### Supplementary Table 2. Comparison of characteristics of subjects with CP according to the presence of preoperative hypothalamic symptom

| Variable                              | Negative (n=32) | Positive (n=16) | p-value |
|---------------------------------------|-----------------|-----------------|---------|
| Age (years)                           | 49.2±13.0       | 48.0±13.3       | 0.769   |
| Male                                  | 18 (56.2)       | 9 (56.2)        | 1.000   |
| Preoperative body weight (kg)         | 68.0±12.3       | 65.8±10.8       | 0.551   |
| Preoperative BMI (kg/m²)              | 25.4±3.6        | 24.5±3.4        | 0.407   |
| Postoperative body weight (kg)        | 70.3±12.1       | 70.2±11.5       | 0.981   |
| Body weight change (kg)               | 2.3±4.7         | 4.3±5.7         | 0.183   |
| Weight change per month (kg/month)    | 0.7±1.7         | 1.5±1.9         | 0.158   |
| % body weight change                  | 3.2±6.1         | 5.9±8.0         | 0.191   |
| Follow-up duration (days)             | 91.3±17.9       | 89.9±14.3       | 0.786   |
| Postoperative steroid user            | 28 (87.5)       | 15 (93.8)       | 0.867   |
| Daily steroid dose (mg/day)           | 14.4±7.8        | 16.2±7.2        | 0.425   |
| Cumulative steroid dose (mg)          | 1306.7±699.8    | 1436.2±641.5    | 0.538   |
| Tumor volume (cm³)                    | 3.29±2.96       | 12.68±10.78     | 0.005   |
| Number of preoperative hormone deficiency |                  |                 | 0.641   |
| 0                                     | 12 (37.5)       | 3 (18.8)        |         |
| 1                                     | 5 (15.6)        | 3 (18.8)        |         |
| 2                                     | 3 (9.4)         | 2 (12.5)        |         |
| 3                                     | 1 (3.1)         | 0 (0.0)         |         |
| 4                                     | 11 (34.4)       | 8 (50.0)        |         |
| Number of postoperative hormone deficiency |                  |                 | 0.108   |
| 0                                     | 4 (12.5)        | 1 (6.2)         |         |
| 1                                     | 0 (0.0)         | 2 (12.5)        |         |
| 2                                     | 0 (0.0)         | 0 (0.0)         |         |
| 3                                     | 0 (0.0)         | 0 (0.0)         |         |
| 4                                     | 28 (87.5)       | 13 (81.2)       |         |
| Preoperative Puget classification     |                 |                 | 0.004   |
| 0                                     | 2 (6.2)         | 1 (6.2)         |         |
| 1                                     | 15 (46.9)       | 0 (0.0)         |         |
| 2                                     | 15 (46.9)       | 15 (93.8)       |         |

Values are presented as mean±standard deviation or number (%). CP : craniopharyngioma, BMI : body mass index

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