**Supplemental Table 1. Minimum Hemoglobin Effect on Patient Fatigue** (Excluding SC and/or GIB patients, N=666)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Model | Hb Concentration | **Inpatient Fatigue Level** | | | **High Fatigue (FACIT<27)** | | |
| **Β** | **95% CI** | **p** | **OR** | **95% CI** | **p** |
| 1 | Minimum Hb (continuous) | 1.6 | (0.5, 2.7) | **0.005** | 0.9 | (0.7, 1.0) | 0.06 |
| 7g/dL≤Hb<8g/dL\* | -4.2 | (-7.4, -2.1) | **0.002** | 2.0 | (1.3, 2.4) | **0.001** |
| Hb<7g/dL\* | -4.7 | (-6.8, -1.5) | **0.001** | 1.6 | (1.1, 2.4) | **0.01** |
| 2 | Minimum Hb (continuous) | 1.0 | (-0.2, 2.2) | 0.09 | 0.9 | (0.8, 1.1) | 0.35 |
| 7g/dL≤Hb<8g/dL\* | -3.8 | (-6.5, -1.2) | **0.004** | 1.9 | (1.3, 2.8) | **0.001** |
| Hb<7g/dL\* | -3.3 | (-6.2, -0.5) | **0.02** | 1.4 | (0.9, 2.1) | 0.15 |

\*Hb≥8g/dL referent group

**Linear/Logistic Regression Model 1**: Adjusted for age, sex, time of minimum Hb relative to measurement of fatigue, comorbidities

**Linear/Logistic Regression Model 2:** Adjusted for age, sex, time of minimum Hb relative to measurement of fatigue, # of cbc’s drawn during hospitalization, comorbidities

**Comorbidities:** myocardial infarction, congestive heart failure, peripheral vascular disease, cerebrovascular disease, dementia, chronic pulmonary disease, rheumatic disease, peptic ulcer disease, liver disease, diabetes, hemiplegia/paraplegia, renal disease, cancer, depressive disorder

SC=Sickle Cell Anemia

GIB=Gastrointestinal Bleeding