**Supplemental Table 1. Patient reported severity and bothersomeness of photic phenomena; comparison of Alcon Vivity (DAT015) and Bausch & Lomb enVista monofocal (MX60E) results from the present study to the Alcon Acrysof monofocal (SN60WF) results from the Vivity registration trial.**

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| *Subjects’ reporting upon presence and severity of photic phenomena* |
|  | **Alcon Acrysof Vivity DAT015 (N = 24)** | **Bausch & Lomb enVista MX60E (N = 27)** | **Alcon Acrysof SN60WF (N = 113)** |
| **Visual disturbance** | **Proportion Reporting ‘None’ (%)** |
| Starbursts | 91.7 | 77.8 | 61.8 |
| Halos | 62.5 | 74.1 | 82.7 |
| Glare | 54.2 | 70.4 | 73.0 |
| Hazy vision | 83.3 | 88.9 | 86.5 |
| Blurred vision | 83.3 | 92.6 | 80.2 |
| Double vision | 95.8 | 100 | 99.1 |
| Dark area *Negative dysphotopsia* | 87.5 | 88.9 | 86.5 |
| *Subjects’ reporting on bothersomeness of photic phenomena* |  |
| **Visual disturbance** | **Proportion Reporting ‘Not at all bothered’ (%)** |
| Starbursts | 91.7 | 81.5 | 71.8 |
| Halos | 79.2 | 88.9 | 89.1 |
| Glare | 59 | 70.4 | 84.0 |
| Hazy vision | 84 | 92.6 | 88.3 |
| Blurred vision | 83.4 | 92.6 | 80.2 |
| Double vision | 95.8 | 100 | 99.1 |
| Dark area *Negative dysphotopsia* | 91.7 | 92.6 | 90.1 |

**Supplemental Table 2. Patient reported dependence upon glasses by distance and lighting condition; comparison of Bausch & Lomb enVista monofocal (MX60E) results from the present study to the Alcon Acrysof monofocal (SN60WF) results from the Vivity registration trial.**

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| *Proportion of subjects rarely or never needing glasses:* |
| **Condition** |  | **Bausch & Lomb enVista MX60E (N = 27)****%** | **Alcon Acrysof SN60WF (N = 113)****%** |
| Overall |  | 18.5 | 17.1 |
| Bright light | Distance (‘far away’) | 96.3 | 91.9 |
| Intermediate (‘at arms length’) | 44.4 | 57.6 |
| Near (‘up close’) | 33.3 | 16.2 |
| Dim light | Distance (‘far away’) | 77.8 | 89.2 |
| Intermediate (‘at arms length’) | 33.3 | 53.1 |
| Near (‘up close’) | 7.4 | 10.8 |
| *Proportion of subjects reporting ‘Good’ or ‘Very Good’ vision without glasses:* |
| Bright light | Distance (‘far away’) | 85.2 | 92.2 |
| Intermediate (‘at arms length’) | 59.3 | 62.9 |
| Near (‘up close’) | 25.9 | 24.8 |
| Dim light | Distance (‘far away’) | 74.1 | 77.8 |
| Intermediate (‘at arms length’) | 40.7 | 50.6 |
| Near (‘up close’) | 11.1 | 7.8 |