Conflict and Health in the Islamic World

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Under-5 Mortality Rate in MMCs, 1990-2015
Comparing Conflict to Non-Conflict Coverage of Interventions Across the Continuum of Care in Muslim Majority Countries

- Contraceptive Use: Any Method (NCC=35, CC=7)
- Demand for Family Planning: Satisfied (NCC=35, CC=10)
- Antenatal care (1 or visits) (NCC=38, CC=8)
- Antenatal care (4+ visits) (NCC=28, CC=7)
- Skilled attendant at birth (NCC=36, CC=8)
- Initiation of breastfeeding within 1 hour of birth (NCC=29, CC=6)
- Postnatal care for newborns within 2 days (NCC=7, CC=10)
- Postnatal care for mothers within 2 days (NCC=8, CC=2)
- Exclusive breastfeeding (0-5 months) (NCC=23, CC=9)
- Introduction of solid or semi-solid food (NCC=25, CC=5)
- Hib3 (NCC=35, CC=9)
- Measles (NCC=36, CC=9)
- DPT3 (NCC=35, CC=9)
- Oral rehydration with continued feeding (NCC=29, CC=7)
- Diarrhea treatment (ORS) (NCC=26, CC=8)
- Care-seeking for pneumonia (NCC=27, CC=7)
- Antibiotics for pneumonia (NCC=23, CC=7)
- Improved drinking water sources (NCC=35, CC=9)
- Improved sanitation facilities (NCC=35, CC=10)


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Measles and SBA Rank in MMCs, 2015
(Conflict countries in red)
Relative Inequality in MMCs, 2015
*All absolute inequalities higher in conflict countries

Relative Inequality (Concentration Index) among MMCs

Relative Inequality (Concentration Index) among MMCs

Composite coverage index
Antenatal care
BCG vaccination
Care seeking for pneumonia
DPT vaccination
Family planning satisfied
Measles vaccination
Oral rehydation therapy
Skilled birth attendance
Relative Inequality in MMCs, 2015

*All relative inequalities higher in conflict countries

Absolute Inequality (Slope Index of Inequality) among MMCs

- Composite coverage index
- Antenatal care
- BCG vaccination
- Care seeking for pneumonia
- DPT vaccination
- Family planning satisfied
- Measles vaccination
- Oral rehydration therapy
- Skilled birth attendance
Predictors of ARR in U5MR (1990-2015) in MMCs (less HIC)

<table>
<thead>
<tr>
<th>Distal: Context and Governance</th>
<th>Dependent</th>
<th>Parameter</th>
<th>Estimate</th>
<th>P value</th>
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<th>upper</th>
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<tbody>
<tr>
<td>ARR</td>
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<td>Refugee Rate</td>
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</table>

| Intermediary: Interventions | Dependent | C-Section (%) | 0.04102 | 0.0839 | -0.00339 | 0.08544 |
| ARR                          | Exclusive BF 6 months | 0.02365 | 0.1286 | -0.0057 | 0.05301 |
| ARR                          | Tetanus protection | 0.09059 | 0.0031 | 0.03713 | 0.14406 |

| Proximal | Dependent | HIV prevalence | -1.2872 | 0.0174 | -2.26409 | -0.3102 |
| ARR      | Stunting | Stunting      | -0.0664 | 0.018  | -0.11679 | -0.016  |