

**Supplementary table 1 The average of IOPs in different periods**

<b>Periods</b> <b>Groups</b>	<b>Total period</b> <b>(0-48 h)</b>	<b>Nocturnal period</b> <b>(08:00 pm-08:00 am)</b>	<b>Diurnal period</b> <b>(08:00 am-08:00 pm)</b>
<b>N-Dark vs. N-Normal (mmHg)</b>	19.0 ± 3.5 vs. 15.8 ± 4.1*	21.9 ± 2.3 vs. 19.6 ± 3.0	16.4 ± 1.7 vs. 12.7 ± 0.6**
<b>N-Dark vs. N-Light (mmHg)</b>	19.0 ± 3.5 vs. 14.7 ± 3.3**	21.9 ± 2.3 vs. 17.8 ± 2.0**	16.4 ± 1.7 vs. 12.0 ± 0.5**
<b>S-Normal vs. CO-Normal (mmHg)</b>	18.5 ± 3.4 vs. 15.6 ± 3.8*	21.7 ± 2.0 vs. 19.2 ± 2.3	15.8 ± 1.2 vs. 12.5 ± 0.5**
<b>S-Light vs. CO-Light (mmHg)</b>	20.8 ± 1.5 vs. 14.7 ± 2.6**	21.3 ± 0.7 vs. 17.2 ± 1.2**	20.3 ± 1.9 vs. 12.5 ± 0.5**

Results are presented as mean ± SD. \*P < 0.05, \*\*P < 0.01.

**Supplementary table 2 the average of IOPs at different time-points**

<b>Time-points</b> <b>Groups</b>	<b>8 h</b>	<b>20 h</b>	<b>32 h</b>	<b>44 h</b>
<b>N-Dark vs. N-Normal (mmHg)</b>	24.2 ± 0.3 vs. 23.5 ± 0.3**	14.1 ± 0.5 vs. 11.8 ± 0.4**	24.9 ± 0.5 vs. 22.7 ± 0.3**	14.4 ± 0.3 vs. 11.9 ± 0.4**
<b>N-Dark vs. N-Light (mmHg)</b>	24.2 ± 0.3 vs. 20.9 ± 0.3**	14.1 ± 0.5 vs. 11.4 ± 0.2**	24.9 ± 0.5 vs. 19.3 ± 0.3**	14.4 ± 0.3 vs. 11.4 ± 0.3**
<b>S-Normal vs. CO-Normal (mmHg)</b>	24.7 ± 0.3 vs. 22.3 ± 0.3**	14.2 ± 0.4 vs. 11.7 ± 0.5**	23.0 ± 0.7 vs. 21.6 ± 0.4**	14.5 ± 0.5 vs. 11.9 ± 0.3**
<b>S-Light vs. CO-Light (mmHg)</b>	22.0 ± 0.4 vs. 19.5 ± 0.2**	20.7 ± 0.5 vs. 12.2 ± 0.3**	21.8 ± 0.4 vs. 17.3 ± 0.4**	21.0 ± 0.3 vs. 11.9 ± 0.3**

Results are presented as mean ± SD. \*\*P < 0.01.