Supplemental Table 1. Changes in eyelid position, proptosis, and CAS pre- and post-teprotumumab infusions. A negative change in MRD1 value indicates a lower MRD1 height, while a negative change in MRD2 value indicates a more elevated lower eyelid. Proptosis was measured by Hertel exophthalmometry. A negative proptosis reduction value indicates worse exophthalmos.

| Patient | Change in eyelid position (mm) | Proptosis reduction (mm) | CAS |
|---------|--------------------------------|--------------------------|-----|
|         | Study orbit | Non-study orbit | Study orbit | Non-study orbit | Pre | Post |
| 1       | -2.0        | 0.0             | -0.5        | -1.0             | 4.0 | 5.0  | 1   | 1   |
| 2       | 1.7         | -1.9            | -0.5        | -0.6             | 6.0 | 3.5  | 2   | 0   |
| 3       | 0.5         | 0.7             | 1.9         | 0.8              | 7.0 | 4.5  | 7   | 0   |
| 4       | 0.7         | 0.8             | 0.6         | 1.9              | 4.5 | 3.0  | 6   | 3   |
| 5       | -1.6        | -0.1            | -1.4        | 0.2              | 2.0 | 2.5  | 3   | 2   |
| 6       | -2.5        | 0.0             | -2.5        | 0.3              | 3.0 | -1.5 | 6   | 3   |
| 7       | -1.5        | -2.0            | -2.0        | 0.0              | 3.5 | 2.0  | 5   | 2   |
| 8       | -2.0        | 0.7             | -1.0        | 0.4              | 8.0 | 5.0  | 9   | 4   |
| Mean:   | -0.84       | -0.23           | -0.65       | 0.25             | 4.75| 3.00 | 4.88| 1.88|