**Table S2. “Phenotype – genotype” covariation of two blocks of principal components.**

|  |  |  |
| --- | --- | --- |
| Axes | Bicomponents’ pair covariation | % |
| **1** | **2.1683** | **45.764** |
| **2** | **1.9315** | **36.314** |
| **3** | **1.0425** | **10.578** |
| 4 | 0.7768 | 5.8738 |
| 5 | 0.32983 | 1.0589 |
| 6 | 0.17988 | 0.31498 |
| 7 | 0.090539 | 0.079795 |
| 8 | 0.041 | 0.016363 |