*Supplementary Material for* Chatzigeorgiou A, Harokopos V, Mylona-Karagianni C, Tsouvalas E, Aidinis V, Kamper E. The pattern of inflammatory/anti-inflammatory cytokines and chemokines in type 1 diabetic patients over time. Ann Med, 2010;42:426–438.

Supplementary Table I. Cluster validity using Cophenetic correlation coefficient (CPCC) and normalized sum of squared differences (SSDifN) as measure to compare the performance of hierarchical clustering algorithms.

|  | Algorithm | SSDifN | CPCC |
|---|---|---|---|
| Diabetic Patients | Between Subjects | 0.103184 | 0.834831 |
|  | Within Subjects | 0.271896 | 0.700247 |
|  | Nearest Neighbor | 0.643360 | 0.639507 |
|  | Furthest Neighbor | 0.388202 | 0.758817 |
|  | Wards | 0.983039 | 0.975437 |
| Healthy Subjects | Between Subjects | 0.121946 | 0.820519 |
|  | Within Subjects | 0.259024 | 0.758968 |
|  | Nearest Neighbor | 0.802930 | 0.654997 |
|  | Furthest Neighbor | 0.382690 | 0.788598 |
|  | Wards | 1.047751 | 0.967184 |
| Group 1(Diabetesduration ≤6 months) | Between Subjects | 0.170962 | 0.708789 |
|  | Within Subjects | 0.271223 | 0.671071 |
|  | Nearest Neighbor | 0.896990 | 0.504029 |
|  | Furthest Neighbor | 0.480892 | 0.680536 |
|  | Wards | 0.849087 | 0.988117 |
| Group 2(Diabetesduration >6 months) | Between Subjects | 0.038541 | 0.936339 |
|  | Within Subjects | 0.234906 | 0.755073 |
|  | Nearest Neighbor | 0.264163 | 0.798423 |
|  | Furthest Neighbor | 0.170388 | 0.902074 |
|  | Ward's | 6.100064 | 0.881176 |