**Supplemental Table S1. Work environment factors and the co-occurrence of health problems among registered nurses (n=170)**

|  |  |
| --- | --- |
|  | Health conditions  β [95%CI] |
|  |  |
| Overall Workload | 0.35 [0.17, 0.54]\*\* |
| Mental demand | 0.08 [-0.08, 0.23] |
| Physical demand | 0.12 [0.01, 0.23]\* |
| Temporal demand | 0.19 [0.07, 0.31]\*\* |
| Frustration demand | 0.19 [0.09, 0.28]\*\* |
| Effort demand | 0.08 [-0.04, 0.20] |
| Performance satisfaction | -0.09 [-0.20, 0.02] |
| Staffing and resource adequacy | -0.14 [-0.44, 0.16] |
| Leadership | -0.30 [-0.69, 0.08] |
| Teamwork climate | -0.42 [ -0.76, -0.09]\* |
| Count of tasks performed by RNs (0-25) | 0.05 [ -0.02, 0.11] |

\*\*P-value<0.01, \*P-value<0.05

The model is run as a linear regression.

All the models ran separately and were adjusted for shift, service, and hospital.