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| Additional file 5. Differences in health system costs due to severe malaria according to sex, age and malaria season. Mean (95% CI). US$ 2018 |
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|  | Sex | Age | Malaria season |
|   | Male | Female | Under 5 | Above 5 | Rainy | Dry |
| Medical examinations | 3.47 (3.30-3.63) | 3.42 (3.26-3.58) | 3.47 (3.29-3.66) | 3.42 (3.27-3.56) | **3.30** **(3.20-3.40)** | **3.72** **(3.46-3.98)** |
| Malaria diagnostic tests | 8.73 (7.68-9.77) | 8.27 (7.14-9.40) | 8.49 (7.31-9.68) | 8.52 (7.53-9.51) | **7.56** **(6.74-8.39)** | **10.30** **(8.90-11.70)** |
| Malaria treatment | 5.48 (2.12-8.85) | 4.47 (3.43-5.52) | **2.00** **(1.47-2.54)** | **7.83** **(4.48-11.18)** | 5.04 (2.36-7.73) | 4.91 (3.52-6.31) |
| Total costs | 37.21(28.05-46.38) | 36.70 (24.39-49.00) | 38.68 (24.98-52.37) | 35.35 (28.34-42.37) | **33.10** **(24.32-41.88)** | **44.28** **(30.27-58.29)** |
| MWM Test (total costs) | z=0.76 |  | z=1.04 |  | z=2.82 |  |
| Test Power (bootstrapping) | 44.60% |   | 29.50% |   | 99.95% |   |

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| *Note*: Mann-Whitney-Wilcoxon (MWW) non-parametric test for group differences. Bold numbers denote a statistically significant difference |