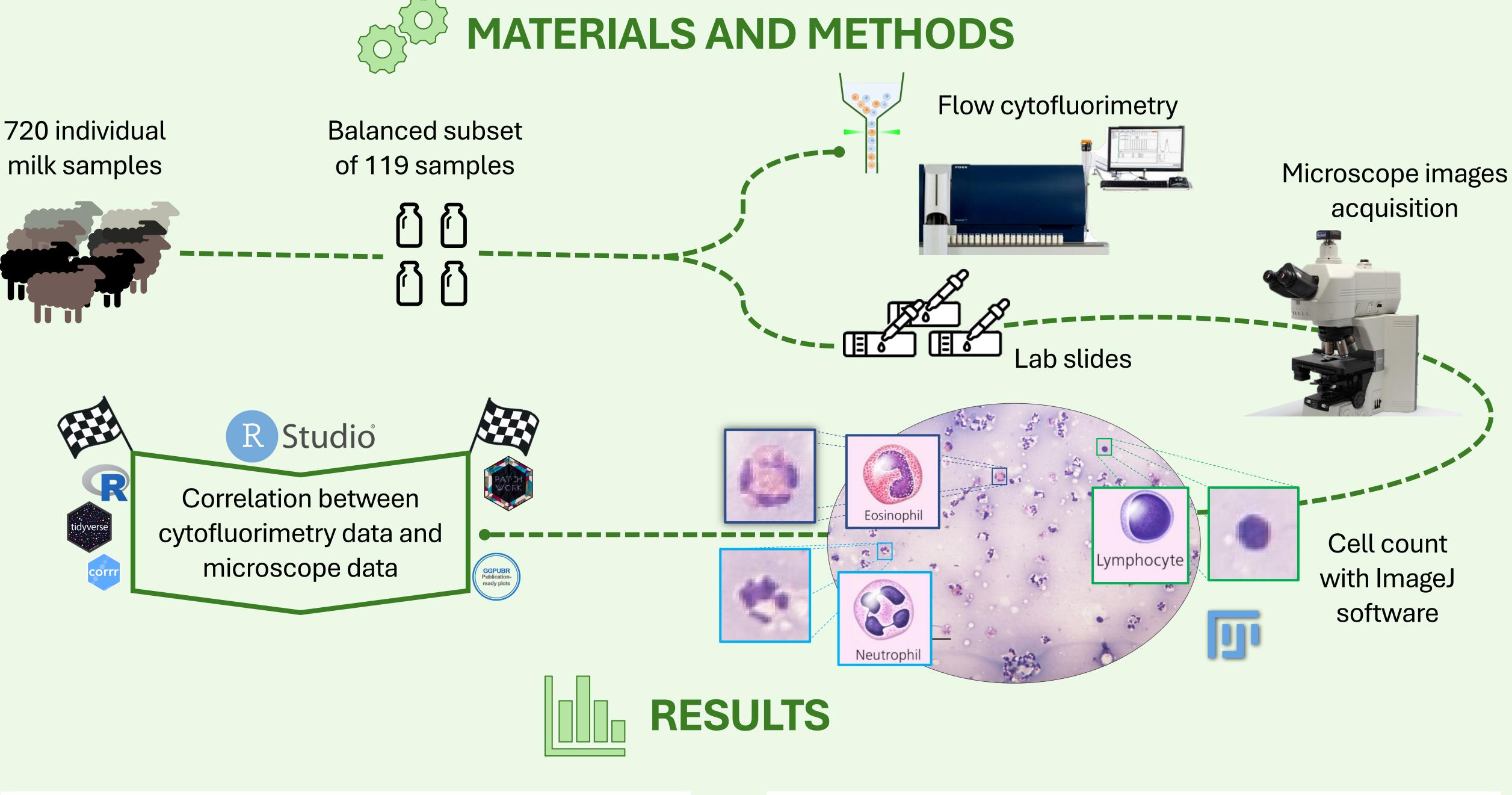


Validate the possibile use of flow cytofluorimetry for the determination of differential somatic cell count (DSCC) in two sheep breeds by comparing the results with DSCC obtained by histological methods and electron microscopy



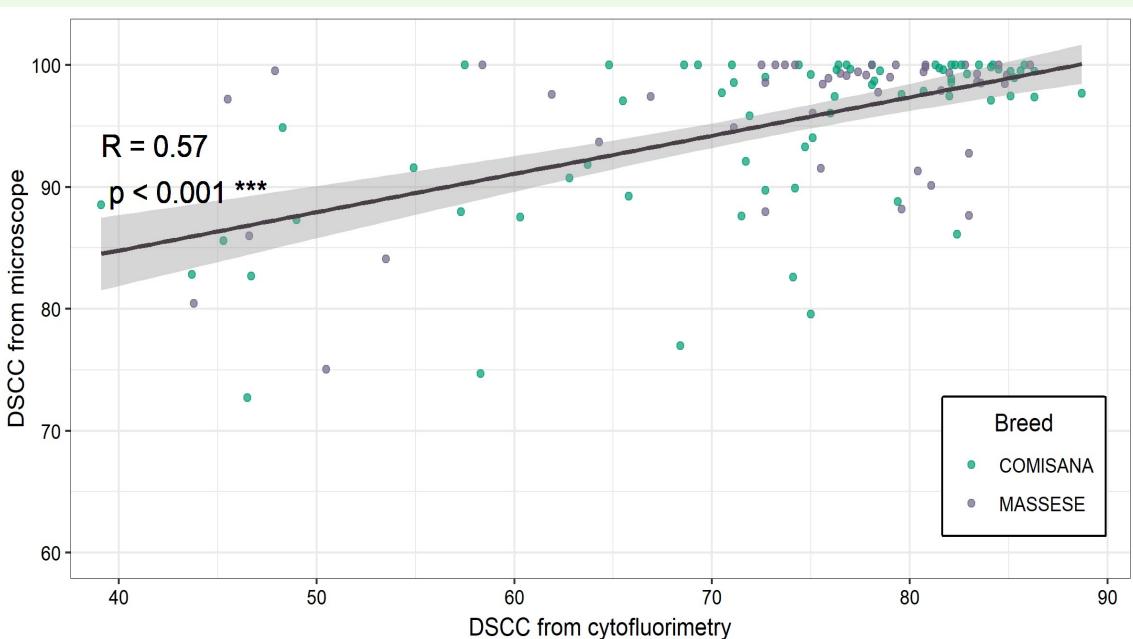


Figure 1. Pearson correlation between cytofluorimetry DSCC and microscope DSCC

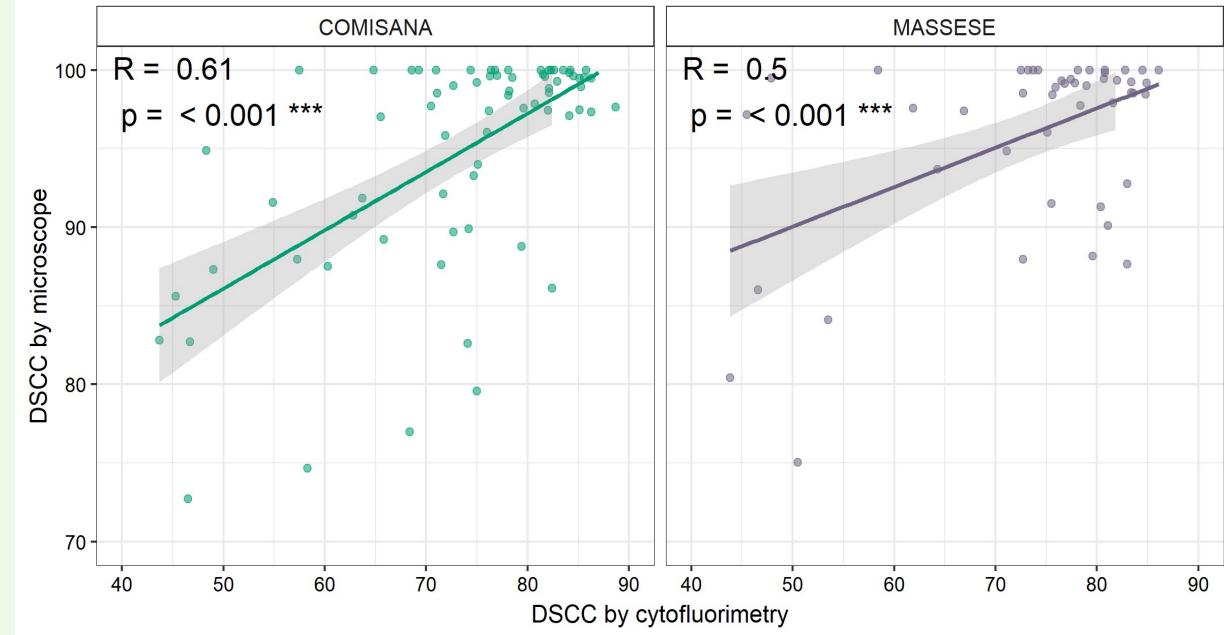
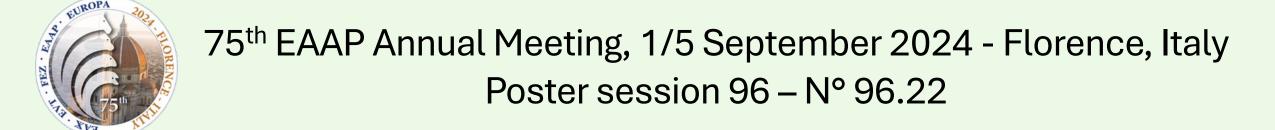


Figure 2. Pearson correlations between cytofluorimetry DSCC and microscope DSCC within breed



CONCLUSIONS

- Flow cytofluorimetry confirmed its potential as toll for DSCC determination in sheep milk
- Need of further investigations combined with new techniques for cell counting (i.e. Al, machine learning)





BMTH