

Table S1. Statistical comparisons of *E. coli* adhesion to different substrates using Dunn's multiple comparison test at $\alpha = 0.05$

| Pairwise | No wash | | After wash | |
|-----------------------------------|-----------------|-------------------|-----------------|-------------------|
| | Mean rank diff. | Significance test | Mean rank diff. | Significance test |
| F vs. F _p | 13.92 | Not Significant | 32.00 | ** |
| F vs. F _f | 23.08 | Not Significant | 12.96 | Not Significant |
| F vs. E | 16.75 | Not Significant | 15.04 | Not Significant |
| F vs. E _p | 50.79 | **** | 48.00 | **** |
| F vs. E _f | 40.96 | **** | 48.00 | **** |
| F _p vs. F _f | 9.167 | Not Significant | -19.04 | Not Significant |
| F _p vs. E | 2.833 | Not Significant | -16.96 | Not Significant |
| F _p vs. E _p | 36.88 | *** | 16.00 | Not Significant |
| F _p vs. E _f | 27.04 | * | 16.00 | Not Significant |
| F _f vs. E | -6.33 | Not Significant | 2.08 | Not Significant |
| F _f vs. E _p | 27.71 | * | 35.04 | *** |
| F _f vs. E _f | 17.88 | Not Significant | 35.04 | *** |
| E vs. E _p | 34.04 | ** | 32.96 | ** |
| E vs. E _f | 24.21 | Not Significant | 32.96 | ** |
| E _p vs. E _f | -9.83 | Not Significant | 0.00 | Not Significant |

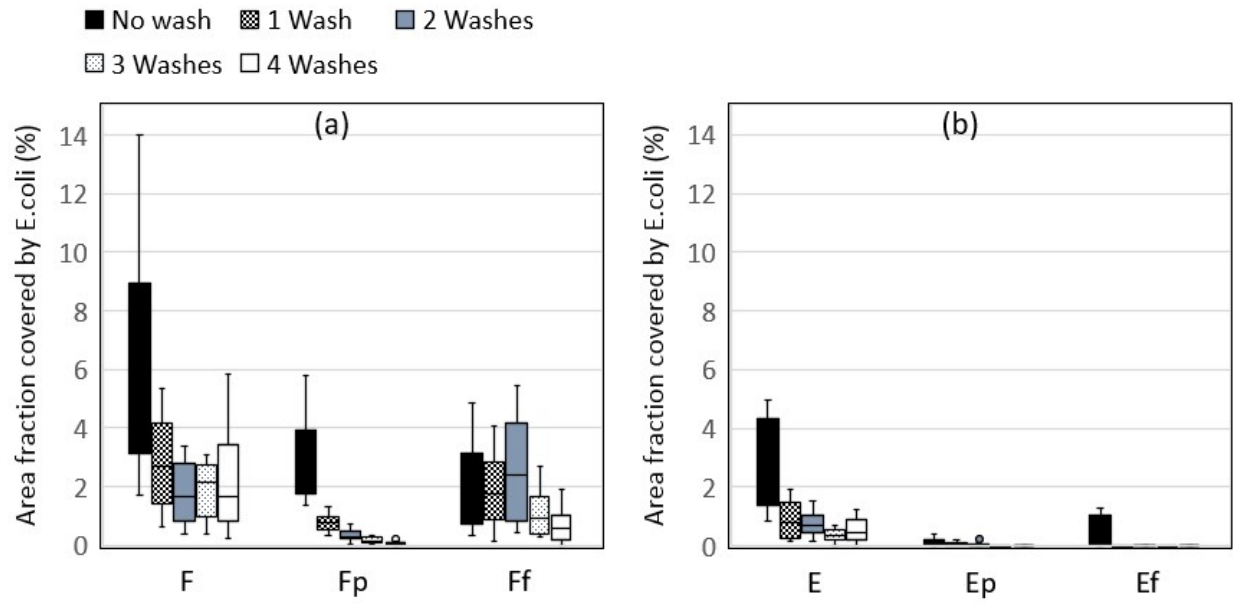


Figure S1. Area fraction (%) adhered by *E. coli* on PS surfaces without washing and up to four washes.