

**Figure S1.**

**Table S1** Principal component analysis of polyphenolics and antioxidant activities in N*. officinale*

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| --- | --- | --- | --- |
| Variables  | PC1 | PC2 | PC3 |
| Variance (%) | 54.48 | 30.19 | 8.54 |
| Cumulative (%)  | 54.48 | 84.39 | 91.46 |
| Eigen values | 7.03 | 3.94 | 1.06 |
| TPC | 0.767 | -0.622 | -0.014 |
| TFC | 0.531 | -0.837 | 0.009 |
| CA | 0.413 | 0.653 | -0.171 |
| FA | 0.554 | 0.380 | 0.709 |
| pCA | 0.913 | 0.223 | 0.128 |
| GA | 0.934 | 0.230 | 0.132 |
| QE | 0.656 | 0.687 | -0.305 |
| KEM | 0.841 | 0.395 | 0.166 |
| RUT | 0.843 | 0.368 | 0.351 |
| DPPH | -0.825 | 0.487 | -0.077 |
| H2O2 | 0.781 | 0.374 | -0.487 |
| FRAP | 0.689 | -0.716 | -0.036 |
| PMCA | 0.633 | -0.729 | -0.064 |