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| **S6 Table. Associations between drought and IPV among women aged 15-49 in pooled analysis with each country sequentially removed.** |
|  | *Outcome* |
|  | At least 1 control issue reported | Emotional violence in previous 12 months | Physical violence in previous 12 months | Sexual violence in previous 12 months |
| *Exposure* | Unadjusted | Adjusted | Unadjusted | Adjusted | Unadjusted | Adjusted | Unadjusted | Adjusted |
| Angola Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.4 (-0.8, 1.6) | 0.0 (-1.0, 1.2) | 0.4 (-0.5, 1.3) | 0.4 (-0.6, 1.3) | 0.7\*\* (0.3, 1.2) | 0.7\*\* (0.2, 1.1) | 0.7\*\* (0.2, 1.1) | 0.6\*\* (0.2, 1.1) |
| Severe drought | 2.9\*\*\* (1.2, 4.7) | 2.6\*\* (0.9, 4.4) | 0.7 (-0.7, 2.2) | 0.6 (-0.9, 2.0) | 1.0\* (0.2, 1.9) | 1.0\* (0.2, 1.8) | 1.2\*\* (0.3, 2.2) | 1.2\*\* (0.2, 2.2) |
| Benin Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.3 (-0.8, 1.5) | 0.2 (-0.1, 1.4) | 0.5 (-0.4, 1.5) | 0.5 (-0.5, 1.4) | 0.7\*\* (0.3, 1.2) | 0.7\*\* (0.2, 1.2) | 0.9\*\*\* (0.4, 1.3) | 0.8\*\* (0.4, 1.3) |
| Severe drought | 3.0\*\* (1.3, 4.7) | 3.0\*\*\* (1.3, 4.6) | 0.2 (-1.3, 1.6) | 0.0 (-1.4, 1.5) | 0.9\* (0.1, 1.6) | 0.9\* (0.1, 1.6) | 1.1\* (0.2, 1.9) | 1.0\* (0.2, 1.8) |
| Burundi Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.1 (-1.0, 1.4) | -0.1 (-1.3, 1.0) | 0.4 (-0.6, 1.3) | 0.4 (-0.6, 1.3) | 0.7\*\* (0.3, 1.2) | 0.7\*\* (0.1, 1.5) | 0.8\*\*\* (0.4, 1.3) | 0.8\*\*\* (0.4, 1.3) |
| Severe drought | 2.9\*\*\* (1.3, 4.5) | 2.9\*\*\* (1.3, 4.5) | 0.6 (-0.8, 1.9) | 0.4 (-0.9, 1.8) | 0.9\* (0.2, 1.5) | 0.8\* (0.1, 1.5) | 1.3\*\* (0.5, 2.0) | 1.3\*\* (0.5, 2.1) |
| Cameroon Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.3 (-0.9, 1.5) | 0.0 (-1.1, 1.2) | 0.4 (-0.5, 1.3) | 0.4 (-0.5, 1.3) | 0.7\*\* (0.2, 1.1) | 0.6\*\* (0.2, 1.1) | 0.7\*\* (0.3, 1.2) | 0.7\*\* (0.3, 1.2) |
| Severe drought | 3.0\*\*\* (1.4, 4.7) | 3.0\*\*\* (1.4, 4.6) | 0.6 (-0.8, 1.9) | 0.4 (-1.0, 1.7) | 0.8\* (0.1, 1.5) | 0.8\* (0.1, 1.5) | 1.3\*\* (0.5, 2.1) | 1.2\*\* (0.4, 2.1) |
| Chad Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.0 (-1.2, 1.2) | -0.3 (-1.4, 0.9) | 0.4 (-0.5, 1.3) | 0.2 (-0.7, 1.2) | 0.6\*\* (0.2, 1.1) | 0.6\* (0.1, 1.1) | 0.7\*\* (0.2, 1.2) | 0.7\*\* (0.3, 1.1) |
| Severe drought | 1.6\* (0.0, 3.3) | 1.7\* (0.0, 3.4) | 0.3 (-1.1, 1.8) | 0.1 (-1.2, 1.6) | 0.8\* (0.0, 1.5) | 0.7\* (0.0, 1.5) | 1.2\*\* (0.3, 2.1) | 1.1\*\* (0.2, 2.0) |
| Cote d’Ivoire Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.5 (-0.6, 1.7 | 0.2 (-1.0, 1.3) | 0.4 (-0.5, 1.4) | 0.4 (-0.5, 1.3) | 0.8\*\* (0.3, 1.2) | 0.7\*\* (0.2, 1.2) | 0.8\*\* (0.3, 1.2) | 0.8\*\* (0.3, 1.2) |
| Severe drought | 3.1\*\*\* (1.5, 4.7) | 3.0\*\*\* (1.4, 4.6) | 0.6 (-0.8, 2.0) | 0.4 (-1.0, 1.8) | 0.9\* (0.2, 1.7) | 0.9\* (0.1, 1.6) | 1.3\*\* (0.5, 2.2) | 1.3\*\* (0.4, 2.2) |
| Democratic Republic of the Congo Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.3 (-0.9, 1.5) | -0.1 (-1.2, 1.1) | 0.1 (-0.8, 1.1) | 0.1 (-0.8, 1.0) | 0.6\* (0.0, 1.0) | 0.5\* (0.0, 0.9) | 0.3 (-0.1, 0.7) | 0.3 (-0.1, 0.7) |
| Severe drought | 2.9\*\* (1.2, 4.6) | 2.8\*\* (1.1, 4.5) | 0.4 (-1.0, 1.7) | 0.2 (-1.2, 1.6) | 0.8\* (0.0, 1.5) | 0.7\* (0.0, 1.4) | 0.9\* (0.2, 1.6) | 0.8\* (0.1, 1.6) |
| Gabon Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.4 (-0.8, 1.6) | 0.1 (-1.1, 1.3) | 0.4 (-0.5, 1.3) | 0.5 (-0.4, 1.5) | 0.7\*\* (0.2, 1.2) | 0.7\*\* (0.2, 1.1) | 0.7\*\* (0.3, 1.2) | 0.7\*\* (0.3, 1.2) |
| Severe drought | 3.1\*\*\* (1.4, 4.8) | 3.1\*\*\* (1.4, 4.7) | 0.5 (-0.9, 1.9) | 0.5 (-0.9, 1.8) | 0.6 (-0.1, 1.3) | 0.6 (-0.1, 1.3) | 1.3\*\* (0.4, 2.1) | 1.2\*\* (0.4, 2.1) |
| Kenya Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.4 (-0.8, 1.6) | 0.1 (-1.1, 1.3) | 0.2 (-0.7, 1.2) | 0.2 (-0.7, 1.2) | 0.7\*\* (0.2, 1.1) | 0.7\*\* (0.2, 1.1) | 0.8\*\* (0.3, 1.2) | 0.7\*\* (0.3, 1.2) |
| Severe drought | 3.0\*\*\* (1.4, 4.7) | 2.9\*\*\* (1.3, 4.6) | 0.5 (-0.9, 1.9) | 0.3 (-1.0, 1.7) | 1.0\*\* 0.2, 1.7) | 0.9\* (0.2, 1.6) | 1.3\*\* (0.5, 2.2) | 1.3\*\* (0.4, 2.2) |
| Mozambique Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.4 (-1.0, 1.4) | -0.1 (-1.2, 1.1) | 0.8 (-0.1, 1.7) | 0.7 (-0.2, 1.7) | 0.7\*\* (0.2, 1.2) | 0.6\*\* (0.2, 1.1) | 0.8\*\* (0.3, 1.3) | 0.8\*\* (0.3, 1.2) |
| Severe drought | 3.4\*\*\* (1.7, 5.1) | 3.2\*\*\* (1.6, 4.9) | 0.3 (-1.1, 1.7) | 0.1 (-1.3, 1.4) | 0.9\* (0.1, 1.7) | 0.8\* (0.1, 1.3) | 1.5\*\* (0.6, 2.4) | 1.4\*\* (0.5, 2.3) |
| Malawi Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.3 (-1.0, 1.5) | -0.1 (-1.3, 1.1) | 0.1 (-0.8, 1.1) | 0.1 (-0.9, 1.1) | 0.7\*\* (0.3, 1.2) | 0.7\*\* (0.2, 1.2) | 0.7\*\* (0.3, 1.2) | 0.7\*\* (0.2, 1.2) |
| Severe drought | 3.3\*\*\* (1.6, 5.0) | 3.2\*\*\* (1.5, 4.9) | 0.5 (-0.9, 1.9) | 0.3 (-1.1, 1.8) | 0.9\* (0.2, 1.7) | 0.9\* (0.1, 1.6) | 1.4\*\* (0.5, 2.4) | 1.4\*\* (0.5, 2.3) |
| Namibia Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.4 (-0.8, 1.6) | 0.1 (-1.0, 1.3) | 0.4 (-0.5, 1.3) | 0.4 (-0.5, 1.2) | 0.7\*\* (0.3, 1.2) | 0.7\*\* (0.2, 1.1) | 0.7\*\* (0.3, 1.2) | 0.7\*\* (0.2, 1.1) |
| Severe drought | 3.4\*\*\* (1.7, 5.1) | 3.4\*\*\* (1.7, 5.0) | 0.6 (-0.8, 1.9) | 0.4 (-1.0, 1.8) | 1.0\*\* (0.2, 1.7) | 0.9\* (0.2, 1.6) | 1.4\*\* (0.5, 2.2) | 1.3\*\* (0.4, 2.1) |
| Rwanda Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.4 (-0.8, 1.6) | 0.1 (-1.1, 1.3) | 0.5 (-0.5, 1.4) | 0.4 (-0.5, 1.4) | 0.8\*\* (0.3, 1.2) | 0.7\*\* (0.2, 1.2) | 0.7\*\* (0.3, 1.2) | 0.7\*\* (0.2, 1.2) |
| Severe drought | 3.4\*\*\* (1.7, 5.1) | 3.5\*\*\* (1.8, 5.1) | 0.8 (-0.6, 2.2) | 0.6 (-0.7, 2.0) | 1.0\* (0.2, 1.7) | 0.9\* (0.2, 1.6) | 1.3\*\* (0.5, 2.2) | 1.3\*\* (0.4, 2.2) |
| Sierra Leone Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.5 (-0.7, 1.7) | 0.2 (-1.0, 1.4) | 0.6 (-0.8, 2.0) | 0.3 (-0.5, 1.2) | 0.8\*\* (0.3, 1.2) | 0.7\*\* (0.2, 1.2) | 0.8\*\* (0.3, 1.2) | 0.7\*\* (0.3, 1.2) |
| Severe drought | 3.1\*\*\* (1.4, 4.8) | 3.1\*\*\* (1.4, 4.7) | 0.6 (-0.8, 1.9) | 0.4 (-1.0, 1.7) | 0.8\* (0.2, 1.6) | 0.8\* (0.2, 1.5) | 1.2\*\* (0.4, 2.1) | 1.2\*\* (0.3, 2.0) |
| Tanzania Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.4 (-0.8, 1.6) | 0.2 (-1.0, 1.4) | 0.4 (-0.5, 1.3) | 0.4 (-0.4, 1.3) | 0.7\*\* (0.2, 1.2) | 0.7\*\* (0.2, 1.2) | 0.6\* (0.1, 1.0) | 0.6\* (0.1, 1.0) |
| Severe drought | 3.1\*\*\* (1.4, 4.7) | 3.0\*\*\* (1.4, 4.7) | 0.8 (-0.6, 2.1) | 0.6 (-0.8, 2.0) | 0.9\* (0.2, 1.7) | 0.9\* (0.1, 1.6) | 1.2\*\* (0.4, 2.1) | 1.2\*\* (0.3, 2.0) |
| Togo Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.4 (-0.8, 1.5) | 0.1 (-1.0, 1.3) | 0.4 (-0.5, 1.3) | 0.3 (-0.5, 1.2) | 0.8\*\* (0.3, 1.3) | 0.7\*\* (0.2, 1.2) | 0.7\*\* (0.2, 1.2) | 0.7\*\* (0.2, 1.1) |
| Severe drought | 2.8\*\* (1.1, 4.5) | 2.8\*\* (1.1, 4.5) | 0.9 (-0.5, 2.3) | 0.8 (-0.7, 2.2) | 0.6 (-0.1, 1.4) | 0.6 (-0.2, 1.3) | 1.5\*\* (0.6, 2.4) | 1.4\*\* (0.5, 2.4) |
| Uganda Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.5 (-0.7, 1.7) | 0.2 (-1.0, 1.3) | 0.3 (-0.6, 1.2) | 0.2 (-0.7, 1.1) | 0.8\*\* (0.3, 1.2) | 0.7\*\* (0.3, 1.2) | 0.8\*\*\* (0.4, 1.3) | 0.8\*\*\* (0.4, 1.3) |
| Severe drought | 3.2\*\*\* (1.5, 4.8) | 3.1\*\*\* (1.5, 4.7) | 0.5 (-0.8, 1.8) | 0.3 (-1.0, 1.7) | 0.9\* (0.2, 1.6) | 0.8\* (0.2, 1.5) | 1.3\*\* (0.5, 2.1) | 1.3\*\* (0.5, 2.1) |
| Zambia Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.5 (-0.7, 1.8) | 0.2 (-1.1, 1.4) | 0.6 (-0.4, 1.6) | 0.6 (-0.4, 1.6) | 0.8\*\* (0.3, 1.2) | 0.7\*\* (0.2, 1.2) | 0.9\*\*\* (0.4, 1.4) | 0.9\*\*\* (0.4, 1.4) |
| Severe drought | 3.1\*\*\* (1.5, 4.8) | 3.1\*\*\* (1.4, 4.7) | 0.7 (-0.7, 2.1) | 0.5 (-0.9, 1.9) | 0.9\* (0.2, 1.6) | 0.8\* (0.1, 1.5) | 1.3\*\* (0.5, 2.1) | 1.3\*\* (0.5, 2.1) |
| Zimbabwe Removed |
| No drought | REF | REF | REF | REF | REF | REF | REF | REF |
| Moderate/ mild drought | 0.1 (-1.1, 1.4) | -0.2 (-1.4, 1.0) | 0.4 (-0.6, 1.3) | 0.3 (-0.7, 1.3) | 0.7\*\* (0.3, 1.2) | 0.7\*\* (0.2, 1.2) | 0.7\*\*\* (0.3, 1.2) | 0.7\*\* (0.2, 1.2) |
| Severe drought | 2.9\*\* (1.2, 4.5) | 2.8\*\* (1.2, 4.4) | 0.5 (-0.9, 1.9) | 0.4 (-1.1, 1.7) | 0.9\* (0.1, 1.6) | 0.8\* (0.1, 1.5) | 1.2\*\* (0.4, 2.1) | 1.2\*\* (0.4, 2.0) |
| Coefficients are presented as marginal risk difference estimates in percentage points from logistic regression models with 95% confidence intervals in parentheses. The unadjusted model includes country-level fixed effects. The adjusted model includes age category, literacy, marital status, number of births, household size, rural, husband/partner’s age, and husband/partner’s education. Standard errors are clustered at the EA level.Asterisks denote level of significance \*\*p<0.01 \*\*p<0.05 |