

# PhaseIII spearmans correlation all features

|                         | Java       | Python     | C#         | JavaScript | C          | C++        | php        | Quality characteristics |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|-------------------------|
| Java                    | 1          | -0.0890871 | 0.17291713 | 0.15617376 | 0          | 0.04052204 | 0          | -0.041650601            |
| Python                  | -0.0890871 | 1          | 0.12323746 | 0.06028995 | -0.0641941 | 0.0794198  | -0.1444869 | 0.30921087              |
| C#                      | 0.17291713 | 0.12323746 | 1          | 0.41107791 | 0.15690377 | 0.47413732 | 0.09348254 | 0.012003504             |
| JavaScript              | 0.15617376 | 0.06028995 | 0.41107791 | 1          | 0.03334375 | 0.1286791  | 0.24561669 | 0.189721321             |
| C                       | 0          | -0.0641941 | 0.15690377 | 0.03334375 | 1          | 0.24981573 | -0.0118048 | -0.293177195            |
| C++                     | 0.04052204 | 0.0794198  | 0.47413732 | 0.1286791  | 0.24981573 | 1          | 0.0477972  | -0.099859578            |
| php                     | 0          | -0.1444869 | 0.09348254 | 0.24561669 | -0.0118048 | 0.0477972  | 1          | 0.056292922             |
| Quality characteristics | -0.0416506 | 0.30921087 | 0.0120035  | 0.18972132 | -0.2931772 | -0.0998596 | 0.05629292 | 1                       |