Best Places to Nap on Campus

Problem Statement

The goal of this project is to determine the best location on campus to take a nap by measuring:

- Airflow
- Humidity
- Light Intensity
- Sound Intensity
- Temperature

Nap Criteria

<table>
<thead>
<tr>
<th>Nap Criteria</th>
<th>Desirable Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airflow</td>
<td>≤0.3 m/s</td>
</tr>
<tr>
<td>Humidity</td>
<td>40-70% RH</td>
</tr>
<tr>
<td>Light Intensity</td>
<td>≤50 lux</td>
</tr>
<tr>
<td>Sound Intensity</td>
<td>≤40 dB</td>
</tr>
<tr>
<td>Temperature</td>
<td>18-22°C (65-72°F)</td>
</tr>
</tbody>
</table>

*After initial negligible data collection this criteria was dropped

Score | Location
---|---------
10 | Sacred Space
9 | Curry 4th Floor
8 | Curry 1st Floor
7 | Library 4th Floor
6 | Curry 3rd Floor
5 | Library 1st Floor
4 | Library 3rd Floor
3 | Library 2nd Floor
2 | Smyser’s Room
1 | Curry Ground

Conclusion

- Will get best nap in the **Sacred Space** (but make sure you are not disturbing anyone else!)
- Next best options: **Curry 4th Floor** and **Library 4th Floor**
- Improvements can be made for next time