**Table S2** – Correlations between magnitude of blood cell parameters changes during first days of newly diagnosed type 1 diabetes treatment and clinical parameters.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Age at onset [years]** | **HCO3- [mmol/L]** | **BE [mEq/L]** | **Time between the blood tests measurements [days]** | **Urine specific gravity [kg/L]** | **DDI [units/kg]** |
| **DKA** | **R** | **P value** | **R** | **P value** | **R** | **P value** | **R** | **P value** | **R** | **P value** | **R** | **P value** |
| Delta RBC [1012/L] | **-0.38** | **0.0013** | **0.32** | **0.0073** | **0.42** | **0.0003** | -0.09 | 0.4690 | 0.01 | 0.9470 | -0.04 | 0.7593 |
| Delta Hct [%] | **-0.42** | **0.0003** | **0.30** | **0.0108** | **0.41** | **0.0004** | -0.05 | 0.6943 | <0.01 | 0.9979 | -0.06 | 0.6635 |
| Delta Hb [g/dL] | **-0.38** | **0.0013** | **0.32** | **0.0073** | **0.42** | **0.0003** | -0.09 | 0.4690 | 0.01 | 0.9470 | -0.04 | 0.7593 |
| Delta MCV [fL] | -0.12 | 0.3348 | **0.25** | **0.0352** | **0.27** | **0.0224** | 0.13 | 0.2845 | -0.17 | 0.3760 | -0.01 | 0.9359 |
| Delta PLT [103/µL] | -0.22 | 0.0666 | 0.23 | 0.0571 | **0.26** | **0.0331** | 0.05 | 0.6758 | -0.23 | 0.2324 | -0.01 | 0.9279 |
| Delta WBC [103/µL] | **-0.24** | **0.0441** | **0.50** | **<0.0001** | **0.59** | **<0.0001** | -0.20 | 0.1002 | -0.17 | 0.3754 | 0.02 | 0.9039 |
| **No-DKA** | **R** | **P value** | **R** | **P value** | **R** | **P value** | **R** | **P value** | **R** | **P value** | **R** | **P value** |
| Delta RBC [1012/L] | 0.10 | 0.2111 | 0.12 | 0.1256 | 0.13 | *0.0994* | -0.07 | 0.3980 | -0.08 | 0.4853 | -0.15 | 0.1333 |
| Delta Hct [%] | 0.06 | 0.4843 | 0.10 | 0.2002 | 0.14 | *0.0798* | -0.01 | 0.8681 | -0.18 | 0.1304 | -0.12 | 0.2487 |
| Delta Hb [g/dL] | 0.11 | 0.1754 | 0.12 | 0.1241 | 0.14 | *0.0800* | -0.04 | 0.6448 | -0.07 | 0.5784 | -0.16 | 0.1035 |
| Delta MCV [fL] | -0.06 | 0.4785 | -0.08 | 0.3147 | -0.07 | 0.3583 | **0.16** | **0.0443** | -0.04 | 0.7657 | -0.03 | 0.7290 |
| Delta PLT [103/µL] | 0.08 | 0.3248 | 0.07 | 0.3547 | 0.14 | 0.0862 | -0.10 | 0.2181 | -0.19 | 0.1038 | 0.05 | 0.6280 |
| Delta WBC [103/µL] | 0.06 | 0.4573 | **0.16** | **0.0421** | **0.19** | **0.0178** | **-0.18** | **0.0226** | -0.10 | 0.3919 | 0.07 | 0.5052 |