Supplementary Material 1 - The $\eta$ Value

We show how the $\eta$ value improves the Dunn Index. The $\eta$ value selected for the embedding of the Endometrial cancer was 19000. It is the value with the highest Dunn Index as shown in figure S1

**Figure S1. Endometrium Cancer:** How the $\eta$ value affects the value for the Dunn Index