



Figure S2. Comparison lymphocyte subsets between ICU COVID-19 patients (1A,2A,3A,4A,5A,6A,7A) and non-ICU COVID-19 patients (1B,2B,3B,4B,5B,6B,7B): blue - lymphocytes T CD3+; orange - lymphocytes CD3+CD4+; pink - lymphocytes CD3+CD8+, red - lymphocytes T regulatory.

1A – ICU patient’s lymphocytes T CD3+CD4+ vs **1B** – non - ICU patient’s lymphocytes T CD3+CD4+.

2A – ICU patient’s lymphocytes T CD3+CD8+ vs **2B** – non - ICU patient’s lymphocytes T CD3+CD8+.

3A – ICU patient’s lymphocytes T CD3+CD4+ subpopulations: CD3+CD4+CD45RA+ and CD3+CD4+CD45RO+ vs **3B** – non - ICU patient’s lymphocytes T CD3+CD4+ subpopulations: CD3+CD4+CD45RA+ and CD3+CD4+CD45RO+.

4A – ICU patient’s lymphocytes T CD3+CD8+ subpopulations: CD3+CD8+CD45RA+ and CD3+CD8+CD45RO+ vs **4B** – non - ICU patient’s lymphocytes T CD3+CD8+ subpopulations: CD3+CD8+CD45RA+ and CD3+CD8+CD45RO+.

5A – ICU patient’s lymphocytes T regulatory CD3+CD4+CD25+CD127low+ vs **5B** – non - ICU patient’s lymphocytes T regulatory CD3+CD4+CD25+CD127low+.

6A – ICU patient’s lymphocytes T regulatory subpopulations: CD3+CD4+CD25+CD127low+CD45RA+ and CD3+CD4+CD25+CD127low+CD45RO+ vs **6B** – non - ICU patient’s lymphocytes T regulatory subpopulations: CD3+CD4+CD25+CD127low+CD45RA+ and CD3+CD4+CD25+CD127low+CD45RO+.

7A – ICU patient’s lymphocytes T CD3+TCR $\alpha\beta$ + and lymphocytes T CD3+TCR $\gamma\delta$ + vs **7B** – non - ICU patient’s lymphocytes T CD3+TCR $\alpha\beta$ + and lymphocytes T CD3+TCR $\gamma\delta$ +.

8A – ICU patient’s NK cells (double positive CD56+CD16+) vs **8B** – non - ICU patient’s NK cells (double positive CD56+CD16+).