**Supplementary Table 1: Comparison of patient demographics and baseline characteristics between patients with included (prolactin level >10,000 mU/L) and excluded (prolactin level <10,000 mU/L) prolactin secreting tumours**

*P value calculated using Mann-Whitney U test.* For *differences in patient gender and Knosp grade, p value determined using Fisher’s exact test (\*).*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Demographic/ biochemical** **parameter**  | **Prolactin >10,000 mU/L** **(N=16)** | **Prolactin <10,000 mU/L****(N=12)** |  | **P value** |
| **Median age, yrs** **(IQR)** | 44.1 (32-56) | 36.9(26-51) |  | <0.001 |
| **Sex, N** | **Male** | 11 | 6 |  | 0.27\* |
| **Female** | 5 | 6 |
| **Median tumour size cm3**  **(IQR)**  | 7.96 (3.1-17.2) | 0.32(0.2-3.2) |  | <0.001 |
| **Knosp****Grade, N** | *0* | 0 | *0* | 5 |  | <0.001\* |
| *I* | 1 | *I* | 4 |
| *II* | 5 | *II* | 2 |
| *III* | 1 | *III* | 1 |
| *IV* | 9 | *IV* | 0 |
| **Median serum prolactin mU/L (IQR)** | 30461(17400-90000) | 2328(1925-4107) |  | <0.001 |