**Table S1.** The correlation r2 and *p*-values between flavonoid compounds and proinflammatory mediators or cytokines.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Nitrite | | PGE2 | | iNOS | | COX-2 | | IL-6 | | IL-1β | | TNF-α | |
|  | r² | *p-*value | r² | *p-*value | r² | *p-*value | r² | *p-*value | r² | *p-*value | r² | *p-*value | r² | *p-*value |
| α-amyrin | 0.572 | 0.018 | 0.134 | 0.332 | 0.500 | 0.033 | 0.523 | 0.028 | 0.214 | 0.210 | 0.274 | 0.148 | 0.253 | 0.168 |
| β-amyrin | 0.585 | 0.016 | 0.131 | 0.338 | 0.491 | 0.035 | 0.519 | 0.028 | 0.227 | 0.194 | 0.288 | 0.136 | 0.269 | 0.152 |
| Chlorogenic acid | 0.081 | 0.457 | 0.023 | 0.696 | 0.401 | 0.067 | 0.426 | 0.057 | 0.007 | 0.826 | 0.039 | 0.612 | 0.189 | 0.243 |
| 4-methylcatechol | 0.253 | 0.167 | 0.000 | 0.983 | 0.323 | 0.111 | 0.291 | 0.134 | 0.060 | 0.525 | 0.146 | 0.310 | 0.384 | 0.075 |
| p-coumaric acid | 0.248 | 0.172 | 0.031 | 0.653 | 0.306 | 0.123 | 0.389 | 0.073 | 0.023 | 0.697 | 0.113 | 0.377 | 0.360 | 0.088 |
| Rutin | 0.000 | 0.982 | 0.000 | 0.999 | 0.337 | 0.102 | 0.252 | 0.169 | 0.022 | 0.704 | 0.015 | 0.755 | 0.019 | 0.724 |