**Appendix**

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| **Appendix A: Descriptive overview of the dataset** |
| *Technical detail* | *Mean**(Standard deviation)* | *Median**(Minimum; maximum)* |
| Plurality/Majority formula | 0.177 (.382) | 0 (0; 1) |
| Mixed formula (MMM or MMP) | 0.208 (.406) | 0 (0; 1) |
| Average district magnitude | 39.078 (96.169) | 8 (1; 656) |
| Legal threshold | 1.595 (2.113) | 0 (0; 10) |
| Share of SMDs | 0.287 (.401) | 0 (0; 1) |
| Compensatory PR tier (MMP) | 0.08 (.272) | 0 (0; 1) |
| National top-up tier | 0.235 (.424) | 0 (0; 1) |

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| **Appendix B: Logit regression models with general design types** |
|  | *Model 1* | *Model 2* | *Model 3* | *Model 4* |
| *Variables* | Doubly good | Doubly good | Doubly bad | Doubly bad |
|  |  |  |  |  |
| PR (high dm) | 1.122\*\* | 0.958\* | 0.412 | 0.360 |
|  | (0.561) | (0.575) | (0.408) | (0.578) |
| PR (moderate dm) | 1.845\*\*\* | 1.760\*\*\* | 0.0870 | 0.144 |
|  | (0.524) | (0.537) | (0.429) | (0.568) |
| MMP | 2.281\*\*\* | 2.083\*\*\* | 0.146 | 0.287 |
|  | (0.589) | (0.604) | (0.533) | (0.449) |
| MMM | 0.360 | 0.134 | 0.416 | 0.239 |
|  | (0.617) | (0.635) | (0.539) | (0.438) |
| Level of democracy | -0.0518 | -0.105 | 0.0148 | 0.0619 |
|  | (0.0702) | (0.0707) | (0.0453) | (0.0490) |
| Age of democracy | -0.0233\*\*\* | -0.0198\*\*\* | -0.0144 | -0.0216\*\*\* |
|  | (0.00634) | (0.00653) | (0.00751) | (0.00828) |
| Presidential power | -1.563\* | -0.608 | 1.075 | 0.934 |
|  | (0.921) | (1.007) | (0.812) | (0.851) |
| Political decentralization | 0.728\*\*\* | 0.753\*\*\* | -0.357 | -0.318 |
| (0.277) | (0.279) | (0.280) | (0.287) |
| Ethnic heterogeneity |  | -2.389\*\*\* |  | 1.566\*\* |
|  | (0.674) |  | (0.638) |
| Constant | -2.092\*\*\* | -1.094 |  | -2.311\*\*\* |
|  | (0.761) | (0.766) |  | (0.762) |
|  |  |  |  |  |
| Observations | 563 | 534 | 563 | 534 |
| Pseudo R² | 0.1018 | 0.1211 | 0.0431 | 0.0708 |

Notes: Robust standard errors in parentheses; \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.