# PRILOZI

**Prilog 1.** Ovisnost parametara modela o parametrima assim, mobility, tolerance i organization

| Parametar | Opis parametra | Ovisnost |
|---|---|---|
| $1 - g_{A1}$ | lgaGrievancesForgettingRate | $assim_A$ ++ |
| $g_{A2}$ | lgaGrievancesMaxIncrease | $mobility_A$ + |
| $g_{A3}$ | lgaGrievancesGovViolenceSensitivity | *const.* |
| $g_{A4}$ | lgaGrievancesMGOViolenceSensitivity | *const.* |
| $g_{A5}$ | lgaGrievancesSocietalViolenceSensitivity | $mobility_A$ ++ |
| $g_{A6}$ | lgaGrievancesPrivilegesLossSensitivity | $mobility_A$ +, $tolerance_{Agov}$ −, $assim_A$ −− |
| $1 - e_{A1}$ | lgaEthnocentrismDecayRate | $assim_A$ ++, $tolerance_{Agov}$ ++ |
| $e_{A2}$ | lgaEthnocentrismMaxIncrease | $tolerance_{Agov}$ −, $assim_A$ −− |
| $s_{Agov1}$ | lgaSupportGovMaximum | *const.* |
| $s_{Agov2}$ | lgaSupportGovPoliticalSensibility | $tolerance_{Agov}$ −−, $mobility_A$ ++ |
| $s_{Agov3}$ | lgaSupportGovViolenceSensibility | *const.* |
| $s_{Amgo1}$ | lgaSupportMGOMaximum | $tolerance_{Agov}$ ++ |
| $s_{Amgo2}$ | lgaSupportMGOPoliticalSensibility | *const.* |
| $s_{Amgo3}$ | lgaSupportMGOViolenceSensibility | *const.* |
| $1 - g_{B1}$ | lgbGrievancesForgettingRate | $assim_B$ ++ |
| $g_{B2}$ | lgbGrievancesMaxIncrease | $mobility_B$ + |
| $g_{B3}$ | lgbGrievancesGovViolenceSensitivity | *const.* |
| $g_{B4}$ | lgbGrievancesMGOViolenceSensitivity | *const.* |
| $g_{B5}$ | lgbGrievancesSocietalViolenceSensitivity | $mobility_B$ ++ |
| $g_{B6}$ | lgbGrievancesClosureIncreaseSensitivity | $mobility_B$ +, $assim_B$ −− |

| Parametar | Opis parametra | Ovisnost |
|---|---|---|
| $1 - e_{B1}$ | lgbEthnocentrismDecayRate | $tolerance_{Bmgo}$ ++, $assim_B$ ++ |
| $e_{B2}$ | lgbEthnocentrismMaxIncrease | $tolerance_{Bmgo}$ −, $assim_B$ −− |
| $s_{Bgov1}$ | lgbSupportGovMaximum | $assim_B$ ++ |
| $s_{Bgov2}$ | lgbSupportGovPoliticalSensibility | *const.* |
| $s_{Bgov3}$ | lgbSupportGovFearSensibility | *const.* |
| $s_{Bmgo1}$ | lgbSupportMGOMaximum | *const.* |
| $s_{Bmgo2}$ | lgbSupportMGOPoliticalSensibility | *const.* |
| $s_{Bmgo3}$ | lgbSupportMGOInternalTiesSensibility | $mobility_B$ ++, $assim_B$ −− |
| $pp_{mgo1}$ | mgoPoliticalPositionMaxChange | $organization_{mgo}$ + |
| $pp_{mgo2}$ | mgoPoliticalPositionPublicSensibility | $tolerance_{Bmgo}$ ++ |
| $pp_{mgo3}$ | mgoPoliticalPositionViolenceSensibility | *const.* |
| $pp_{mgo4}$ | mgoPoliticalPositionExternalSensitivity | *const.* |
| $pp_{mgo5}$ | mgoPoliticalPositionNegotiationSensitivity | $tolerance_{Bmgo}$ ++, $organization_{mgo}$ + |
| $pr_{mgoA}$ | mgoPropagandaLGAMaxIntensity | $organization_{mgo}$ ++ |
| $pr_{mgoB}$ | mgoPropagandaLGBMaxIntensity | $organization_{mgo}$ ++ |
| $1 - sv_{mgo1}$ | mgoStrategicViolenceDecayRate | $tolerance_{Bmgo}$ ++, $organization_{mgo}$ − |
| $sv_{mgo2}$ | mgoStrategicViolenceMaxIncreaseRate | $organization_{mgo}$ ++ |
| $sv_{mgo3}$ | mgoStrategicViolenceViolenceSensitivity | $organization_{mgo}$ + |
| $sv_{mgo4}$ | mgoStrategicViolencePoliticalSensitivity | $tolerance_{Bmgo}$ −− |

| Parametar | Opis parametra | Ovisnost |
|---|---|---|
| $sv_{mgo5}$ | mgoStrategicViolencePoliticalDifferencesTreshold | $tolerance_{Bmgo}$ ++ |
| $sv_{mgo6}$ | mgoStrategicViolenceThreatTreshold | $tolerance_{Bmgo}$ ++, $organization_{mgo}$ + |
| $sv_{mgo7}$ | mgoStrategicViolenceRiskTreshold | $organization_{mgo}$ + |
| $1 - st_{mgo1}$ | mgoStrengthDecayRate | $organization_{mgo}$ − |
| $st_{mgo2}$ | mgoStrengthPublicSupportIncreaseRate | $tolerance_{Bmgo}$ + |
| $st_{mgo}$ | mgoStrengthExternalSupportIncreaseRate | *const.* |
| $st_{mgo4}$ | mgoStrengthInternalGrowthIncreaseRate | $organization_{mgo}$ ++ |
| $st_{mgo5}$ | mgoStrengthOperationsDecreaseRate | $organization_{mgo}$ −− |
| $st_{mgo6}$ | mgoStrengthLossesDecreaseRate | $organization_{mgo}$ −− |
| $pp_{gov1}$ | govPoliticalPositionMaxChange | $organization_{gov}$ + |
| $pp_{gov2}$ | govPoliticalPositionPublicSensibility | $tolerance_{Agov}$ ++ |
| $pp_{gov3}$ | govPoliticalPositionMGOViolenceSensitivity | *const.* |
| $pp_{gov4}$ | govPoliticalPositionExternalSensitivity | *const.* |
| $pp_{gov5}$ | govPoliticalPositionNegotiationSensitivity | $tolerance_{Agov}$ ++, $organization_{gov}$ + |
| $pr_{govA}$ | govPropagandaLGAMaxIntensity | $organization_{gov}$ ++ |
| $pr_{gov}$ | govPropagandaLGBMaxIntensity | $organization_{gov}$ ++ |
| $1 - sv_{gov1}$ | govStrategicViolenceDecayRate | $tolerance_{Agov}$ ++, $organization_{gov}$ − |
| $sv_{gov}$ | govStrategicViolenceMaxIncreaseRate | $organization_{gov}$ ++ |
| $sv_{gov}$ | govStrategicViolenceViolenceSensitivity | $organization_{gov}$ + |
| $sv_{gov}$ | mgoStrategicViolencePoliticalSensitivity | $tolerance_{Agov}$ −− |

| Parametar | Opis parametra | Ovisnost |
|---|---|---|
| $sv_{gov5}$ | mgoStrategicViolencePoliticalDifferencesTreshold | $tolerance_{Agov}$ ++ |
| $sv_{gov6}$ | mgoStrategicViolenceThreatTreshold | $tolerance_{Agov}$ ++,<br>$organization_{gov}$ + |
| $sv_{gov7}$ | mgoStrategicViolenceRiskTreshold | $organization_{gov}$ + |
| $1 - st_{gov1}$ | govStrengthDecayRate | $organization_{gov}$ − |
| $st_{gov2}$ | govStrengthPublicSupportIncreaseRate | $tolerance_{Agov}$ + |
| $st_{gov3}$ | govStrengthExternalSupportIncreaseRate | *const.* |
| $st_{gov4}$ | govStrengthInternalGrowthIncreaseRate | $organization_{gov}$ ++ |
| $st_{gov5}$ | govStrengthOperationsDecreaseRate | $organization_{gov}$ −− |
| $st_{gov6}$ | govStrengthLossesDecreaseRate | $organization_{gov}$ −− |

**Prilog 2.** Vrijednosti parametara modela u eksperimentima sa Slike 5.4

| Parametar | Opis parametra | a) | b) | c) | d) | e) |
|---|---|---|---|---|---|---|
| $1 - g_{A1}$ | lgaGrievancesForgettingRate | 0,001 | 0,01 | 0,01 | 0,01 | 0,001 |
| $g_{A2}$ | lgaGrievancesMaxIncrease | 1,2 | 1 | 1 | 1 | 1,2 |
| $g_{A3}$ | lgaGrievancesGovViolenceSensitivity | 0,7 | 0 | 0 | 0 | 0,7 |
| $g_{A4}$ | lgaGrievancesMGOViolenceSensitivity | 1 | 1 | 1 | 1 | 1 |
| $g_{A5}$ | lgaGrievancesSocietalViolenceSensitivity | 1 | 0,33 | 0,33 | 0,33 | 1 |
| $g_{A6}$ | lgaGrievancesPrivilegesLossSensitivity | 0,45 | 0,75 | 0,9 | 0,9 | 0,9 |
| $1 - e_{A1}$ | lgaEthnocentrismDecayRate | 0,03 | 0,05 | 0,03 | 0,03 | 0,015 |
| $e_{A2}$ | lgaEthnocentrismMaxIncrease | 0,6 | 1 | 1,2 | 1,2 | 1,2 |
| $s_{Agov1}$ | lgaSupportGovMaximum | 1 | 1 | 1 | 1 | 1 |
| $s_{Agov2}$ | lgaSupportGovPoliticalSensibility | 0 | 0,8 | 1,1 | 1,1 | 5 |
| $s_{Agov3}$ | lgaSupportGovViolenceSensibility | 1 | 1 | 1 | 1 | 1 |
| $s_{Amgo1}$ | lgaSupportMGOMaximum | 0 | 0 | 0 | 0 | 0 |
| $s_{Amgo2}$ | lgaSupportMGOPoliticalSensibility | 1 | 1 | 1 | 1 | 1 |
| $s_{Amgo3}$ | lgaSupportMGOViolenceSensibility | 0 | 0 | 0 | 0 | 0 |
| $1 - g_{B1}$ | lgbGrievancesForgettingRate | 0,001 | 0,01 | 0,004 | 0,0004 | 0,001 |
| $g_{B2}$ | lgbGrievancesMaxIncrease | 0,9 | 1 | 1,2 | 1,2 | 0,9 |
| $g_{B3}$ | lgbGrievancesGovViolenceSensitivity | 1 | 1 | 1 | 1 | 1 |
| $g_{B4}$ | lgbGrievancesMGOViolenceSensitivity | 0 | 0 | 0 | 0 | 0 |
| $g_{B5}$ | lgbGrievancesSocietalViolenceSens | 0,1 | 0,1 | 0,1 | 0,1 | 0,1 |
| $g_{B6}$ | lgbGrievancesClosureIncreaseSens | 0,6 | 0,5 | 0,6 | 1,14 | 0,6 |
| $1 - e_{B1}$ | lgbEthnocentrismDecayRate | 0,015 | 0,02 | 0,015 | 0,0015 | 0,003 |
| $e_{B2}$ | lgbEthnocentrismMaxIncrease | 1,2 | 1 | 1,2 | 2,28 | 1,68 |
| $s_{Bgov1}$ | lgbSupportGovMaximum | 0,65 | 0,82 | 0,65 | 0,065 | 0,65 |
| $s_{Bgov2}$ | lgbSupportGovPoliticalSensibility | 1 | 1 | 1 | 1 | 1 |
| $s_{Bgov3}$ | lgbSupportGovFearSensibility | 0 | 0 | 0 | 0 | 0 |

| Parametar | Opis parametra | a) | b) | c) | d) | e) |
|---|---|---|---|---|---|---|
| $s_{Bmgo1}$ | lgbSupportMGOMaximum | 1 | 1 | 1 | 1 | 1 |
| $s_{Bmgo2}$ | lgbSupportMGOPoliticalSensibility | 1 | 1 | 1 | 1 | 1 |
| $s_{Bmgo3}$ | lgbSupportMGOInternalTiesSensibility | 0,6 | 0,5 | 0,6 | 1,14 | 0,6 |
| $pp_{mgo1}$ | mgoPoliticalPositionMaxChange | 5 | 1 | 5 | 5 | 5 |
| $pp_{mgo2}$ | mgoPoliticalPositionPublicSensibility | 10 | 1 | 10 | 10 | 2 |
| $pp_{mgo3}$ | mgoPoliticalPositionViolenceSensibility | 1 | 1 | 1 | 1 | 1 |
| $pp_{mgo4}$ | mgoPoliticalPositionExternalSensitivity | 0 | 0 | 0 | 0 | 0 |
| $pp_{mgo5}$ | mgoPoliticalPositionNegotiationSens | 1 | 1 | 1 | 1 | 0,2 |
| $pr_{mgoA}$ | mgoPropagandaLGAMaxIntensity | 400 | 1 | 1 | 1 | 400 |
| $pr_{mgoB}$ | mgoPropagandaLGBMaxIntensity | 500 | 1 | 1 | 1 | 500 |
| $1 - sv_{mgo1}$ | mgoStrategicViolenceDecayRate | 0,1 | 0,1 | 0,1 | 0,1 | 0,02 |
| $sv_{mgo2}$ | mgoStrategicViolenceMaxIncreaseRate | 1 | 1 | 1 | 1 | 1 |
| $sv_{mgo3}$ | mgoStrategicViolenceViolenceSensitivity | 1 | 1 | 1 | 1 | 1 |
| $sv_{mgo4}$ | mgoStrategicViolencePoliticalSensitivity | 0,5 | 0 | 0,5 | 0,5 | 0,9 |
| $sv_{mgo5}$ | mgoStrategicViolencePoliticalDifferencesTreshold | 0,5 | 0,5 | 0,5 | 0,5 | 0,1 |
| $sv_{mgo6}$ | mgoStrategicViolenceThreatTreshold | 2 | 1 | 2 | 2 | 0,4 |
| $sv_{mgo7}$ | mgoStrategicViolenceRiskTreshold | 0,33 | 0,33 | 0,33 | 0,33 | 0,33 |
| $1 - st_{mgo1}$ | mgoStrengthDecayRate | 0,1 | 0,1 | 0,1 | 0,1 | 0,1 |
| $st_{mgo2}$ | mgoStrengthPublicSupportIncreaseRate | 1 | 1 | 1 | 1 | 0,6 |
| $st_{mgo}$ | mgoStrengthExternalSupportIncRate | 0 | 0 | 0 | 0 | 0 |
| $st_{mgo4}$ | mgoStrengthInternalGrowthIncRate | 0,5 | 0,5 | 0,5 | 0,5 | 0,5 |
| $st_{mgo5}$ | mgoStrengthOperationsDecreaseRate | 1,5 | 1,5 | 1,5 | 1,5 | 1,5 |
| $st_{mgo6}$ | mgoStrengthLossesDecreaseRate | 5 | 5 | 5 | 5 | 5 |

| Parametar | Opis parametra | a) | b) | c) | d) | e) |
|---|---|---|---|---|---|---|
| $pp_{gov1}$ | govPoliticalPositionMaxChange | 1 | 1 | 1,45 | 1,45 | 1 |
| $pp_{gov2}$ | govPoliticalPositionPublicSensibility | 1,2 | 1 | 0,6 | 0,6 | 0,6 |
| $pp_{gov3}$ | govPoliticalPositionMGOViolenceSens | 1 | 1 | 1 | 1 | 1 |
| $pp_{gov4}$ | govPoliticalPositionExternalSensitivity | 0 | 0 | 0 | 0 | 0 |
| $pp_{gov5}$ | govPoliticalPositionNegotiationSens | 1,2 | 1 | 0,87 | 0,87 | 0,6 |
| $pr_{govA}$ | govPropagandaLGAMaxIntensity | 500 | 1 | 1,9 | 1,9 | 500 |
| $pr_{gov}$ | govPropagandaLGBMaxIntensity | 450 | 1 | 1,9 | 1,9 | 450 |
| $1-sv_{gov1}$ | govStrategicViolenceDecayRate | 0,023 | 0,25 | 0,05 | 0,05 | 0,0115 |
| $sv_{gov}$ | govStrategicViolenceMaxIncreaseRate | 0,98 | 1 | 1,9 | 1,9 | 0,98 |
| $sv_{gov}$ | govStrategicViolenceViolenceSensitivity | 1 | 1 | 1,45 | 1,45 | 1 |
| $sv_{gov}$ | mgoStrategicViolencePoliticalSensitivity | 0 | 1 | 0,69 | 0,69 | 0,71 |
| $sv_{gov5}$ | mgoStrategicViolencePoliticalDifferencesTreshold | 0,6 | 0,3 | 0,3 | 0,3 | 0,3 |
| $sv_{gov6}$ | mgoStrategicViolenceThreatTreshold | 0,3 | 1 | 0,2175 | 0,2175 | 0,15 |
| $sv_{gov7}$ | mgoStrategicViolenceRiskTreshold | 2 | 2 | 2,9 | 2,9 | 2 |
| $1-st_{gov1}$ | govStrengthDecayRate | 0,1 | 0,1 | 0,055 | 0,055 | 0,1 |
| $st_{gov2}$ | govStrengthPublicSupportIncreaseRate | 0,015 | 1 | 0,8 | 0,8 | 0,01 |
| $st_{gov3}$ | govStrengthExternalSupportIncRate | 0 | 0 | 0 | 0 | 0 |
| $st_{gov4}$ | govStrengthInternalGrowthIncRate | 0,8 | 0,8 | 1,52 | 1,52 | 0,8 |
| $st_{gov5}$ | govStrengthOperationsDecreaseRate | 3 | 3 | 0,3 | 0,3 | 3 |
| $st_{gov6}$ | govStrengthLossesDecreaseRate | 4 | 4 | 0,4 | 0,4 | 4 |