

Appendix 1: Download speed OLS regression results (coefficients measured in MB/s)

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) |
|-------------------------------------|-------------------|--------------|--------|---------------|---------------|----------------|----------------|---------------|-----------|----------|----------|---------|------------|----------|--------|
| | Port Mo- resby | Mt. Hagen | Lae | Madang (1) | Madang (2) | Honiara (1) | Honiara (2) | East Kwaio | Apia (1) | Apia (2) | Suva | Colonia | Balrarnald | Canberra | Sydney |
| | b/se | b/se | b/se | b/se | b/se | b/se | b/se | b/se | b/se | b/se | b/se | b/se | b/se | b/se | b/se |
| time | 9.076 | -2.172 | 2.514 | 8.781*** | 5.225 | 1.582 | -0.049 | -0.063 | -14.165** | 14.861 | 6.098** | 0.813 | 8.629** | -3.638 | 14.182 |
| | -12.42 | -1.55 | -2.82 | -2.34 | -8.62 | -5.44 | -0.7 | -0.05 | -4.66 | -11.7 | -2.1 | -0.8 | -4.28 | -10.94 | -15.44 |
| clear (ref) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) |
| clouds | -13.206 | -1.523 | 1.003 | -2.773 | -11.081 | 0.125 | 0.684 | 0.054 | -7.299 | -10.53 | -0.432 | -0.097 | -0.376 | -11.153 | -0.367 |
| | -9.21 | -1.52 | -2.22 | -2.52 | -9.39 | -0.78 | -0.62 | -0.09 | -3.72 | -8.25 | -1.57 | -0.56 | -2.89 | -7.7 | -9.71 |
| rain | -19.661 | -4.216** | 0.823 | -3.397 | -23.371 | 0.1 | 0.206 | 0.134 | -8.272* | -13.36 | -1.855 | -0.805 | -7.161 | -19.159 | -32.94 |
| | -16.03 | -1.79 | -7.14 | -3.4 | -12.68 | -1.7 | -0.6 | -0.16 | -3.73 | -9.47 | -2.07 | -0.49 | -9.93 | -19.75 | -28.98 |
| morning (ref) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) |
| mid-morning | 3.485 | 0.218 | -2.668 | -2.497 | -2.605 | 1.629 | -0.083 | -0.036 | -13.216 | -3.643 | -1.117 | 0.929 | 0 | -5.619 | 20.016 |
| | -10 | -1.66 | -2.49 | -2.23 | -8.17 | -0.99 | -0.85 | -0.05 | -7.75 | -7.55 | -1.82 | -0.75 | (.) | -8.27 | -23.22 |
| lunch | 7.096 | 0.868 | -0.985 | -2.107 | -12.771 | -0.552 | -0.741 | -0.044 | 2.915 | -5.79 | 1.348 | -0.187 | -0.044 | -16.272 | -25.2 |
| | -11.72 | -1.95 | -2.57 | -1.8 | -6.62 | -1.33 | -0.7 | -0.04 | -3.04 | -9.59 | -1.7 | -0.75 | -9.84 | -13.52 | -13.51 |
| afternoon | 16.357 | -0.787 | -4.254 | -2.425 | 1.372 | 3.38 | 1.335 | -0.002 | -7.74 | -0.785 | -0.831 | 0.037 | -7.596** | 10.314 | -27.41 |
| | -12.2 | -1.39 | -2.58 | -3.43 | -12.49 | -1.59 | -1.54 | -0.04 | -7.42 | -7.84 | -1.79 | -0.68 | -2.91 | -11.49 | -21.15 |
| evening | 20.018 | -1.052 | -3.043 | -1.925 | 0.112 | -0.121 | 0.914 | -0.007 | -6.155 | 4.813 | -1.774 | -0.472 | -20.409*** | -4.899 | -26.37 |
| | -12.07 | -1.39 | -2.18 | -1.82 | -6.89 | -1.22 | -1.49 | -0.04 | -3.39 | -7.31 | -2.3 | -0.7 | -4.06 | -9.06 | -13.54 |
| night | | 1.526 | -0.252 | -2.418 | -19.868 | 0.14 | 0.641 | -0.067 | -7.871 | -3.653 | 4.416 | -2.38 | -18.895*** | 3.918 | -45.39 |
| | | -4.03 | -3.36 | -4.51 | -16.57 | -2.28 | -1.64 | -0.09 | -5.37 | -17.8 | -4.71 | -1.6 | -4.18 | -19.86 | -37.5 |
| outdoors (ref) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) | (.) |
| indoors w/tin roof | -10.211 | -2.885 | -1.766 | -3.417* | -17.635*** | 0 | -1.163 | 0.031 | -5.072 | -11.43 | 0 | 0.563 | 3.2 | | 17.98 |
| | -15.46 | -2.97 | -3.76 | -1.82 | -6.56 | (.) | -1.47 | -0.04 | -3.27 | -6.36 | (.) | -1.03 | -3.014 | | -40.37 |
| indoors w/ bush material roof | | -3.267 | | -3.08 | -19.607 | | | | | | | | | | |
| | | -3.33 | | -5.19 | -18.75 | | | | | | | | | | |
| travelling in vehicle | | -6.919 | | 4.545 | -18.853 | -3.78 | -1.173 | 0.006 | 9.879 | -10.63 | | | | | 59.374 |
| | | -4.19 | | -3.46 | -12.55 | -2.15 | -1.22 | -0.03 | -5.17 | -8.55 | | | | | -31.49 |
| concrete/brick building | -39.692** | | | | | 0.059 | 0.25 | -0.021 | -3.089 | -7.089 | 1.609 | | | 0 | 27.116 |
| | -15.79 | | | | | -0.96 | -0.69 | -0.05 | -3.79 | -8.46 | -1.76 | | | (.) | -15.92 |
| constant | -1067.2 | 290.17 | -294.8 | -1054.8** | 925.145 | -192.8 | 6.521 | 7.675 | 1755.2** | -1787 | -740.9** | -96.43 | -1018.9 | 515.262 | -1680 |
| | -1497.7 | -198.2 | -344.7 | -298.18 | -1054.15 | -664.8 | -85.19 | -6.6 | -570.28 | -1430 | -257.5 | -97.44 | -523 | -1338 | -1887 |
| R-squared | 0.314 | 0.186 | 0.074 | 0.619 | 0.502 | 0.584 | 0.17 | 0.102 | 0.529 | 0.252 | 0.284 | 0.226 | 0.411 | 0.184 | 0.177 |
| Observations | 76 | 74 | 78 | 48 | 48 | 19 | 36 | 46 | 72 | 51 | 66 | 53 | 72 | 73 | 69 |

Note: This appendix is part of the article: Watson, A. H. A., & Fox, R. (2021). Digital divide: Mobile internet speeds in the Pacific. *Pacific Journalism Review : Te Koako*, 27(1&2).

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