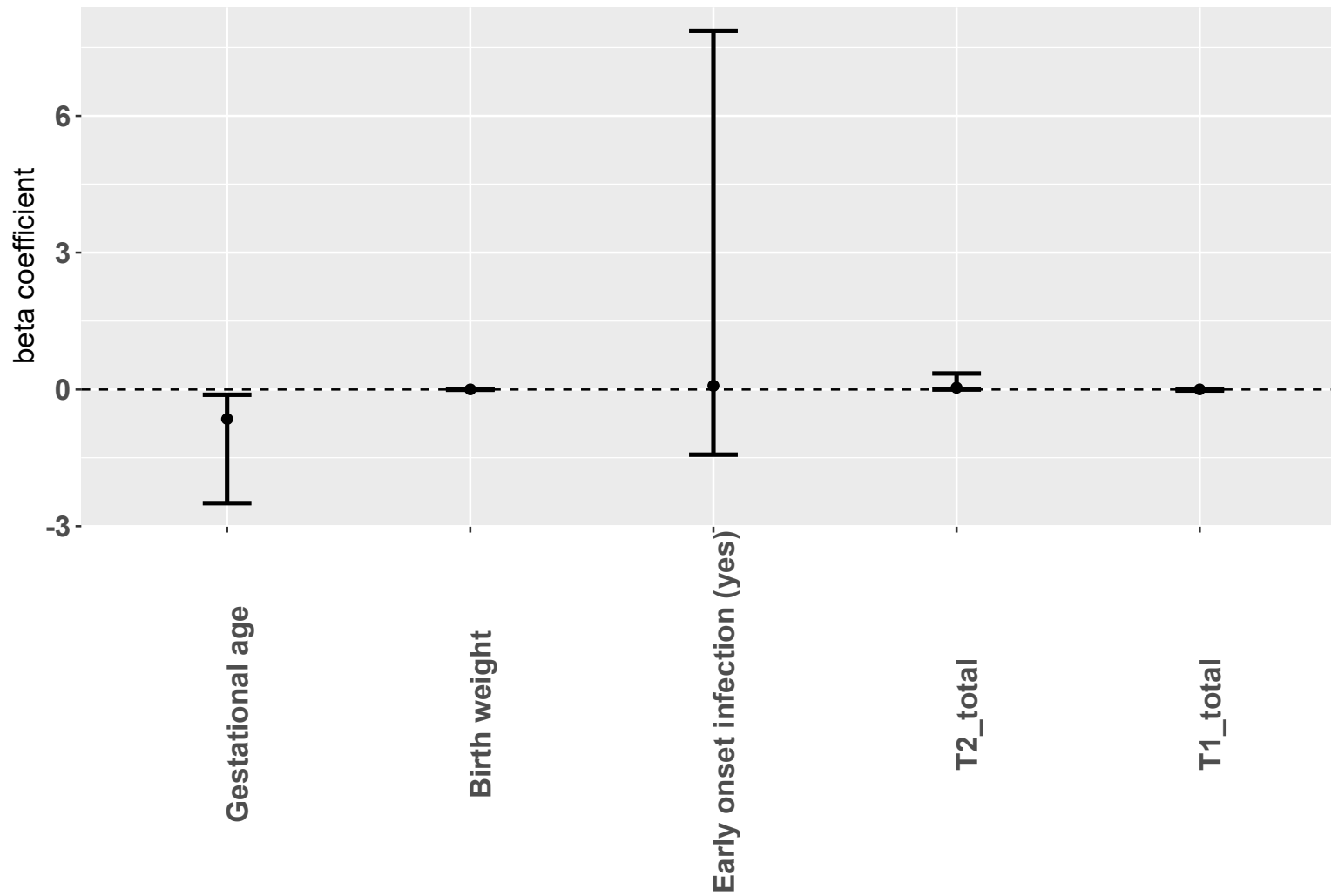


**Figure S4** 95%-Bootstrap-Percentile intervals for the MRI and lung function (LuFu) variables indicated when comparing no (0) BPD to BPD (mild (1), moderate (2) and severe (3))

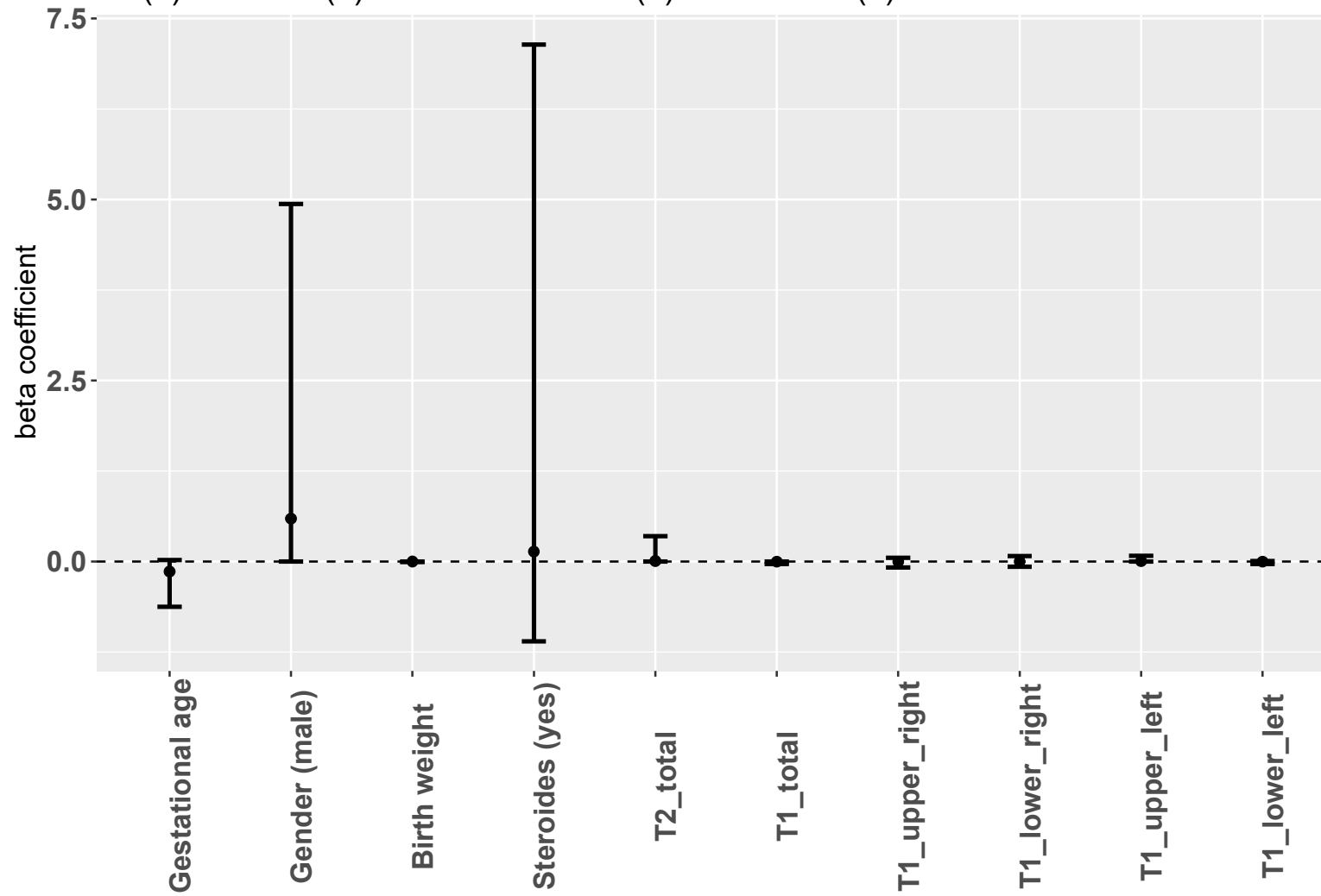


**Figure S5**

**Figure S6** 95%-Bootstrap-Percentile intervals for the MRI variables and the clinical variables indicated when comparing no (0) BPD to BPD (mild (1), moderate (2) and severe (3))

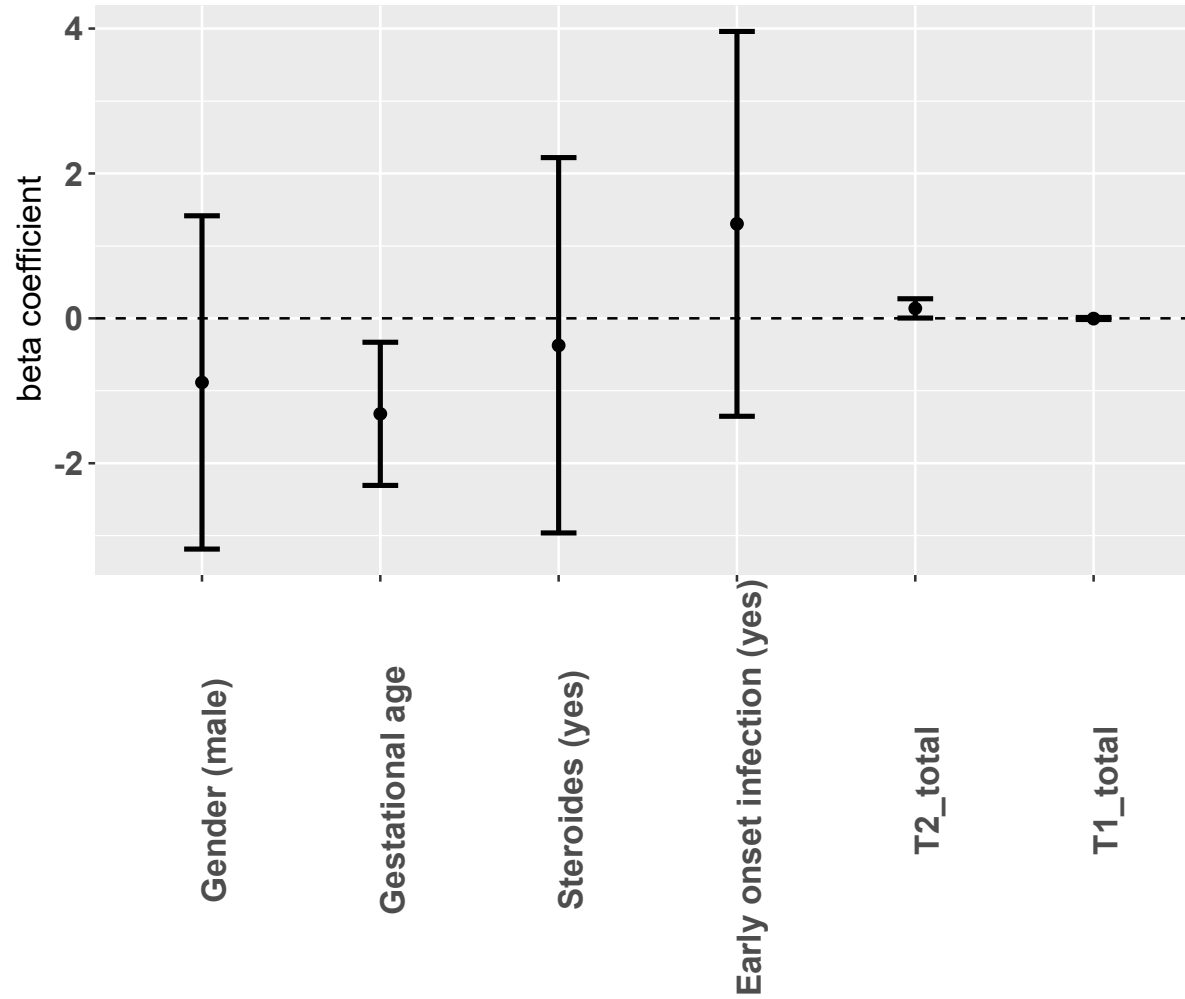


**Figure S7** 95%-Bootstrap-Percentile intervals for the MRI variables and the clinical variables indicated when comparing no (0) and mild (1) BPD to moderate (2) and severe (3) BPD



**Figure S8**

95%-confidence intervals for the MRI and clinical variables indicated when comparing no (0) BPD to BPD (mild (1), moderate (2) and severe (3))





**Figure S9**

95%-confidence intervals for the MRI and clinical variables indicated when comparing no (0) and mild (1) BPD to moderate (2) and severe (3) BPD

