

# **Achromatic and Chromatic Contrast Discrimination in Patients with Type 2 Diabetes**

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**Table S1** Multiple linear regression analysis of the contrast sensitivity thresholds in four spatial frequency conditions after adjusting for age and cataract effects

| Group      | Stimulus Condition |       |                |         |       |                |         |       |                |         |       |                |
|------------|--------------------|-------|----------------|---------|-------|----------------|---------|-------|----------------|---------|-------|----------------|
| Comparison | $\beta$            | SE    | <i>P</i> value | $\beta$ | SE    | <i>P</i> value | $\beta$ | SE    | <i>P</i> value | $\beta$ | SE    | <i>P</i> value |
| control    | sf 3               |       |                | sf 6    |       |                | sf 12   |       |                | sf 18   |       |                |
| no-DR      | -0.137             | 0.079 | 0.087          | -0.033  | 0.097 | 0.735          | -0.077  | 0.103 | 0.454          | -0.057  | 0.091 | 0.533          |
| NPDR       | -0.107             | 0.100 | 0.289          | -0.217  | 0.126 | 0.089          | -0.319  | 0.134 | 0.019*         | -0.141  | 0.119 | 0.240          |
| PDR        | -0.335             | 0.122 | 0.008*         | -0.567  | 0.153 | < 0.001*       | -0.867  | 0.163 | < 0.001*       | -0.862  | 0.145 | <0.001*        |

Data of the controls (n=38) were used as the baseline for comparison with those of the diabetic patients with no-DR (n=21), NPDR (n=10), and PDR (n=4). \*: indicates significant p values ( $p < 0.05$ ). sf: spatial frequency. The data of contrast sensitivity thresholds in log scale were obtained from the CSV-1000 test.