**Appendix Table 2. Sample work-week comparing expected hours (based on resident call cycle), self-report of hours and computed work hours from the computational method.** Self-report by residents was often homogeneous. In contrast, EHR-derived hours often demonstrated heterogeneity as expected with a call-cycle.

| Expected hours | Self-report (hours) | EHR-derived (hours) |
|---|---|---|
| 14-15 | 10.5 | 16.85 |
| 11-12 | 10.5 | 13.87 |
| 9-10 | 10.5 | 11.95 |
| 9-10 | 13.5 | 15.29 |
| 14-15 | 13.5 | 16.33 |
| 11-12 | 13.5 | 16.06 |
| 9-10 | 13.5 | 12.97 |
| Day off | 0 | 0.54 |