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|--------------------|------------|---------------------------|--------------|-----|------|------|------|------|-------|-------|---------|--------|---------|--------|-------|-----|----|----|
| Bokeo | 2014 rainy | <i>An. umbrosus</i> | DDT | | 74.2 | n/a | n/a | | 244.0 | n/a | n/a | | 3.2 +/- | 1.8018 | 0.869 | 16 | 15 | |
| Phongsaly | 2014 rainy | <i>An. maculatus s.l.</i> | permethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 17 | 17 |
| Phongsaly | 2014 rainy | <i>An. maculatus s.l.</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 17 | 17 |
| Phongsaly | 2014 rainy | <i>An. maculatus s.l.</i> | DDT | | 35.9 | 32.2 | 40.0 | 72.0 | 59.2 | 105.2 | 5.4 +/- | 0.9616 | 0.687 | 16 | 17 | 17 | 17 | |
| Phongsaly | 2014 rainy | <i>An. minimus s.l.</i> | permethrin | | 14.2 | 12.2 | 16.6 | 31.8 | 24.1 | 64.5 | 4.7 +/- | 1.0979 | 0.892 | 15 | 10 | 10 | 10 | |
| Phongsaly | 2014 rainy | <i>An. minimus s.l.</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 10 | 10 |
| Phongsaly | 2014 rainy | <i>An. minimus s.l.</i> | DDT | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 10 | 10 |
| Luang Prabang | 2014 rainy | <i>An. hyrcanus</i> | permethrin | | 12.9 | 11.4 | 14.4 | 25.8 | 21.4 | 36.3 | 5.5 +/- | 0.9080 | 0.806 | 15 | 29 | 29 | 29 | |
| Luang Prabang | 2014 rainy | <i>An. hyrcanus</i> | deltamethrin | | 11.6 | 9.5 | 13.9 | 25.8 | 19.5 | 49.1 | 4.7 +/- | 1.0446 | 0.668 | 13 | 29 | 29 | 29 | |
| Luang Prabang | 2014 rainy | <i>An. hyrcanus</i> | DDT | | 34.5 | n/a | n/a | 79.8 | n/a | n/a | 4.5 +/- | 1.9284 | 0.999 | 10 | 29 | 29 | 29 | |
| Bolikhamxay | 2014 rainy | <i>An. nivipes s.l.</i> | permethrin | | 10.8 | 9.1 | 12.5 | 22.6 | 17.8 | 39.0 | 5.2 +/- | 1.1331 | 0.732 | 11 | 15 | 15 | 15 | |
| Bolikhamxay | 2014 rainy | <i>An. nivipes s.l.</i> | deltamethrin | | | | | | | | | | | | | | 15 | 15 |
| Bolikhamxay | 2014 rainy | <i>An. nivipes s.l.</i> | DDT | | 14.1 | 12.3 | 15.7 | 29.8 | 24.5 | 43.6 | 5.0 +/- | 0.8966 | 0.579 | 16 | 15 | 15 | 15 | |
| Bolikhamxay | 2014 rainy | <i>An. philippinensis</i> | permethrin | | 13.2 | 11.5 | 16.0 | 43.4 | 30.0 | 90.3 | 3.2 +/- | 0.5595 | 0.258 | 24 | 16 | 16 | 16 | |
| Bolikhamxay | 2014 rainy | <i>An. philippinensis</i> | deltamethrin | | | | | | | | | | | | | | 16 | 16 |
| Bolikhamxay | 2014 rainy | <i>An. philippinensis</i> | DDT | | 13.2 | 11.5 | 14.5 | 37.2 | 28.9 | 63.3 | 5.2 +/- | 0.9818 | 0.683 | 29 | 16 | 16 | 16 | |
| Bolikhamxay | 2014 rainy | <i>An. minimus s.l.</i> | permethrin | | 10.4 | 9.2 | 11.7 | 29.2 | 23.4 | 42.0 | 3.7 +/- | 0.4889 | 0.818 | 25 | 16 | 16 | 16 | |
| Bolikhamxay | 2014 rainy | <i>An. minimus s.l.</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 16 | 16 |
| Bolikhamxay | 2014 rainy | <i>An. minimus s.l.</i> | DDT | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 16 | 16 |
| Vientiane province | 2014 rainy | <i>An. hyrcanus</i> | permethrin | | 15.6 | 14.0 | 17.3 | 28.7 | 24.5 | 38.1 | 6.2 +/- | 1.0162 | 0.555 | 29 | 30 | 30 | 30 | |
| Vientiane province | 2014 rainy | <i>An. hyrcanus</i> | deltamethrin | | 5.5 | 4.1 | 6.8 | 36.8 | 24.4 | 77.7 | 2.0 +/- | 0.3215 | 0.677 | 25 | 30 | 30 | 30 | |
| Vientiane province | 2014 rainy | <i>An. hyrcanus</i> | DDT | | 36.6 | 28.4 | 48.5 | 73.7 | 78.5 | 179.6 | 5.4 +/- | 0.6157 | 0.000 | 30 | 30 | 30 | 30 | |
| Vientiane province | 2014 rainy | <i>An. nivipes s.l.</i> | permethrin | | 13.0 | 11.2 | 14.7 | 22.9 | 18.9 | 37.1 | 6.7 +/- | 1.5750 | 0.373 | 25 | 30 | 30 | 30 | |
| Vientiane province | 2014 rainy | <i>An. nivipes s.l.</i> | deltamethrin | | 3.8 | n/a | n/a | 8.1 | n/a | n/a | 5.1 +/- | 0.9939 | 0.051 | 25 | 30 | 30 | 30 | |
| Vientiane province | 2014 rainy | <i>An. nivipes s.l.</i> | DDT | | 19.7 | 15.4 | 23.9 | 38.4 | 33.2 | 61.0 | 5.7 +/- | 0.5945 | 0.040 | 38 | 30 | 30 | 30 | |
| Vientiane province | 2014 rainy | <i>An. aconitus</i> | permethrin | | 5.5 | 4.9 | 6.0 | 9.2 | 7.9 | 12.1 | 7.4 +/- | 1.3174 | 0.129 | 31 | 62 | 62 | 62 | |
| Vientiane province | 2014 rainy | <i>An. aconitus</i> | deltamethrin | | 3.7 | 3.1 | 4.3 | 8.0 | 6.3 | 13.1 | 4.9 +/- | 0.9445 | 0.357 | 26 | 62 | 62 | 62 | |
| Vientiane province | 2014 rainy | <i>An. aconitus</i> | DDT | | 24.4 | 21.1 | 26.7 | 45.7 | 39.0 | 64.0 | 6.0 +/- | 1.1988 | 0.721 | 26 | 62 | 62 | 62 | |
| Vientiane province | 2015 dry | <i>An. minimus s.l.</i> | permethrin | | 20.8 | 17.2 | 29.7 | 44.3 | 30.5 | 204.0 | 5.0 +/- | 1.5989 | 0.750 | 12 | 9 | 9 | 9 | |
| Vientiane province | 2015 dry | <i>An. minimus s.l.</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 9 | 9 |
| Vientiane province | 2015 dry | <i>An. minimus s.l.</i> | DDT | | 24.7 | 19.4 | 45.9 | 79.9 | 44.0 | 686.3 | 3.2 +/- | 0.9505 | 0.103 | 17 | 9 | 9 | 9 | |
| Vientiane province | 2015 dry | <i>An. aconitus</i> | permethrin | | 21.3 | 18.3 | 24.2 | 53.0 | 43.7 | 71.6 | 4.2 +/- | 0.5579 | 0.149 | 17 | 9 | 9 | 9 | |
| Vientiane province | 2015 dry | <i>An. aconitus</i> | deltamethrin | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 9 | 9 |
| Vientiane province | 2015 dry | <i>An. aconitus</i> | DDT | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 9 | 9 |
| Bokeo | 2015 dry | <i>An. minimus s.l.</i> | permethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 15 | 15 |
| Bokeo | 2015 dry | <i>An. minimus s.l.</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 15 | 15 |
| Bokeo | 2015 dry | <i>An. minimus s.l.</i> | DDT | | 34.3 | 30.2 | 38.1 | 60.5 | 50.4 | 94.5 | 6.7 +/- | 1.5489 | 0.832 | 14 | 15 | 15 | 15 | |
| Bokeo | 2015 dry | <i>An. umbrosus</i> | permethrin | | 18.4 | 14.5 | 21.8 | 53.5 | 44.5 | 75.7 | 3.5 +/- | 0.3548 | 0.035 | 116 | 15 | 15 | 15 | |
| Bokeo | 2015 dry | <i>An. umbrosus</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 15 | 15 |
| Bokeo | 2015 dry | <i>An. umbrosus</i> | DDT | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 15 | 15 |
| Khammouane | 2015 dry | <i>An. vagus</i> | permethrin | | 19.5 | 17.6 | 21.1 | 31.2 | 27.6 | 39.2 | 8.0 +/- | 1.3926 | 0.799 | 26 | 18 | 18 | 18 | |
| Khammouane | 2015 dry | <i>An. vagus</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 18 | 18 |
| Khammouane | 2015 dry | <i>An. vagus</i> | DDT | | 43.5 | 38.6 | 48.7 | 91.2 | 71.2 | 175.2 | 5.1 +/- | 1.2175 | 0.998 | 18 | 18 | 18 | 18 | |
| Phongsaly | 2015 dry | <i>An. minimus s.l.</i> | permethrin | | 20.2 | 14.8 | 25.8 | 87.0 | 56.8 | 223.0 | 2.6 +/- | 0.5418 | 0.188 | 10 | 13 | 13 | 13 | |
| Phongsaly | 2015 dry | <i>An. minimus s.l.</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 13 | 13 |
| Phongsaly | 2015 dry | <i>An. minimus s.l.</i> | DDT | | 12.8 | 8.8 | 16.3 | 51.6 | 36.6 | 101.4 | 2.7 +/- | 0.5215 | 0.989 | 12 | 13 | 13 | 13 | |

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|--------------------|------------|---------------------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
| Phongsaly | 2015 dry | <i>An. maculatus s.l.</i> | permethrin | 43.5 | 36.5 | 56.5 | 128.9 | 85.1 | 366.6 | 3.5 +/- | 0.8000 | 0.306 | 17 | 15 |
| Phongsaly | 2015 dry | <i>An. maculatus s.l.</i> | deltamethrin | 14.6 | 11.3 | 17.5 | 27.3 | 21.5 | 55.1 | 6.1 +/- | 1.6992 | 0.469 | 10 | 15 |
| Phongsaly | 2015 dry | <i>An. maculatus s.l.</i> | DDT | 23.4 | 20.5 | 26.9 | 46.5 | 37.2 | 74.2 | 5.5 +/- | 1.0961 | 0.435 | 15 | 15 |
| Luang Prabang | 2015 dry | <i>An. maculatus s.l.</i> | permethrin | 28.3 | 25.9 | 30.6 | 65.5 | 57.2 | 79.0 | 4.5 +/- | 0.4326 | 0.552 | 35 | 39 |
| Luang Prabang | 2015 dry | <i>An. maculatus s.l.</i> | deltamethrin | 12.4 | 9.9 | 15.4 | 30.8 | 22.2 | 69.9 | 4.1 +/- | 0.9738 | 0.055 | 16 | 39 |
| Luang Prabang | 2015 dry | <i>An. maculatus s.l.</i> | DDT | 45.5 | 39.2 | 57.6 | 137.1 | 113.5 | 303.9 | 3.4 +/- | 0.4305 | 0.019 | 39 | 39 |
| Luang Prabang | 2015 dry | <i>An. minimus s.l.</i> | permethrin | 14.0 | 11.2 | 16.8 | 32.4 | 24.5 | 60.6 | 4.5 +/- | 0.9823 | 0.168 | 13 | 41 |
| Luang Prabang | 2015 dry | <i>An. minimus s.l.</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 41 |
| Luang Prabang | 2015 dry | <i>An. minimus s.l.</i> | DDT | 31.2 | 26.8 | 37.5 | 73.1 | 54.2 | 144.6 | 4.5 +/- | 0.9419 | 0.288 | 12 | 41 |
| Luang Prabang | 2015 dry | <i>An. vagus</i> | permethrin | 16.1 | 14.6 | 17.6 | 35.4 | 31.7 | 40.8 | 4.8 +/- | 0.4224 | 0.270 | 47 | 49 |
| Luang Prabang | 2015 dry | <i>An. vagus</i> | deltamethrin | 8.4 | 6.6 | 9.9 | 20.9 | 17.1 | 29.1 | 4.1 +/- | 0.6451 | 0.263 | 21 | 49 |
| Luang Prabang | 2015 dry | <i>An. vagus</i> | DDT | 104.2 | 75.7 | 368.0 | 339.8 | 159.4 | 7470.5 | 3.2 +/- | 0.9949 | 0.939 | 46 | 49 |
| Phongsaly | 2015 rainy | <i>An. maculatus s.l.</i> | permethrin | 22.0 | 17.9 | 26.4 | 100.8 | 69.8 | 196.1 | 2.5 +/- | 0.3914 | 0.168 | 19 | 15 |
| Phongsaly | 2015 rainy | <i>An. maculatus s.l.</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 15 |
| Phongsaly | 2015 rainy | <i>An. maculatus s.l.</i> | DDT | 46.0 | 33.9 | 79.6 | 688.7 | 245.9 | 10975.6 | 1.4 +/- | 0.3320 | 0.985 | 17 | 15 |
| Phongsaly | 2015 rainy | <i>An. kochi</i> | permethrin | 26.1 | 21.6 | 30.3 | 65.1 | 51.6 | 99.3 | 4.1 +/- | 0.7032 | 0.690 | 11 | 15 |
| Phongsaly | 2015 rainy | <i>An. kochi</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 15 |
| Phongsaly | 2015 rainy | <i>An. kochi</i> | DDT | 0 after 60 min | 0 after 60 min | 0 after 60 min | 0 after 60 min | 0 after 60 min | 0 after 60 min | 0 after 60 min | 0 after 60 min | 0 after 60 min | 0 after 60 min | 15 |
| Bokeo | 2015 rainy | <i>An. vagus</i> | permethrin | 15.7 | 14.2 | 17.0 | 33.9 | 31.2 | 38.1 | 4.9 +/- | 0.2226 | 0.003 | 144 | 70 |
| Bokeo | 2015 rainy | <i>An. vagus</i> | deltamethrin | 24.7 | 23.5 | 25.8 | 65.6 | 60.6 | 72.0 | 3.9 +/- | 0.1845 | 0.415 | 136 | 70 |
| Bokeo | 2015 rainy | <i>An. vagus</i> | DDT | 56.9 | 54.4 | 60.2 | 118.4 | 104.6 | 139.4 | 5.2 +/- | 0.3660 | 0.942 | 148 | 70 |
| Vientiane province | 2015 rainy | <i>An. nivipes s.l.</i> | permethrin | 23.3 | 20.1 | 26.2 | 56.0 | 47.3 | 72.3 | 4.3 +/- | 0.5445 | 0.288 | 17 | 15 |
| Vientiane province | 2015 rainy | <i>An. nivipes s.l.</i> | deltamethrin | 15.2 | n/a | n/a | 38.5 | n/a | n/a | 4.1 +/- | 1.5323 | 0.043 | 16 | 15 |
| Vientiane province | 2015 rainy | <i>An. nivipes s.l.</i> | DDT | 48.9 | 44.6 | 57.1 | 90.2 | 70.9 | 168.3 | 6.2 +/- | 1.4385 | 0.053 | 20 | 15 |
| Vientiane province | 2015 rainy | <i>An. aconitus</i> | permethrin | 16.2 | 13.7 | 17.8 | 23.0 | 20.4 | 32.4 | 10.7 +/- | 2.9434 | 0.104 | 16 | 15 |
| Vientiane province | 2015 rainy | <i>An. aconitus</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 15 |
| Vientiane province | 2015 rainy | <i>An. aconitus</i> | DDT | 22.3 | 18.9 | 25.5 | 69.2 | 55.8 | 95.9 | 3.3 +/- | 0.4134 | 0.486 | 19 | 15 |
| Vientiane province | 2015 rainy | <i>An. tessellatus</i> | permethrin | 22.3 | 18.0 | 27.8 | 50.4 | 36.6 | 127.0 | 4.6 +/- | 1.2330 | 0.653 | 9 | 15 |
| Vientiane province | 2015 rainy | <i>An. tessellatus</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 15 |
| Vientiane province | 2015 rainy | <i>An. tessellatus</i> | DDT | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 15 |
| Attapeu | 2015 rainy | <i>An. nivipes s.l.</i> | permethrin | 14.7 | 12.0 | 17.4 | 45.9 | 35.7 | 70.2 | 3.3 +/- | 0.5038 | 0.874 | 20 | 20 |
| Attapeu | 2015 rainy | <i>An. nivipes s.l.</i> | deltamethrin | 22.3 | 19.1 | 25.2 | 61.6 | 51.2 | 81.2 | 3.7 +/- | 0.4566 | 0.723 | 21 | 20 |
| Attapeu | 2015 rainy | <i>An. nivipes s.l.</i> | DDT | 87.6 | n/a | n/a | 210.4 | n/a | n/a | 4.3 +/- | 2.6144 | 0.854 | 20 | 20 |
| Attapeu | 2015 rainy | <i>An. vagus</i> | permethrin | 15.7 | 12.8 | 18.4 | 50.1 | 40.5 | 68.9 | 3.3 +/- | 0.4114 | 0.979 | 19 | 14 |
| Attapeu | 2015 rainy | <i>An. vagus</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 14 |
| Attapeu | 2015 rainy | <i>An. vagus</i> | DDT | 2070.5 | n/a | n/a | 4475638.2 | n/a | n/a | 0.5 +/- | 0.3733 | 1.000 | 15 | 14 |
| Attapeu | 2015 rainy | <i>An. kochi</i> | permethrin | 25.1 | 21.8 | 28.0 | 52.8 | 44.9 | 69.1 | 5.1 +/- | 0.7585 | 0.962 | 17 | 15 |
| Attapeu | 2015 rainy | <i>An. kochi</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 15 |
| Attapeu | 2015 rainy | <i>An. kochi</i> | DDT | 76.8 | n/a | n/a | 173.7 | n/a | n/a | 4.6 +/- | 2.2149 | 0.970 | 14 | 15 |
| Sekong | 2015 rainy | <i>An. kochi</i> | permethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 25 |
| Sekong | 2015 rainy | <i>An. kochi</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 25 |
| Sekong | 2015 rainy | <i>An. kochi</i> | DDT | 27.7 | 24.8 | 30.6 | 65.4 | 55.2 | 84.1 | 4.4 +/- | 0.5120 | 0.525 | 23 | 25 |
| Sekong | 2015 rainy | <i>An. nivipes s.l.</i> | permethrin | 18.4 | 16.7 | 20.1 | 41.5 | 37.1 | 48.0 | 4.7 +/- | 0.4036 | 0.744 | 50 | 50 |
| Sekong | 2015 rainy | <i>An. nivipes s.l.</i> | deltamethrin | 12.1 | 10.5 | 13.5 | 27.3 | 24.1 | 32.3 | 4.7 +/- | 0.5319 | 0.723 | 49 | 50 |
| Sekong | 2015 rainy | <i>An. nivipes s.l.</i> | DDT | 36.0 | 34.4 | 37.8 | 77.0 | 69.9 | 87.1 | 5.0 +/- | 0.3375 | 0.533 | 77 | 50 |
| Luang Prabang | 2015 rainy | <i>An. nivipes s.l.</i> | permethrin | 19.6 | 17.7 | 21.4 | 54.5 | 48.1 | 63.8 | 3.7 +/- | 0.2834 | 0.329 | 46 | 50 |

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|---------------|------------|-------------------------|--------------|------|-----|------|------|-------|------|-------|--|----------------|-------|-----|----|
| Luang Prabang | 2015 rainy | <i>An. nivipes s.l.</i> | deltamethrin | 19.5 | n/a | n/a | | 106.3 | n/a | n/a | | 2.2 +/- 0.8536 | 0.504 | 28 | 50 |
| Luang Prabang | 2015 rainy | <i>An. nivipes s.l.</i> | DDT | 23.4 | | 17.6 | 28.4 | 68.8 | 57.4 | 111.2 | | 3.5 +/- 0.3541 | 0.019 | 44 | 50 |
| Luang Prabang | 2015 rainy | <i>An. minimus s.l.</i> | permethrin | 11.4 | | 9.7 | 13.0 | 33.6 | 28.3 | 42.8 | | 3.5 +/- 0.3737 | 0.503 | 37 | 50 |
| Luang Prabang | 2015 rainy | <i>An. minimus s.l.</i> | deltamethrin | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | n/a | n/a | n/a | 50 |
| Luang Prabang | 2015 rainy | <i>An. minimus s.l.</i> | DDT | 26.6 | | 24.8 | 28.2 | 47.5 | 43.3 | 53.8 | | 6.5 +/- 0.6089 | 0.236 | 41 | 50 |