

# Appendix

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## APPENDIX A

The following official documents and websites were used for analysing the Central Asian governments' position towards religion:

Parliamentary Websites of the Central Asian countries:

- Kazakhstan: <http://www.parlam.kz/en>
- Kyrgyzstan: <http://www.kenesh.kg/>
- Tajikistan: <http://www.parlament.tj/>
- Uzbekistan: <http://parliament.gov.uz/en/>, Senate: <http://www.senat.gov.uz/en/index.html>

Constitutions of the Central Asian countries:

- Kazakhstan: [http://www.din.gov.kz/eng/pravovaja\\_baza/](http://www.din.gov.kz/eng/pravovaja_baza/) ; <http://www.constcouncil.kz/eng/norpb/constrk/#note8anc>
- Kyrgyzstan: [http://www.legislationline.org/download/action/download/id/31116/file/Kyrgyz%20Constitution%20-%20adopted%20by%20referendum%2027%20Jun2010\\_f\\_EN.pdf](http://www.legislationline.org/download/action/download/id/31116/file/Kyrgyz%20Constitution%20-%20adopted%20by%20referendum%2027%20Jun2010_f_EN.pdf)
- Tajikistan: <http://legislationline.org/download/action/download/id/1649/file/5f95858dea5e2a62de84f0c7f650.pdf>
- Uzbekistan: <http://legislationline.org/documents/action/popup/id/15850/preview>

Religious laws of the Central Asian countries: (24.9.2013)

- Kazakhstan: [http://www.legislationline.org/download/action/download/id/4091/file/Kazakhstan\\_Law\\_religious\\_freedoms\\_organisations\\_2011\\_en.pdf](http://www.legislationline.org/download/action/download/id/4091/file/Kazakhstan_Law_religious_freedoms_organisations_2011_en.pdf)
- Kyrgyzstan: <http://www.atc.kg/doc/zkr/3/>
- Tajikistan: <http://woltj.myl.ru/Doc/ZakPro.pdf>
- Uzbekistan: [http://religions.uz/rus/normativnaya\\_baza/zakoni/](http://religions.uz/rus/normativnaya_baza/zakoni/)

Websites of the Religious Committees of Central Asian countries:

- Kazakhstan: <http://www.din.gov.kz/eng/index.php> (English), <http://www.din.gov.kz/> (Kazakh)
- Kyrgyzstan: not available
- Tajikistan: not available
- Uzbekistan: <http://religions.uz/rus>

Websites of the Muftiates of Central Asian countries:

- Kazakhstan: <http://muftyat.kz/>
- Kyrgyzstan: <http://muftiyat.kg/>
- Tajikistan: not available
- Uzbekistan: <http://muslim.uz/>

## APPENDIX B

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globals [arbitrary-arrests]
breed [non-muslims non-muslim]
breed [muslims muslim]
breed [unofficial-muslims unofficial-muslim]
breed [securities security]
turtles-own [violent-means
              protest-time
              participated-in-protest
              prison-term
              arrested
              hit
              radicalized]
.....; SETUP;.....
to setup
clear-all
setup-patches
setup-non-muslims
setup-muslims
setup-securities
reset-ticks
end
to setup-patches
ask patches [set pcolor 9.9]
end
to setup-non-muslims
create-non-muslims 1250
ask non-muslims [setxy random-xcor random-ycor]
ask non-muslims [set color yellow]
end
to setup-muslims
create-muslims 3250
ask muslims [setxy random-xcor random-ycor]
ask muslims [set color 66]
ask n-of (count muslims / 1000) muslims [set color 74 set breed unofficial-
muslims ]

```

```

ask one-of unofficial-muslims [set color red set violent-means 1 set size
1.5]
end
to setup-securities
create-securities capacity-securities
ask securities [setxy random-xcor random-ycor]
ask securities [set color 105 set size 1.5]
end
..... GO;.....
to go
move-turtles
proselytize
protest
arrest
arrest-protestors
attack
radicalize
ask turtles [if hit > 0 [set hit hit - 1]]
ask turtles [if prison-term > 0 [set prison-term prison-term - 1]]
ask turtles [if protest-time > 0 [set protest-time protest-time - 1]]
tick
end
..... MOVE;.....
to move-turtles
ask turtles with [prison-term = 0] with [protest-time = 0] [left random 360
forward 1
end
..... PROSELYTIZE;.....
to proselytize
ask n-of ((count unofficial-muslims with [prison-term = 0] / (100 * con-
text-legitimacy) )+ 1) unofficial-muslims with [prison-term = 0]
[if any? muslims in-radius 1 [ ask one-of muslims in-radius 1 [set color 74
set breed unofficial-muslims]]]
end
..... ARREST;.....
to arrest
ask securities [ifelse (count unofficial-muslims > 10 * context-legitimacy)

```



## APPENDIX C

*Table 37: Initial Values and Parameters for Simulation*

|                               | Kazakhstan | Kyrgyzstan | Tajikistan | Uzbekistan |
|-------------------------------|------------|------------|------------|------------|
| <b>Initial Values</b>         |            |            |            |            |
| Security forces               | 22.5       | 17         | 10         | 15         |
| Non-Muslims                   | 1,500      | 1,250      | 300        | 350        |
| Ethnic-Muslims                | 3,500      | 3,750      | 4,700      | 4,650      |
| Religiosity of the society    | 1/1,000    | 1/1,000    | 1/100      | 1/100      |
| Jihadists                     | 1          | 1          | 1          | 1          |
| <b>Parameters</b>             |            |            |            |            |
| Context-legitimacy            | 4.25       | 5.00       | 4.25       | 3.5        |
| Capacities of Security forces | 35         | 11         | 4          | 19         |
| PTS                           | 2.40       | 2.38       | 2.75       | 2.83       |