

Prior sensitivity analysis

Female, Education level - A level and above

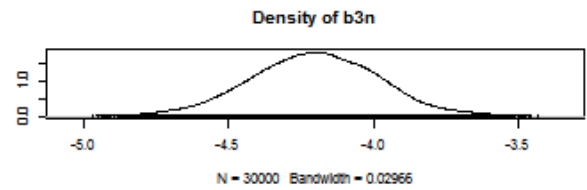
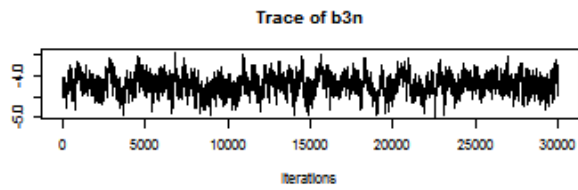
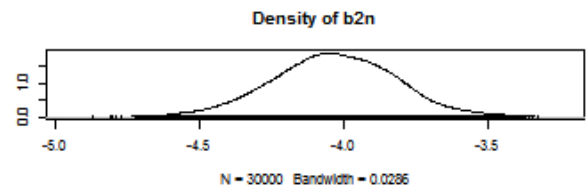
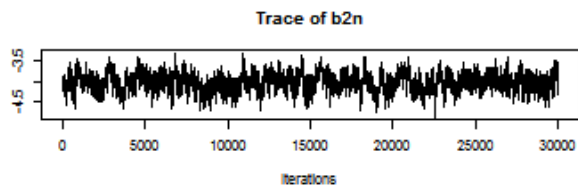
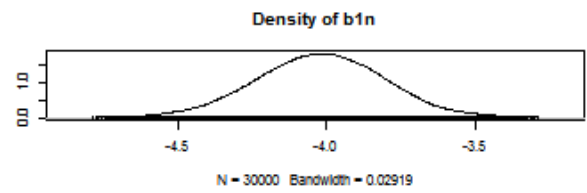
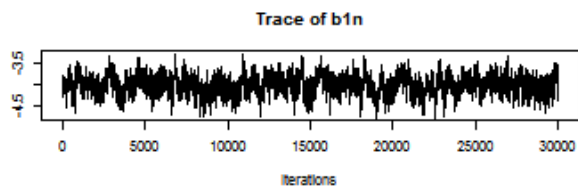
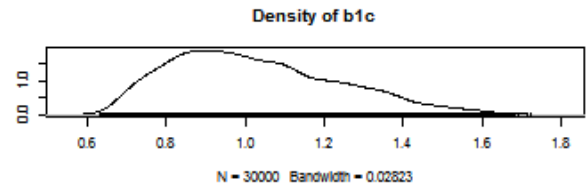
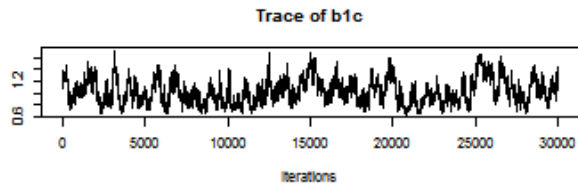
FALSE Loading required package: Matrix

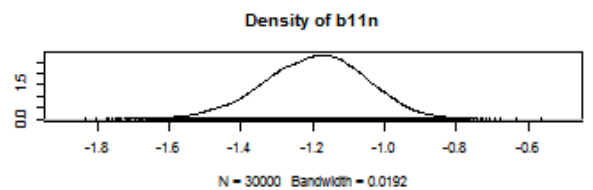
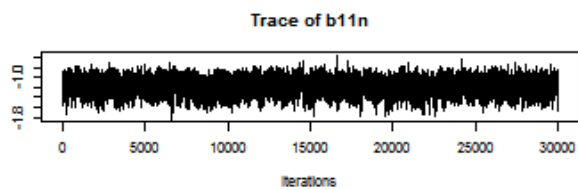
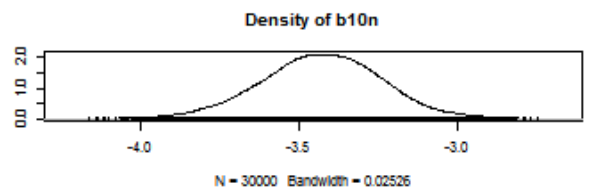
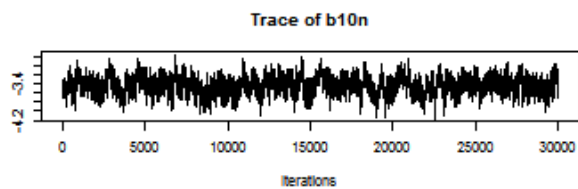
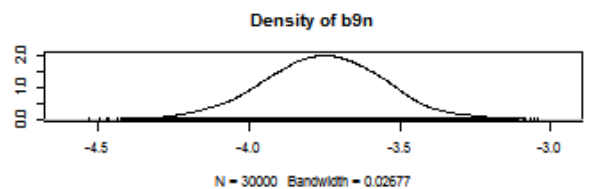
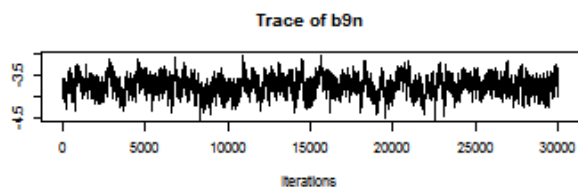
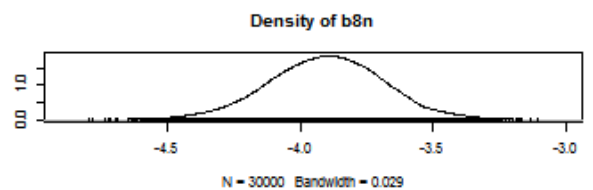
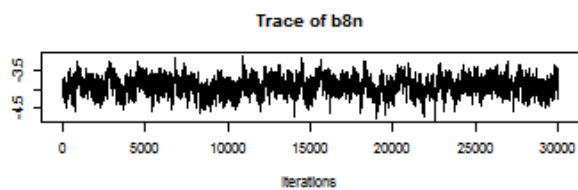
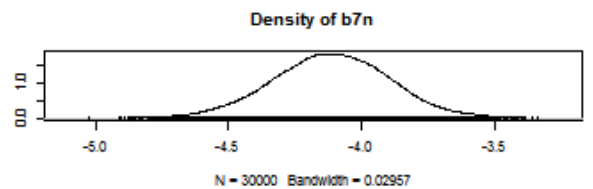
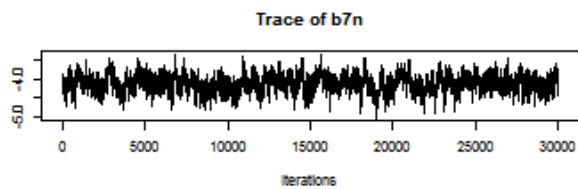
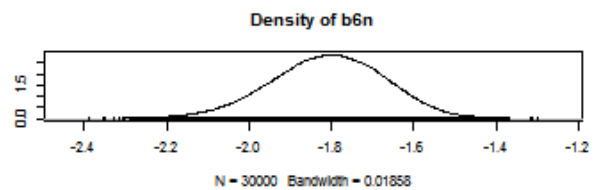
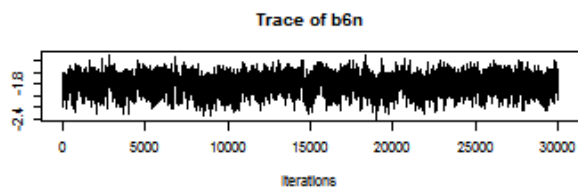
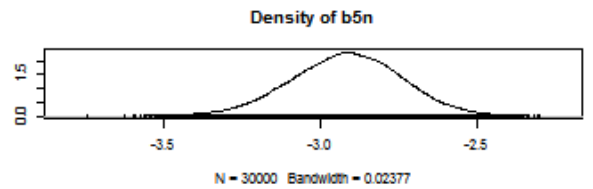
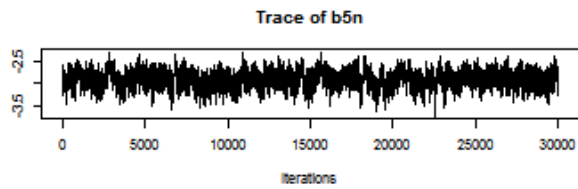
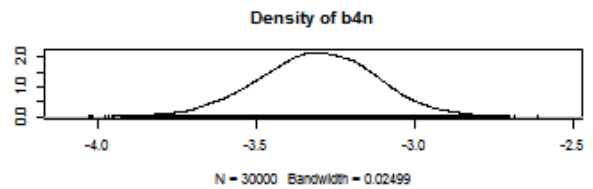
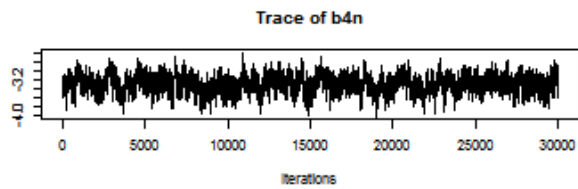
| | IF | Mean | SD | lower | upper |
|----------------|---------|--------|-------|--------|--------|
| β_1^C | 436.254 | 1.025 | 0.209 | 0.666 | 1.417 |
| β_1^N | 125.947 | -4.022 | 0.216 | -4.456 | -3.599 |
| β_2^N | 128.841 | -4.033 | 0.212 | -4.463 | -3.620 |
| β_3^N | 133.330 | -4.205 | 0.220 | -4.642 | -3.767 |
| β_4^N | 110.673 | -3.308 | 0.185 | -3.677 | -2.951 |
| β_5^N | 102.364 | -2.920 | 0.176 | -3.263 | -2.570 |
| β_6^N | 56.149 | -1.809 | 0.138 | -2.080 | -1.545 |
| β_7^N | 123.750 | -4.114 | 0.219 | -4.557 | -3.689 |
| β_8^N | 115.203 | -3.904 | 0.215 | -4.327 | -3.470 |
| β_9^N | 126.726 | -3.754 | 0.199 | -4.159 | -3.373 |
| β_{10}^N | 123.741 | -3.431 | 0.188 | -3.813 | -3.070 |
| β_{11}^N | 23.816 | -1.193 | 0.142 | -1.484 | -0.927 |
| β_{12}^N | 65.897 | -1.852 | 0.136 | -2.121 | -1.589 |
| β_{13}^N | 127.999 | -4.390 | 0.230 | -4.867 | -3.951 |
| β_{14}^N | 129.792 | -4.036 | 0.212 | -4.469 | -3.623 |
| β_{15}^N | 84.288 | -2.505 | 0.162 | -2.827 | -2.188 |
| β_{16}^N | 91.617 | -2.644 | 0.165 | -2.970 | -2.326 |
| β_{17}^N | 131.406 | -4.199 | 0.220 | -4.638 | -3.766 |
| β_{18}^N | 133.323 | -4.250 | 0.225 | -4.715 | -3.821 |
| β_{19}^N | 130.405 | -4.383 | 0.233 | -4.861 | -3.941 |
| β_{20}^N | 127.145 | -4.302 | 0.232 | -4.761 | -3.844 |
| β_{21}^N | 130.311 | -4.872 | 0.255 | -5.364 | -4.353 |
| β_{22}^N | 130.813 | -4.303 | 0.227 | -4.767 | -3.866 |
| β_{23}^N | 130.305 | -4.695 | 0.255 | -5.199 | -4.192 |
| β_{24}^N | 123.653 | -4.652 | 0.248 | -5.175 | -4.191 |

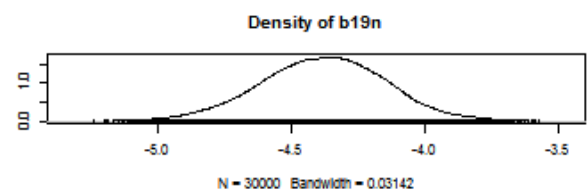
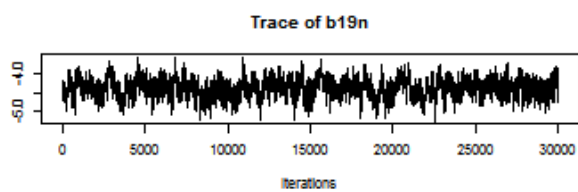
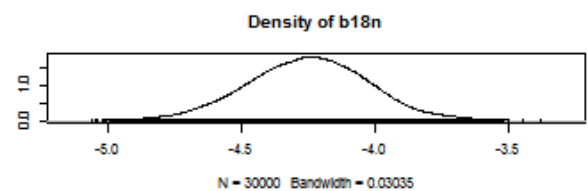
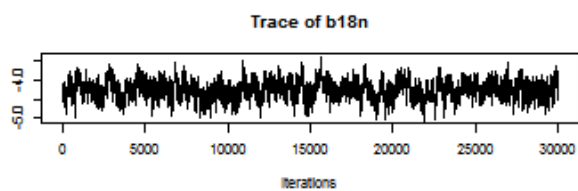
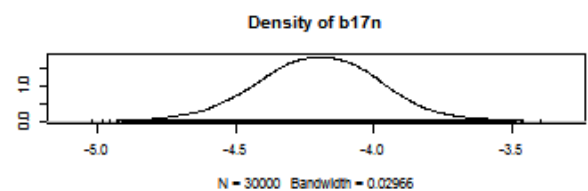
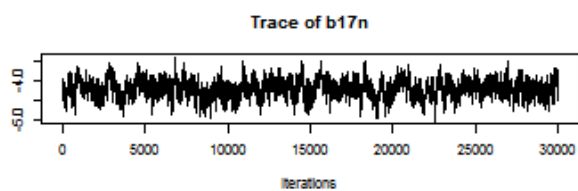
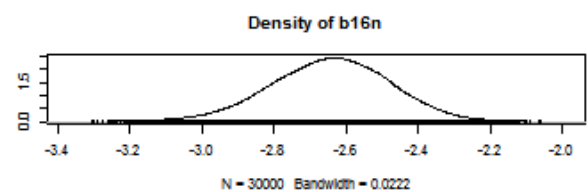
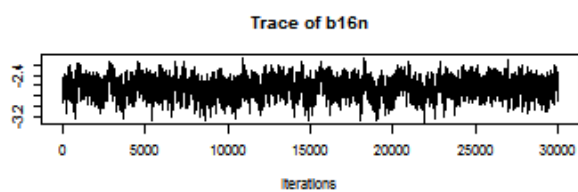
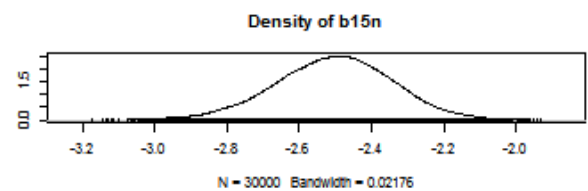
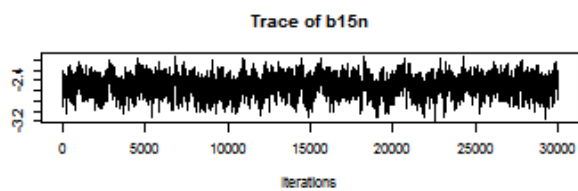
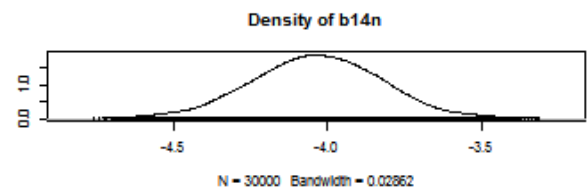
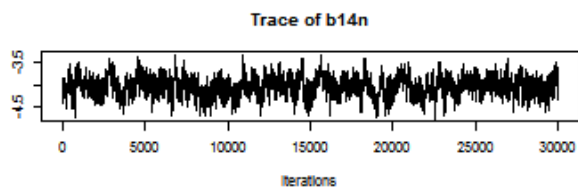
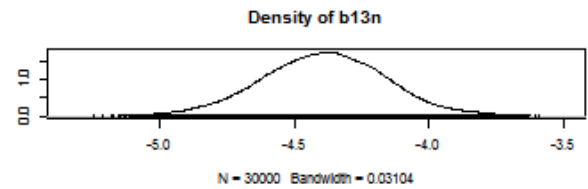
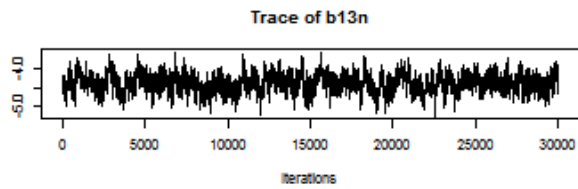
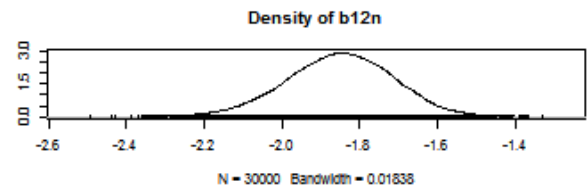
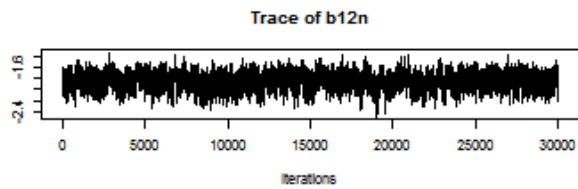
| | IF | Mean | SD | lower | upper |
|------------------|---------|--------|-------|--------|--------|
| β_{25}^N | 124.611 | -4.447 | 0.238 | -4.932 | -3.981 |
| β_{26}^N | 132.838 | -4.572 | 0.242 | -5.046 | -4.081 |
| β_{27}^N | 134.693 | -4.880 | 0.254 | -5.387 | -4.379 |
| β_{28}^N | 134.594 | -5.433 | 0.282 | -6.018 | -4.895 |
| β_{29}^N | 137.001 | -4.813 | 0.251 | -5.320 | -4.320 |
| β_{30}^N | 117.839 | -3.942 | 0.212 | -4.369 | -3.531 |
| β_{31}^N | 136.002 | -4.541 | 0.240 | -5.025 | -4.075 |
| β_{32}^N | 126.404 | -3.489 | 0.188 | -3.871 | -3.130 |
| β_{33}^N | 116.134 | -3.735 | 0.202 | -4.136 | -3.337 |
| β_{34}^N | 131.664 | -4.930 | 0.257 | -5.440 | -4.419 |
| β_{35}^N | 138.117 | -4.564 | 0.238 | -5.044 | -4.100 |
| β_{36}^N | 128.850 | -3.430 | 0.190 | -3.812 | -3.060 |
| β_{37}^N | 136.181 | -4.232 | 0.221 | -4.675 | -3.795 |
| β_{wage}^C | 3.129 | 0.201 | 0.110 | -0.017 | 0.417 |
| β_{wage}^N | 1.327 | 0.396 | 0.600 | -0.811 | 1.537 |
| σ_1^2 | 381.174 | 0.348 | 0.108 | 0.130 | 0.532 |
| σ_2^2 | 395.690 | 0.435 | 0.113 | 0.212 | 0.631 |
| σ_3^2 | 2.675 | 0.849 | 0.040 | 0.772 | 0.927 |
| σ_4^2 | 1.094 | 0.563 | 0.027 | 0.511 | 0.615 |
| σ_5^2 | 1.166 | 0.391 | 0.019 | 0.354 | 0.427 |
| σ_6^2 | 1.176 | 0.370 | 0.018 | 0.335 | 0.405 |
| σ_7^2 | 1.063 | 0.616 | 0.029 | 0.560 | 0.672 |
| σ_8^2 | 1.041 | 0.821 | 0.038 | 0.748 | 0.898 |
| σ_9^2 | 1.032 | 0.904 | 0.042 | 0.820 | 0.984 |
| σ_{10}^2 | 1.181 | 0.542 | 0.026 | 0.492 | 0.593 |
| σ_{11}^2 | 1.073 | 0.699 | 0.033 | 0.634 | 0.763 |
| σ_{12}^2 | 1.180 | 0.421 | 0.020 | 0.383 | 0.462 |
| σ_{13}^2 | 1.112 | 0.535 | 0.025 | 0.487 | 0.585 |
| σ_{14}^2 | 1.000 | 1.196 | 0.056 | 1.087 | 1.305 |
| σ_{15}^2 | 1.019 | 0.868 | 0.040 | 0.792 | 0.950 |
| σ_{16}^2 | 1.201 | 0.425 | 0.020 | 0.385 | 0.464 |
| σ_{17}^2 | 1.163 | 0.385 | 0.018 | 0.349 | 0.421 |

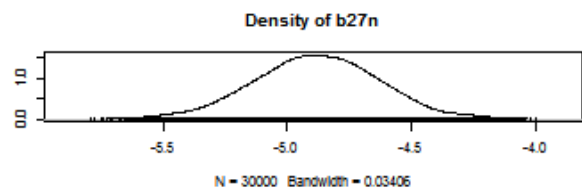
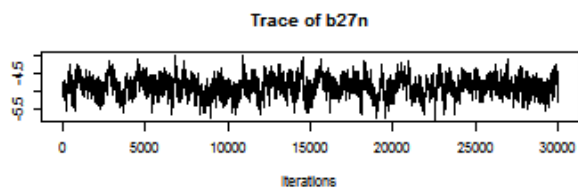
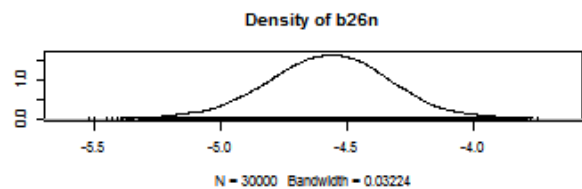
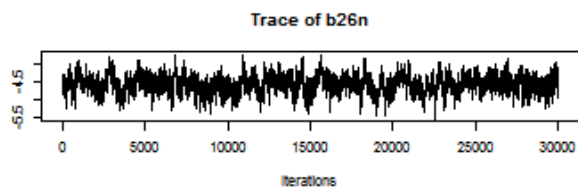
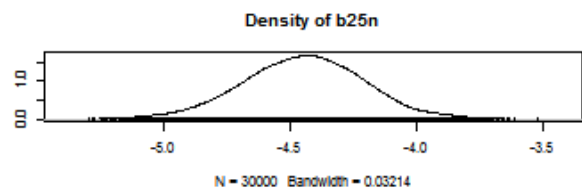
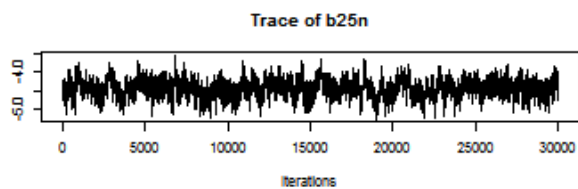
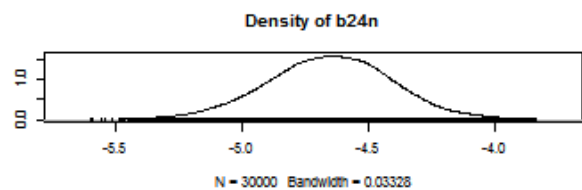
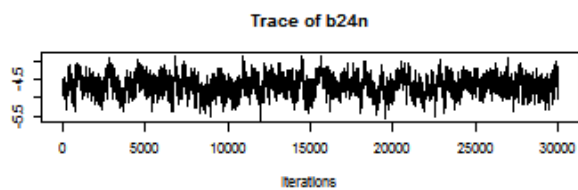
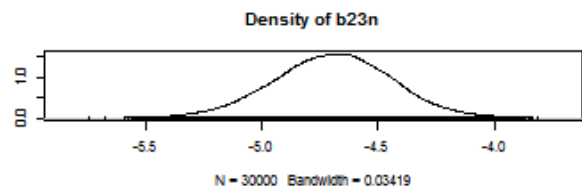
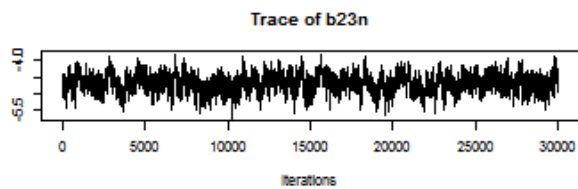
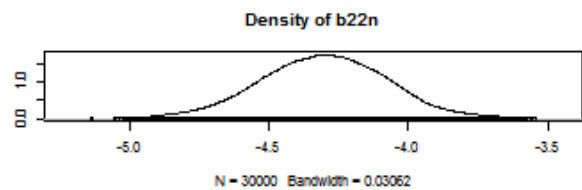
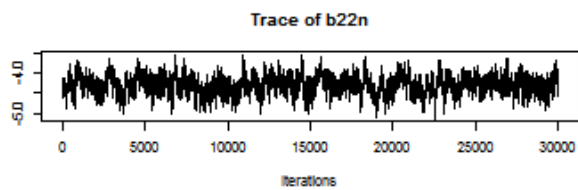
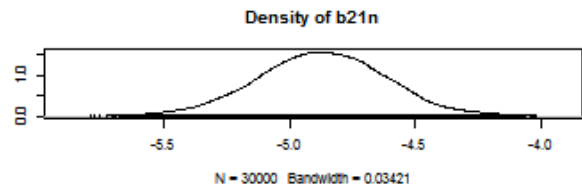
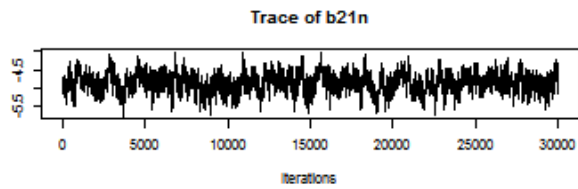
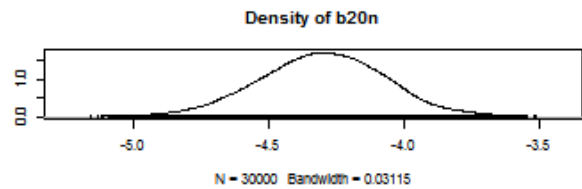
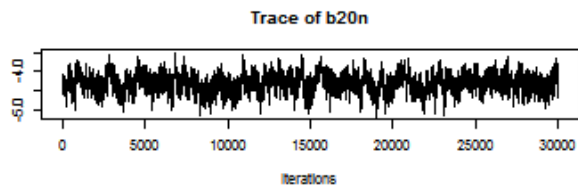
| | IF | Mean | SD | lower | upper |
|-----------------|---------|---------|---------|----------|---------|
| σ_{18}^2 | 1.034 | 0.889 | 0.042 | 0.808 | 0.970 |
| σ_{19}^2 | 1.028 | 0.831 | 0.039 | 0.755 | 0.905 |
| σ_{20}^2 | 1.158 | 0.396 | 0.019 | 0.359 | 0.433 |
| σ_{21}^2 | 1.201 | 0.478 | 0.023 | 0.434 | 0.524 |
| σ_{22}^2 | 1.145 | 0.525 | 0.025 | 0.477 | 0.575 |
| σ_{23}^2 | 1.164 | 0.596 | 0.028 | 0.541 | 0.651 |
| σ_{24}^2 | 1.329 | 0.427 | 0.021 | 0.386 | 0.469 |
| σ_{25}^2 | 1.181 | 0.438 | 0.021 | 0.396 | 0.478 |
| σ_{26}^2 | 1.129 | 0.772 | 0.037 | 0.700 | 0.843 |
| σ_{27}^2 | 1.135 | 0.585 | 0.028 | 0.530 | 0.640 |
| σ_{28}^2 | 1.107 | 0.651 | 0.031 | 0.592 | 0.713 |
| σ_{29}^2 | 1.166 | 0.525 | 0.025 | 0.477 | 0.575 |
| σ_{30}^2 | 1.259 | 0.386 | 0.019 | 0.350 | 0.424 |
| σ_{31}^2 | 1.273 | 0.483 | 0.023 | 0.439 | 0.529 |
| σ_{32}^2 | 1.220 | 0.412 | 0.020 | 0.373 | 0.452 |
| σ_{33}^2 | 1.125 | 0.548 | 0.026 | 0.498 | 0.600 |
| σ_{34}^2 | 1.198 | 0.515 | 0.025 | 0.467 | 0.564 |
| σ_{35}^2 | 1.094 | 0.451 | 0.021 | 0.410 | 0.493 |
| σ_{36}^2 | 1.086 | 0.561 | 0.027 | 0.510 | 0.614 |
| σ_{37}^2 | 1.272 | 0.444 | 0.021 | 0.404 | 0.488 |
| σ_{38}^2 | 1.265 | 0.411 | 0.020 | 0.374 | 0.452 |
| σ_{39}^2 | 1.064 | 0.589 | 0.028 | 0.535 | 0.643 |
| σ_{40}^2 | 1.200 | 0.373 | 0.018 | 0.338 | 0.408 |
| σ_{41}^2 | 1.034 | 3.440 | 0.161 | 3.126 | 3.757 |
| ϕ_1 | 360.917 | 0.537 | 0.112 | 0.337 | 0.752 |
| ϕ_2 | 121.150 | 0.014 | 0.001 | 0.011 | 0.017 |
| α_1 | 1.000 | -50.466 | 111.802 | -276.071 | 161.277 |
| α_2 | 1.000 | -50.481 | 111.800 | -274.691 | 162.565 |
| α_3 | 1.000 | 50.374 | 111.801 | -161.327 | 275.953 |
| α_4 | 1.000 | 50.406 | 111.801 | -161.357 | 276.041 |
| α_5 | 1.000 | 50.381 | 111.801 | -161.431 | 275.939 |
| α_6 | 1.000 | 50.348 | 111.801 | -161.486 | 275.803 |

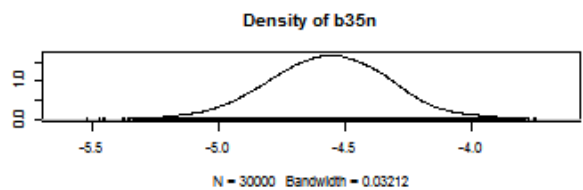
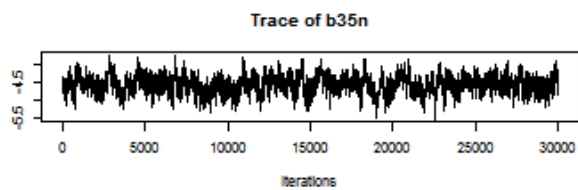
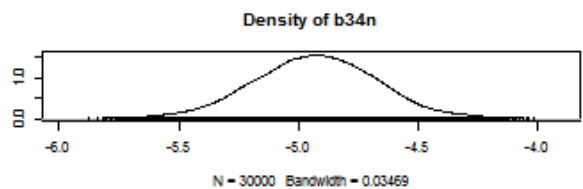
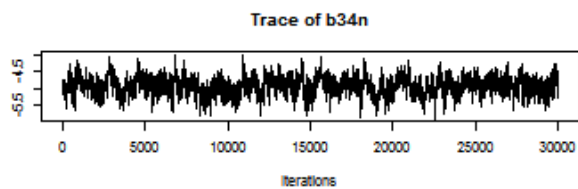
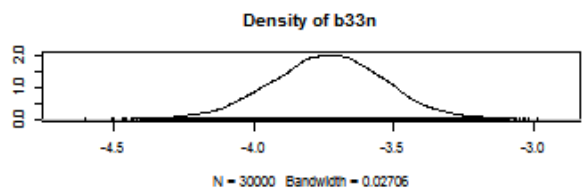
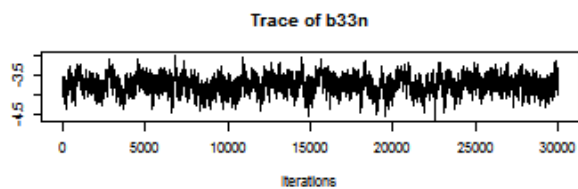
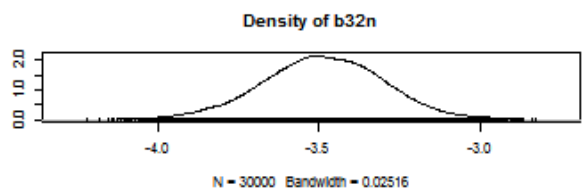
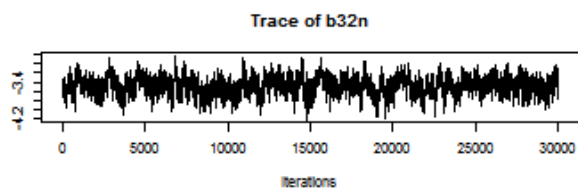
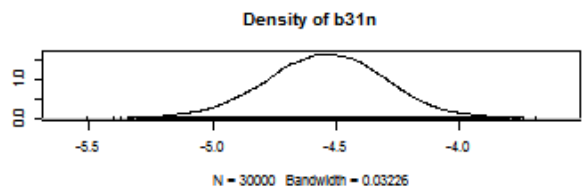
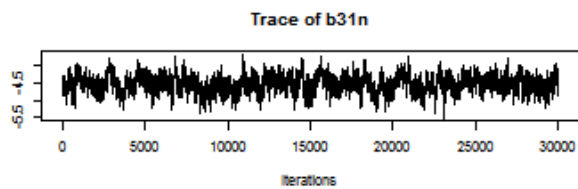
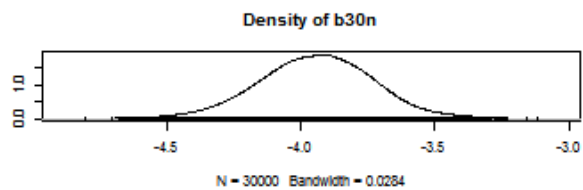
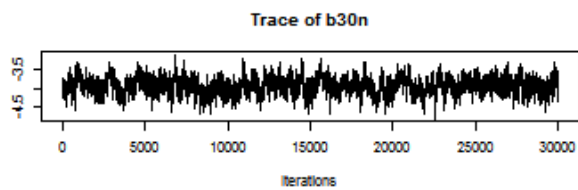
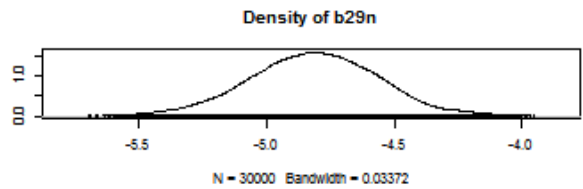
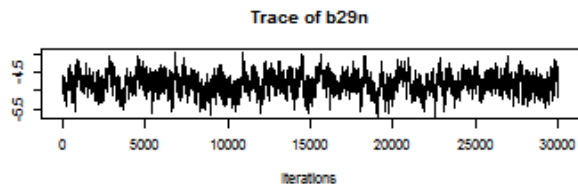
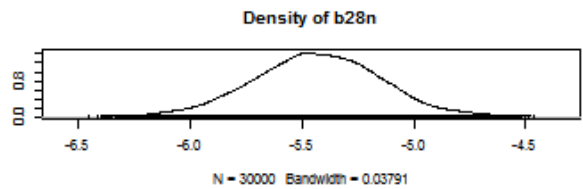
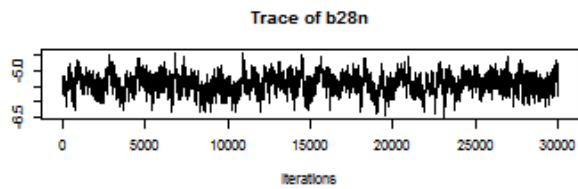
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|------------|-------|--------|---------|----------|---------|
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| α_9 | 1.044 | -0.075 | 0.062 | -0.195 | 0.046 |

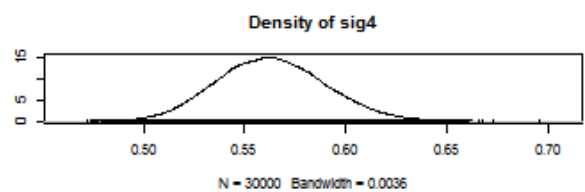
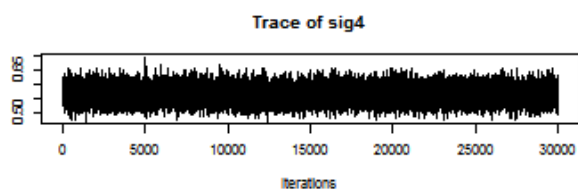
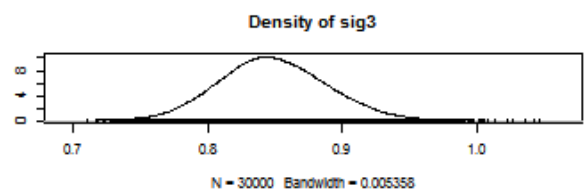
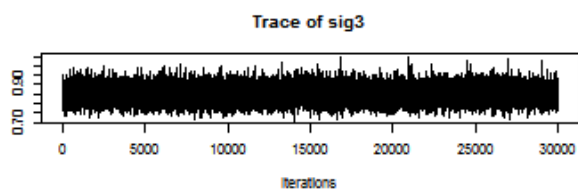
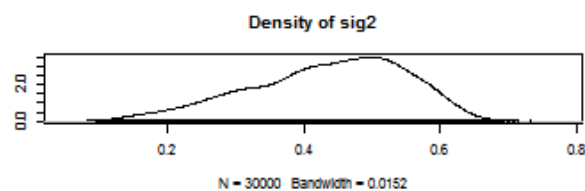
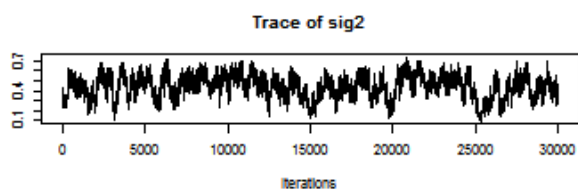
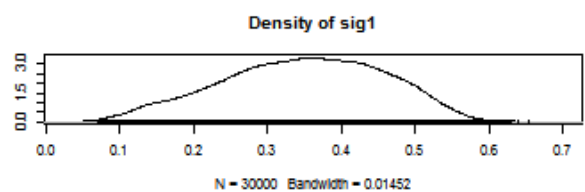
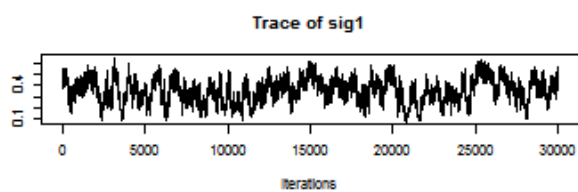
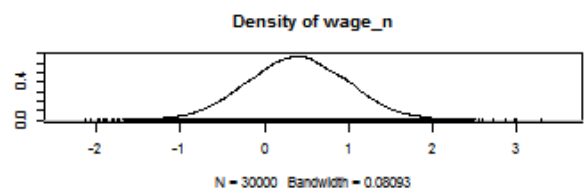
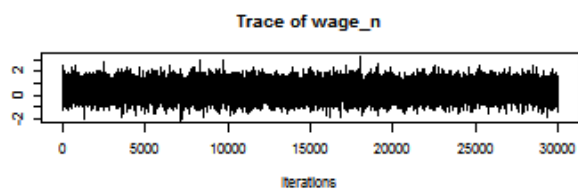
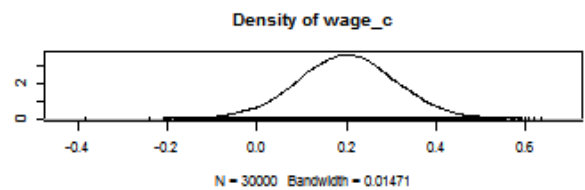
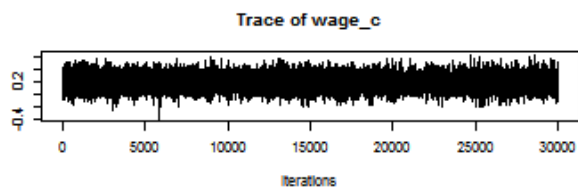
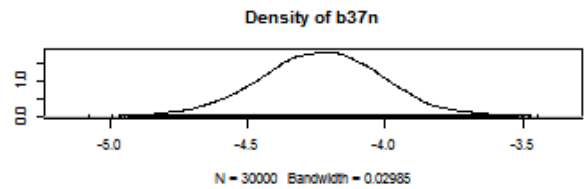
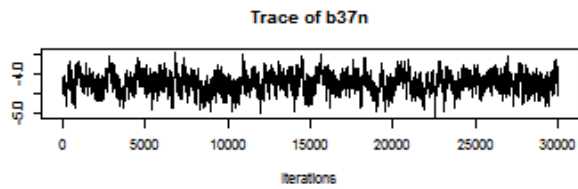
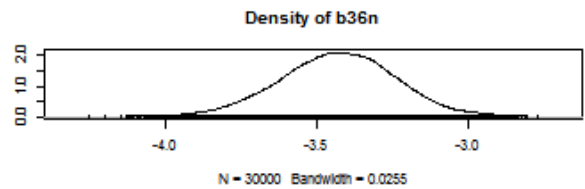
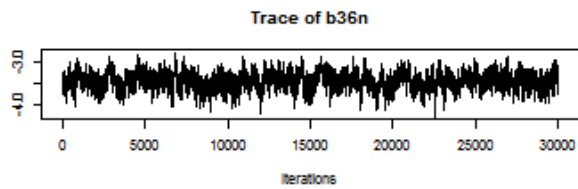


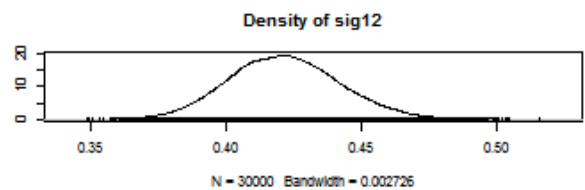
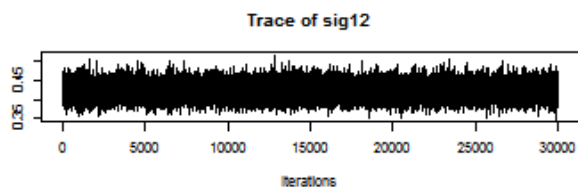
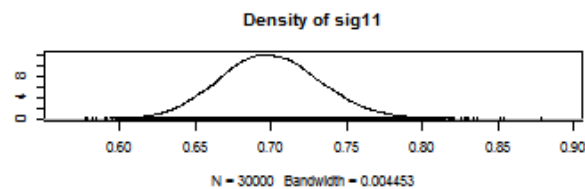
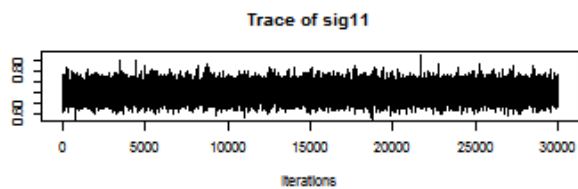
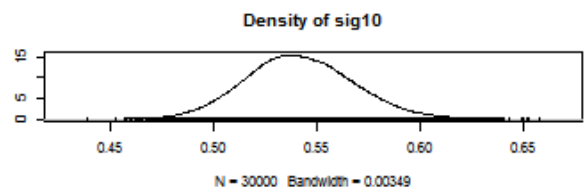
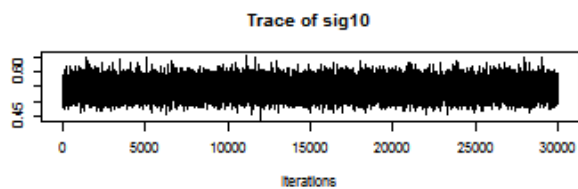
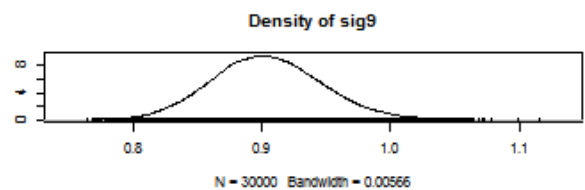
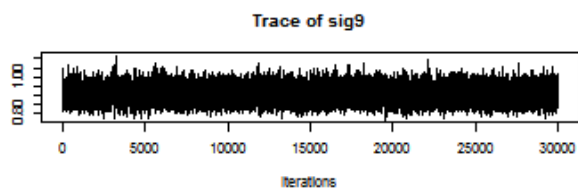
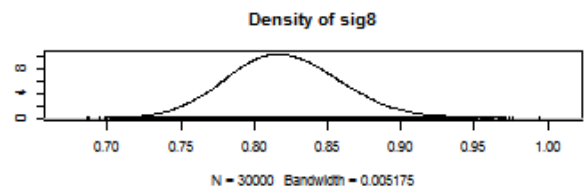
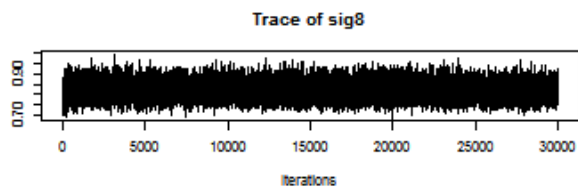
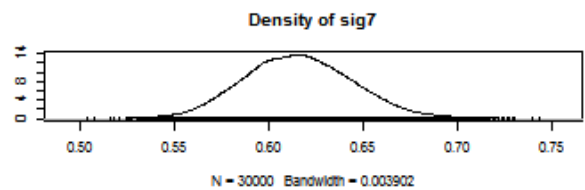
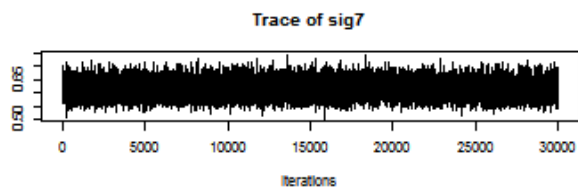
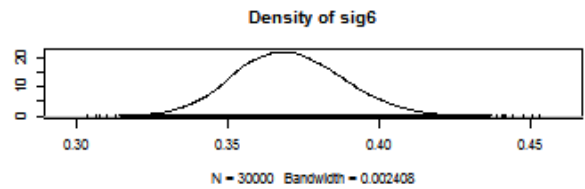
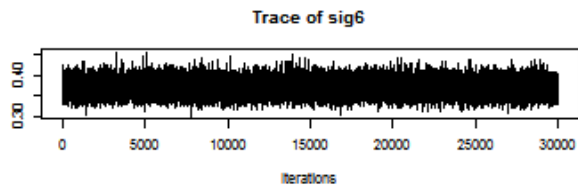
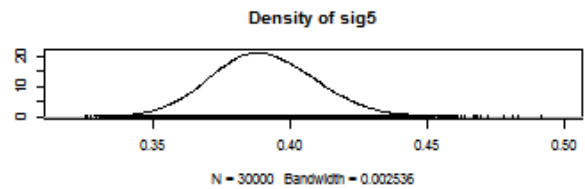
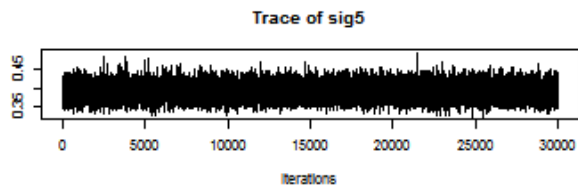


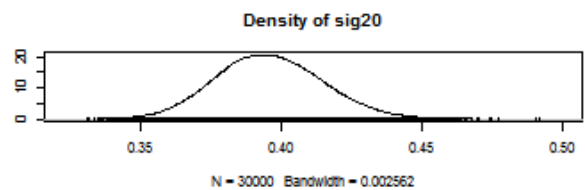
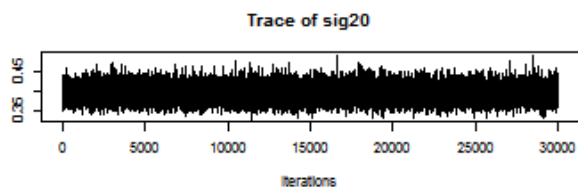
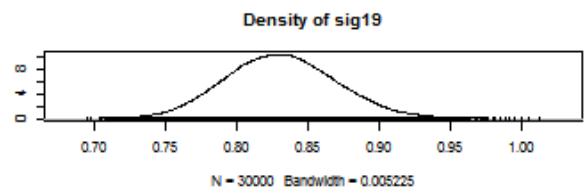
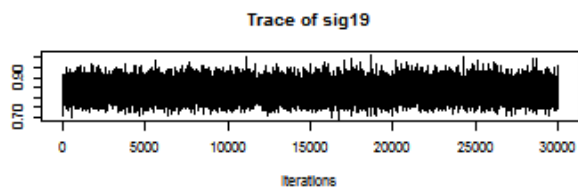
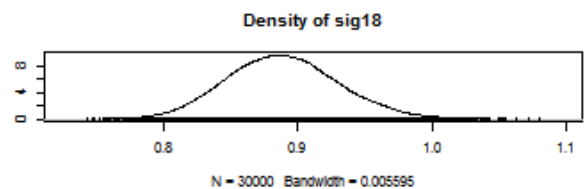
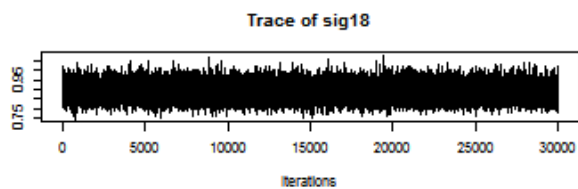
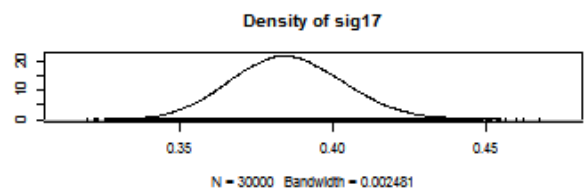
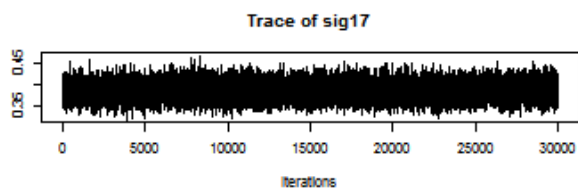
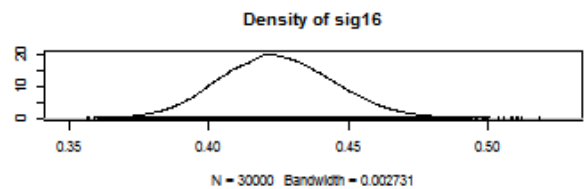
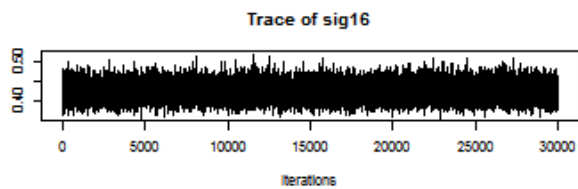
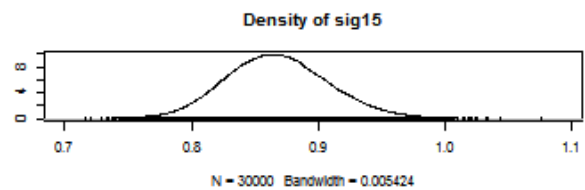
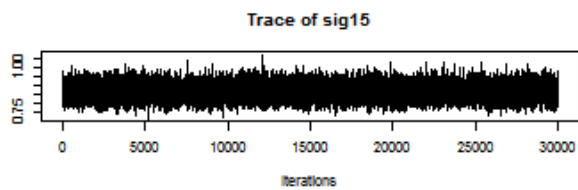
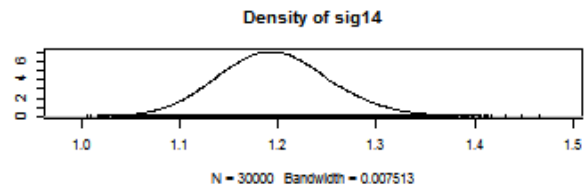
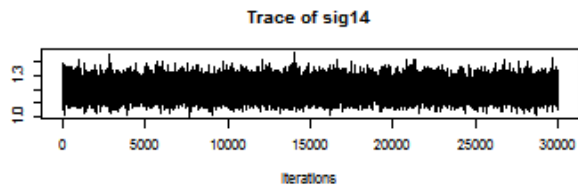
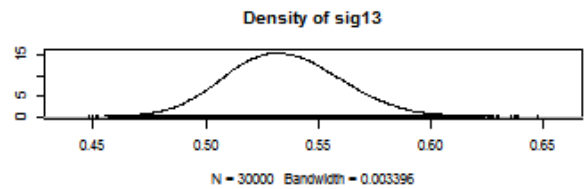
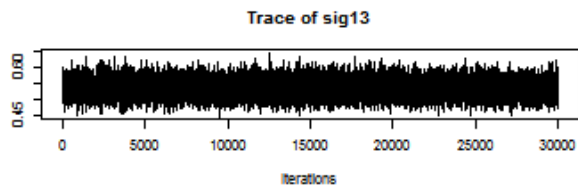


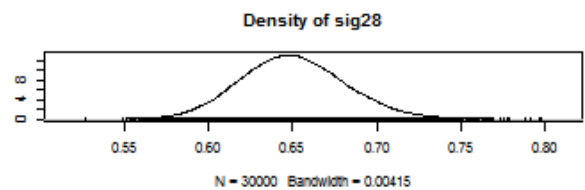
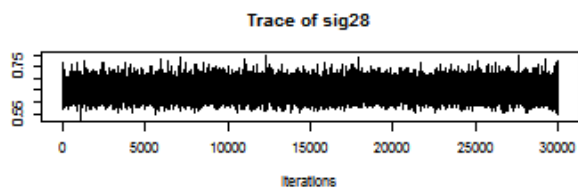
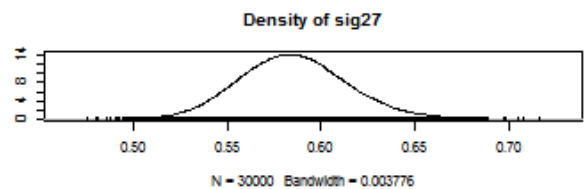
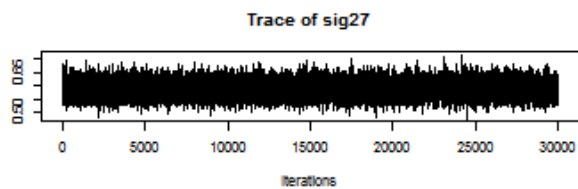
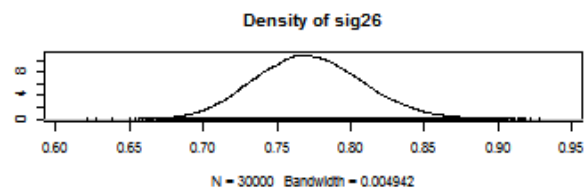
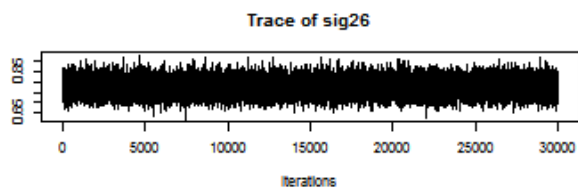
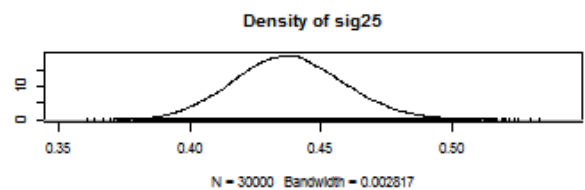
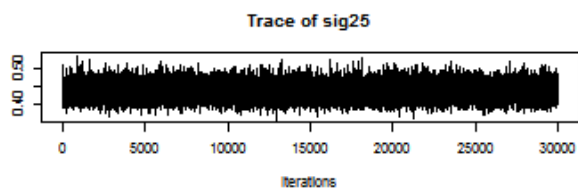
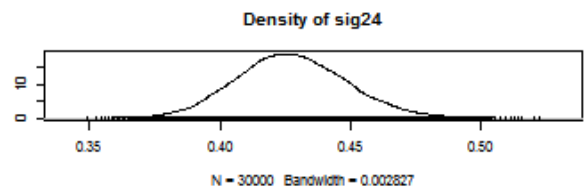
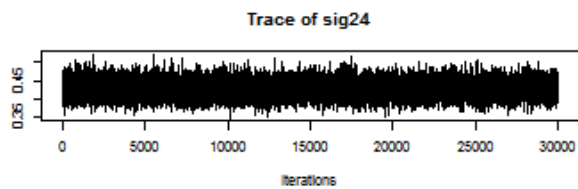
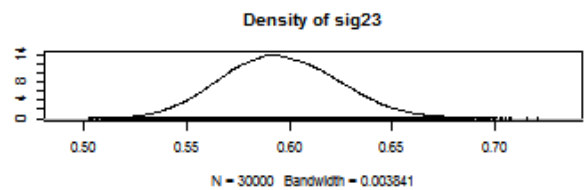
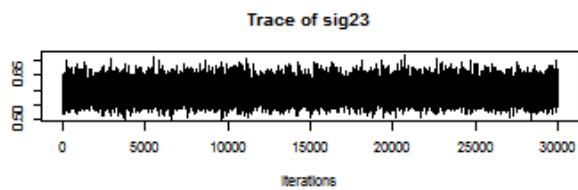
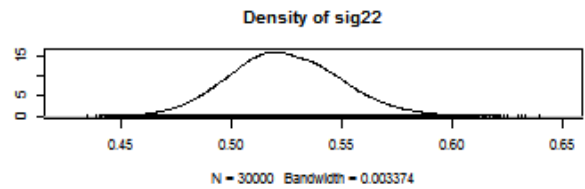
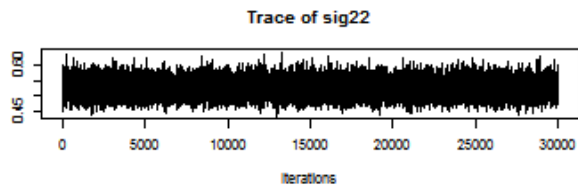
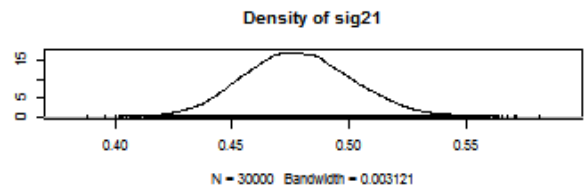
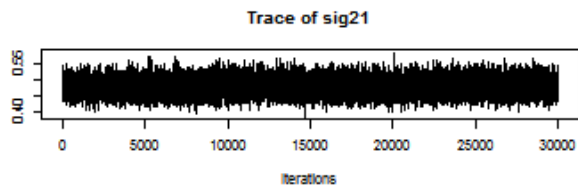


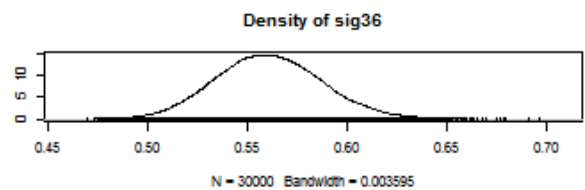
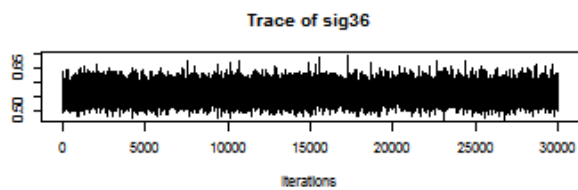
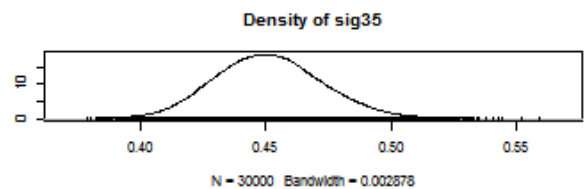
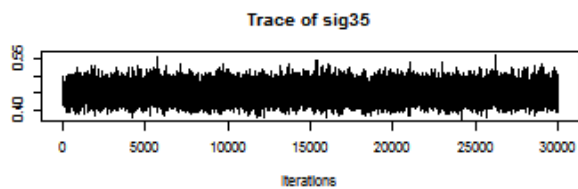
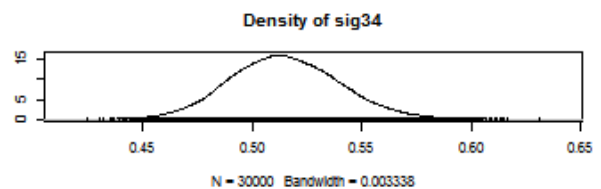
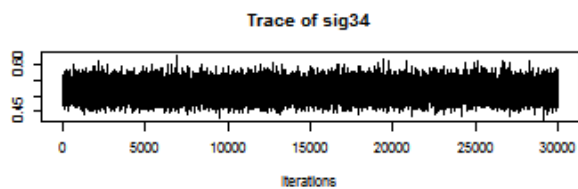
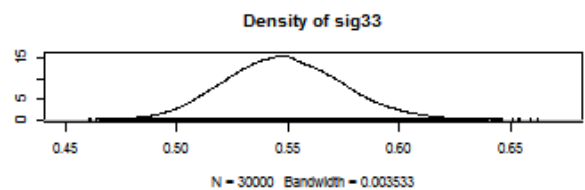
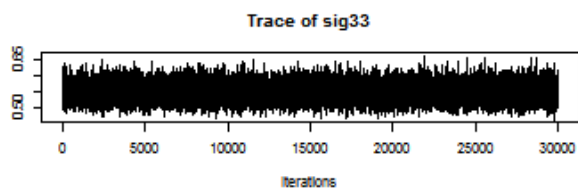
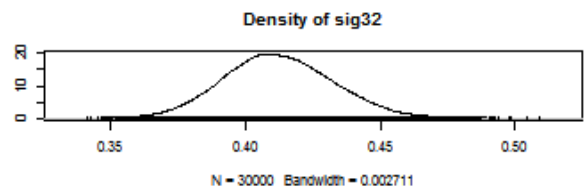
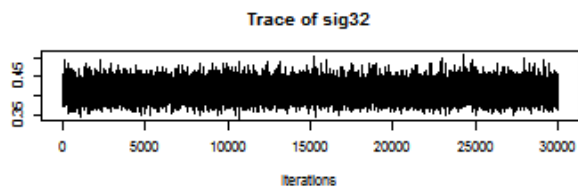
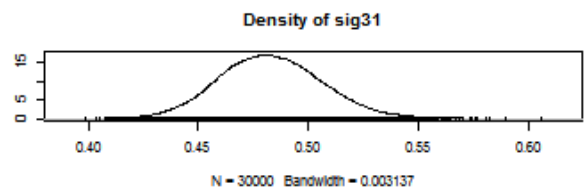
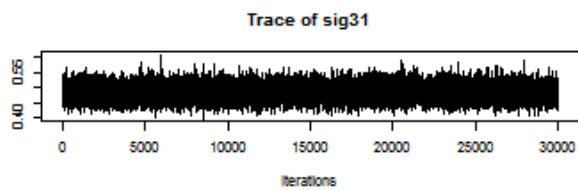
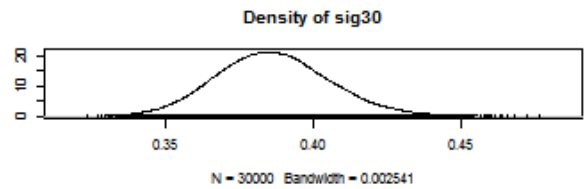
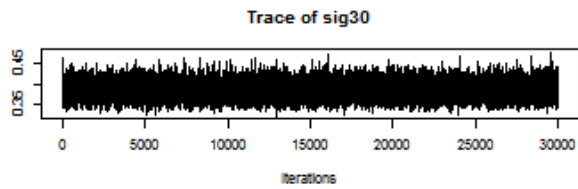
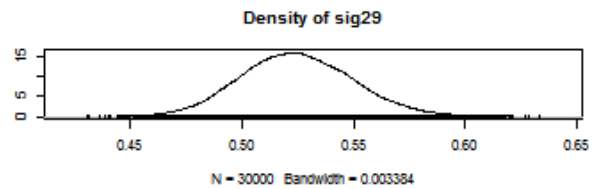
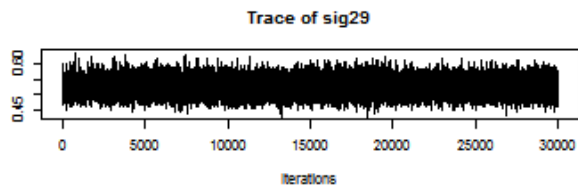


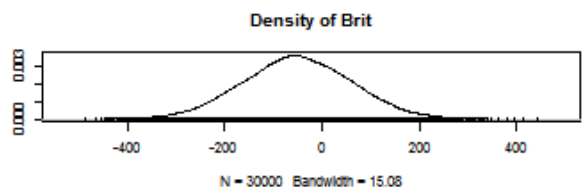
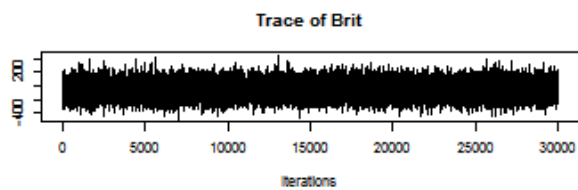
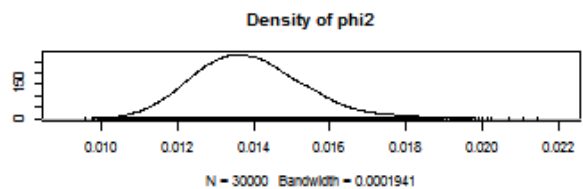
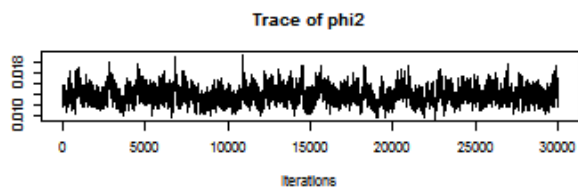
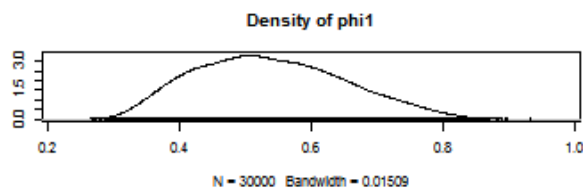
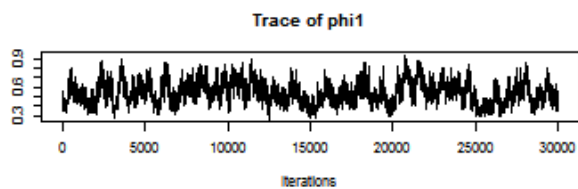
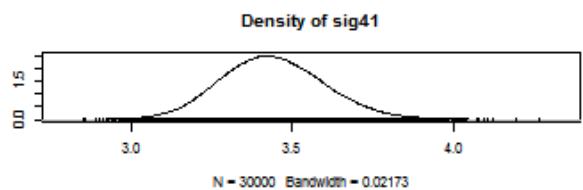
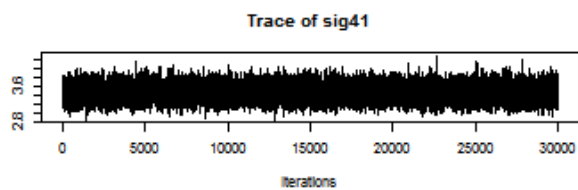
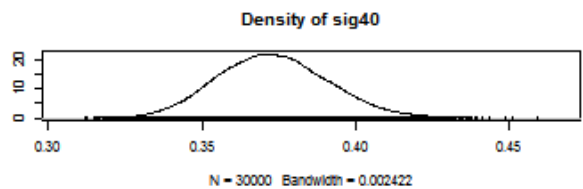
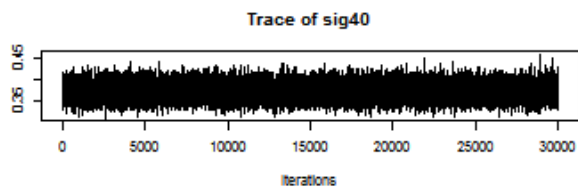
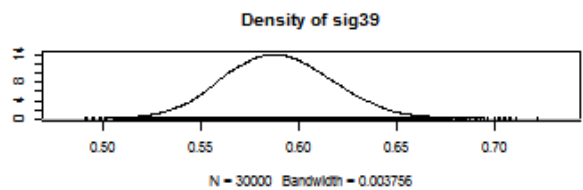
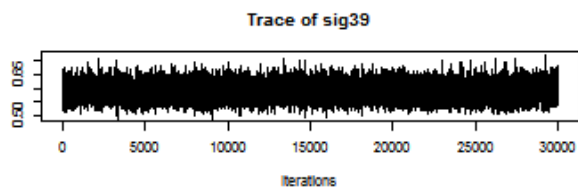
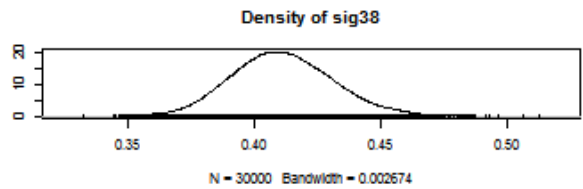
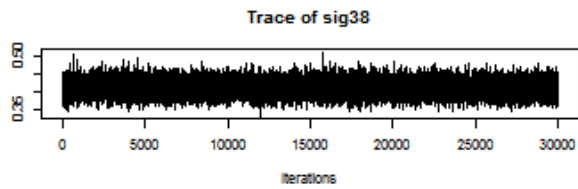
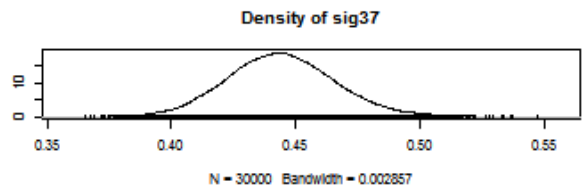
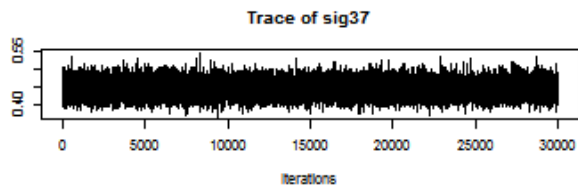


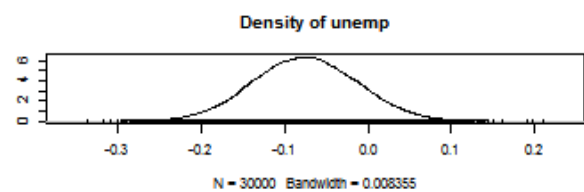
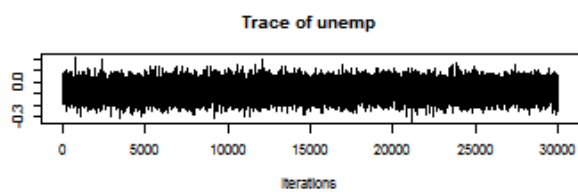
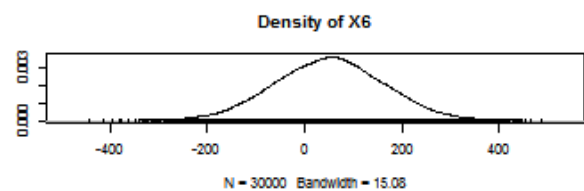
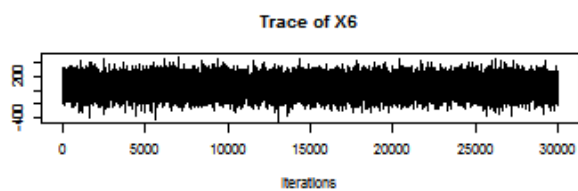
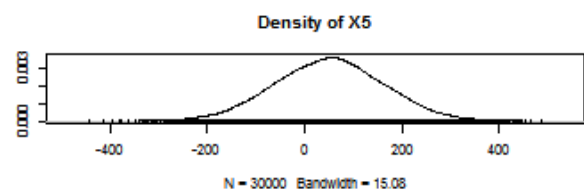
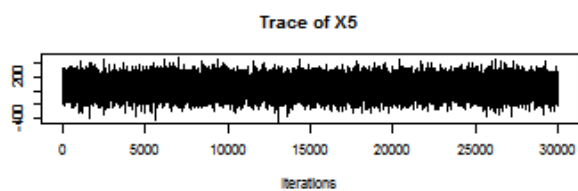
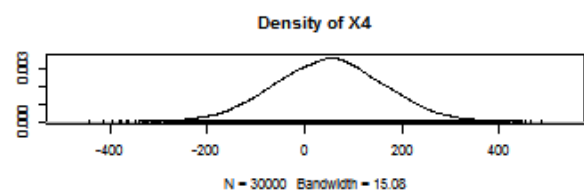
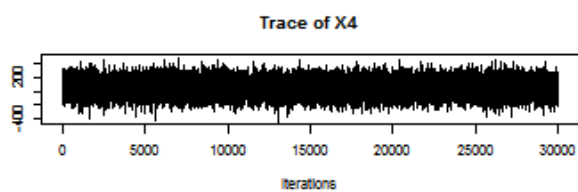
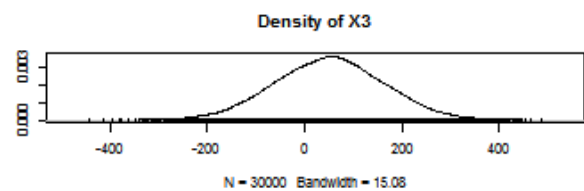
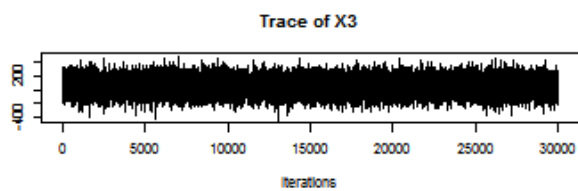
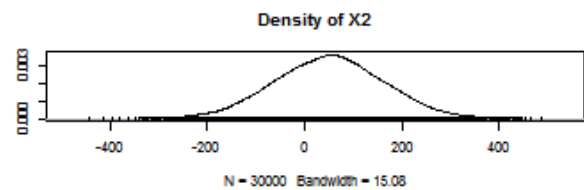
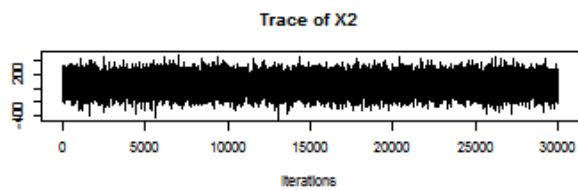
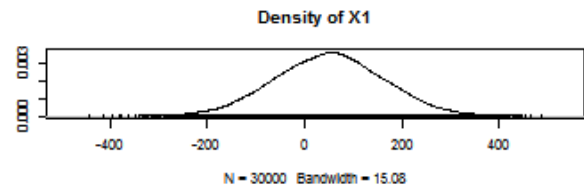
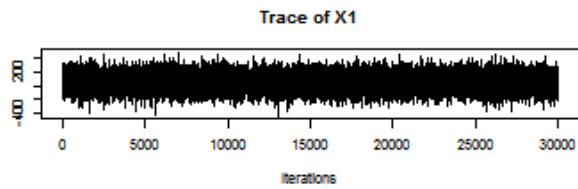
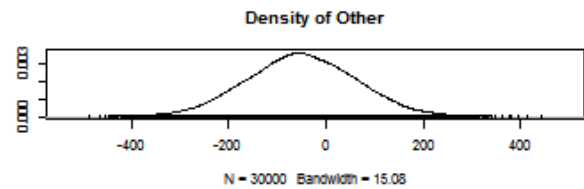
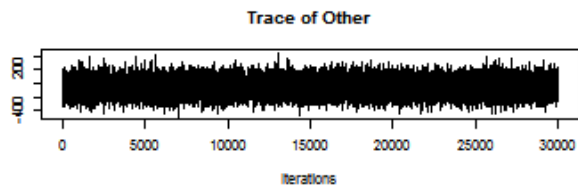


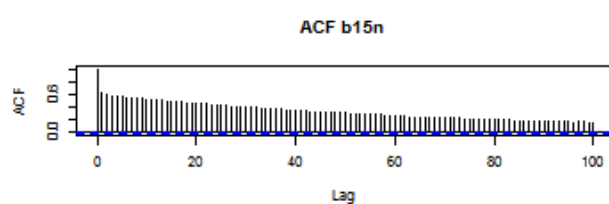
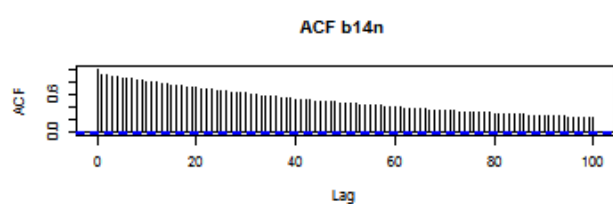
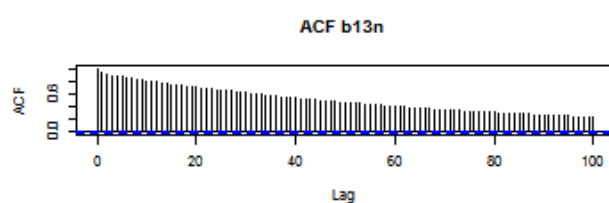
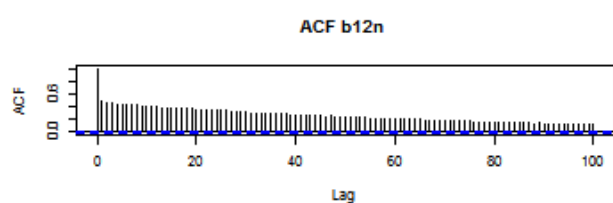
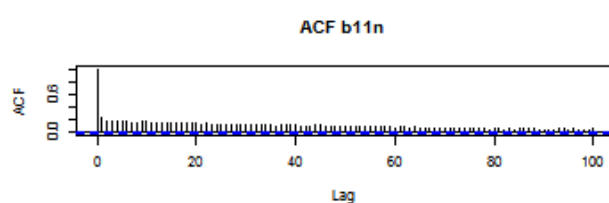
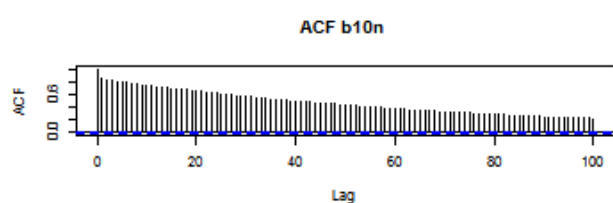
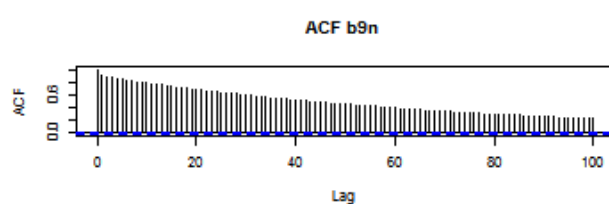
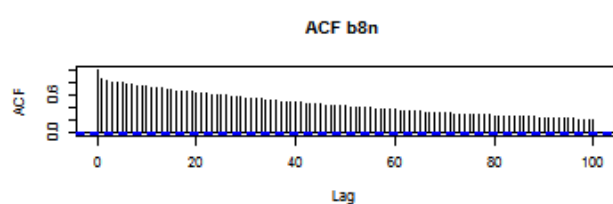
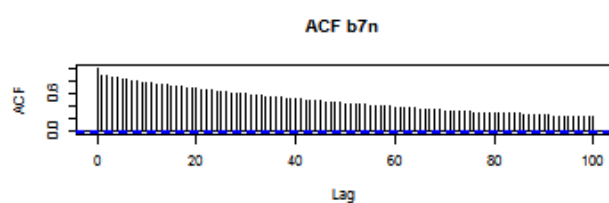
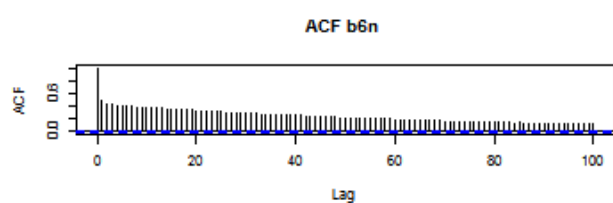
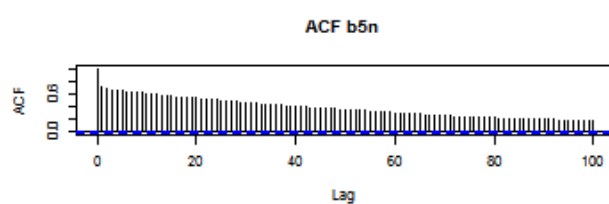
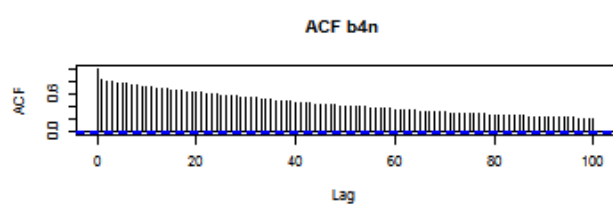
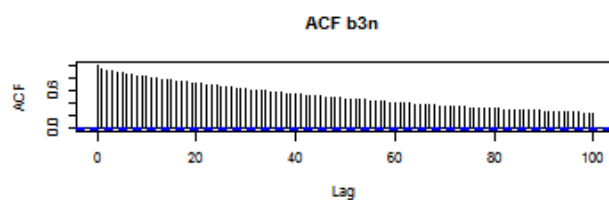
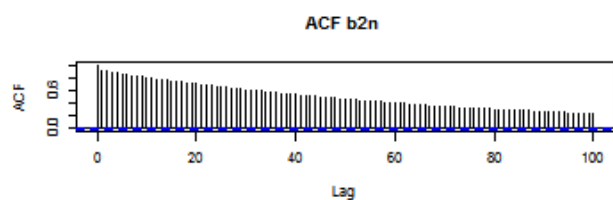
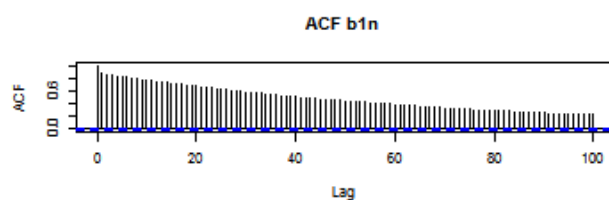
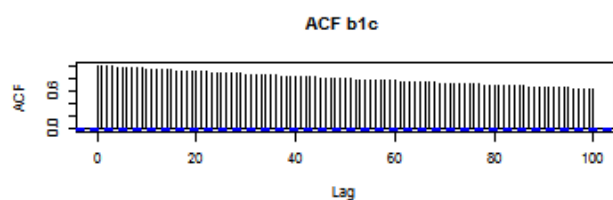


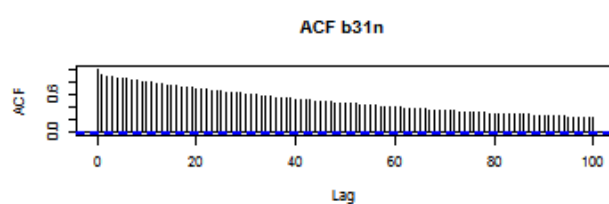
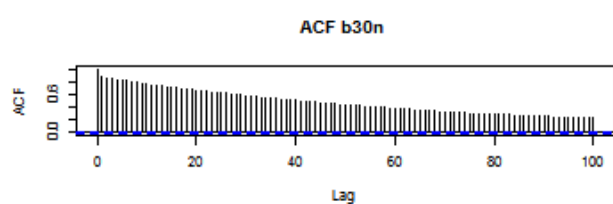
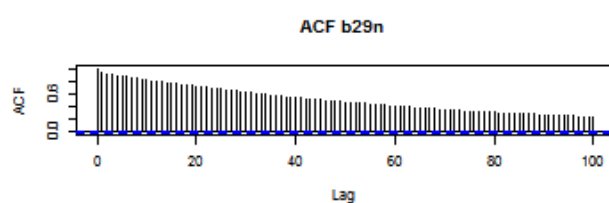
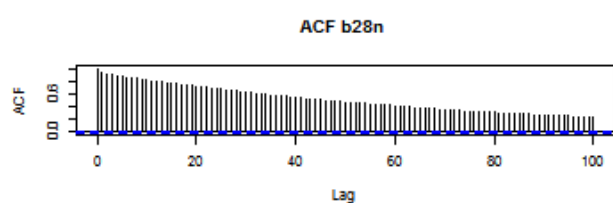
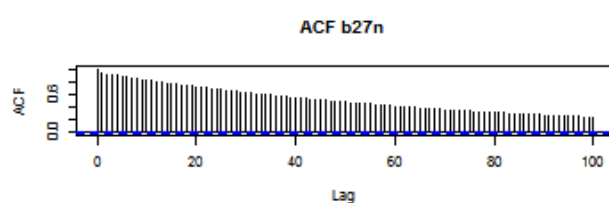
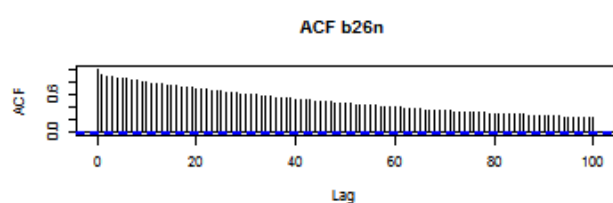
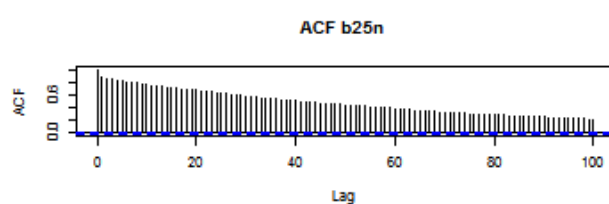
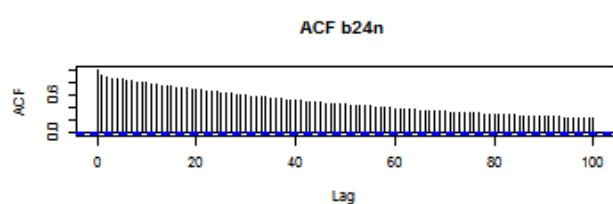
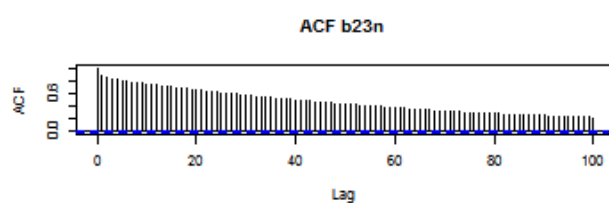
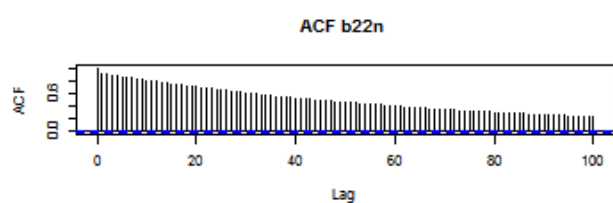
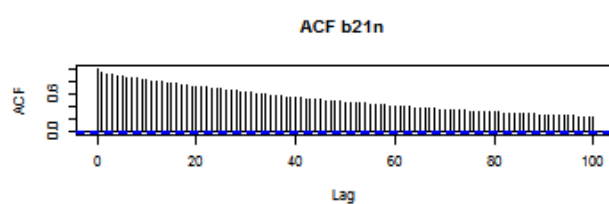
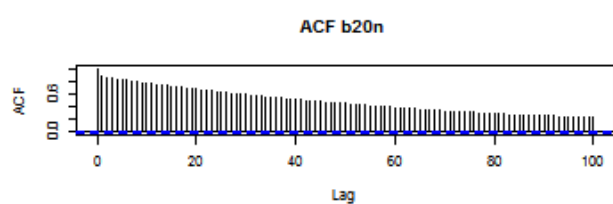
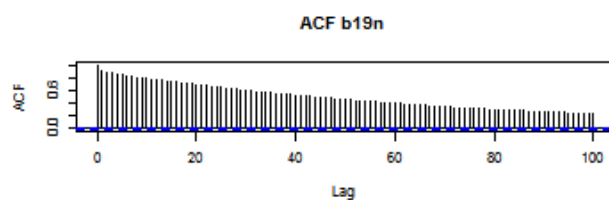
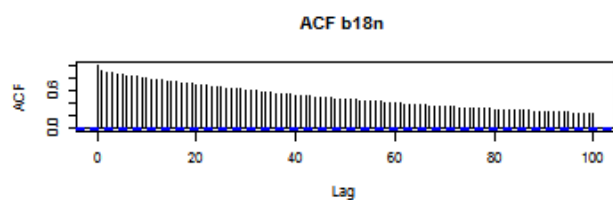
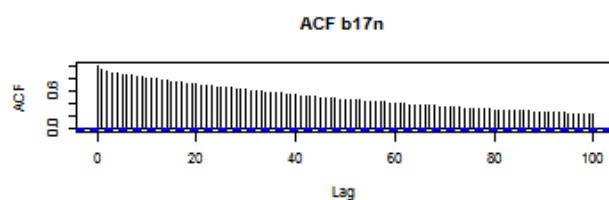
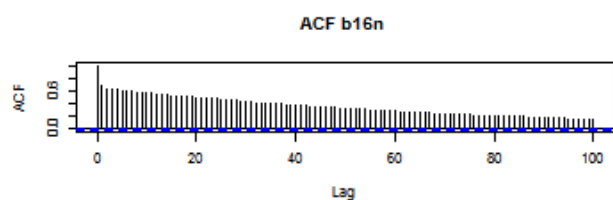


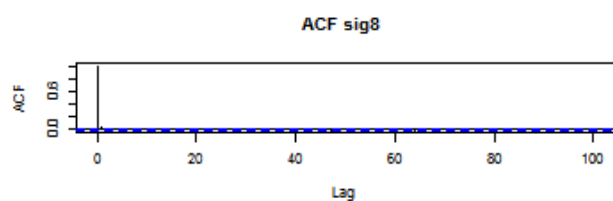
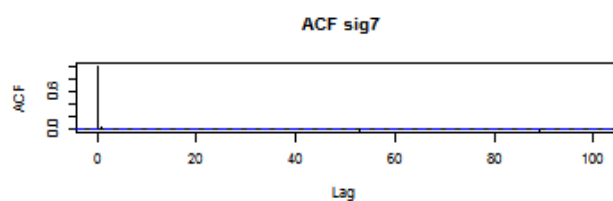
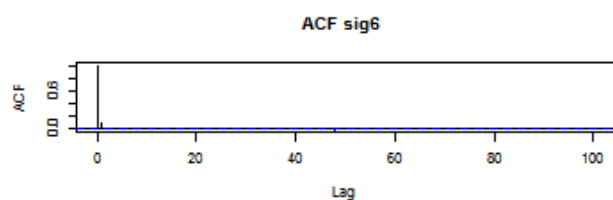
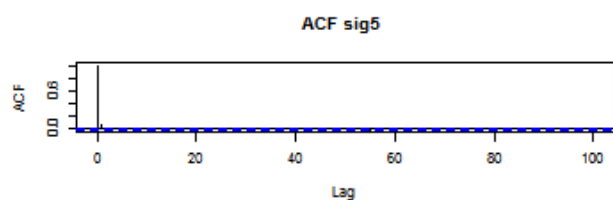
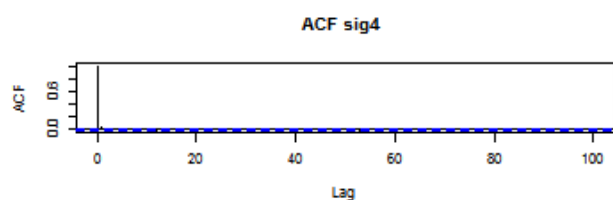
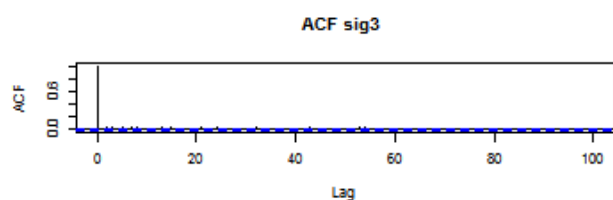
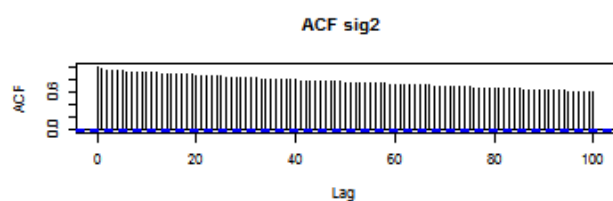
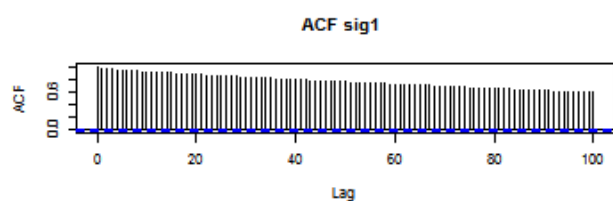
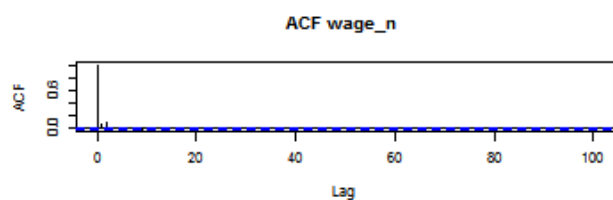
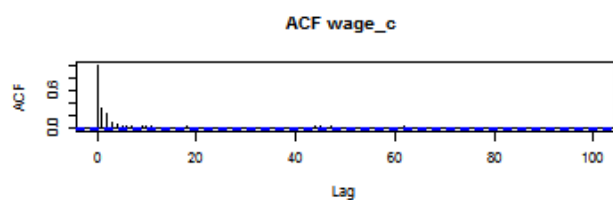
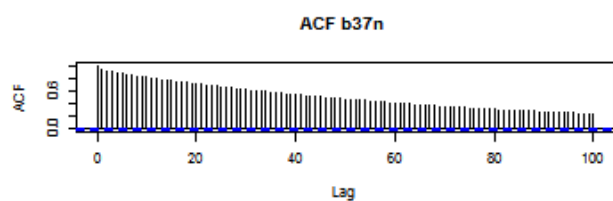
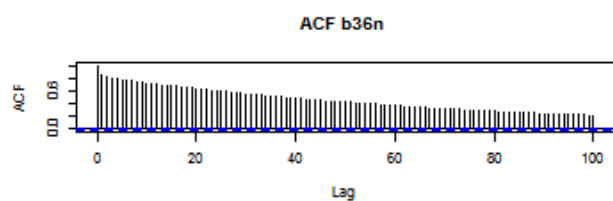
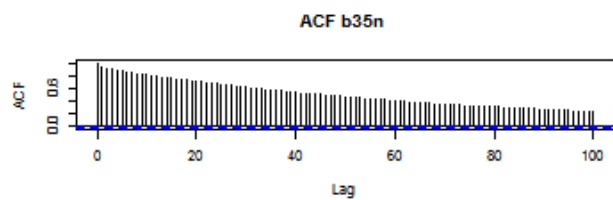
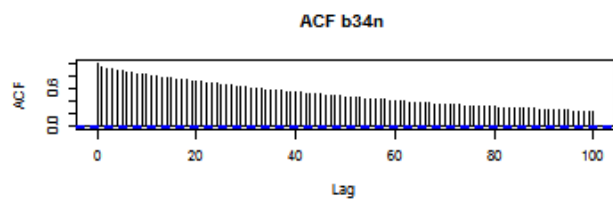
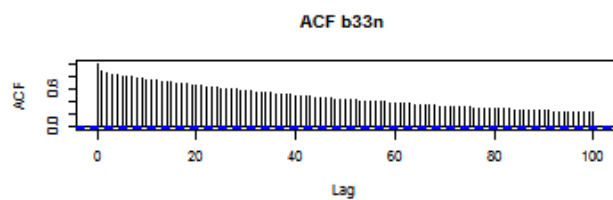
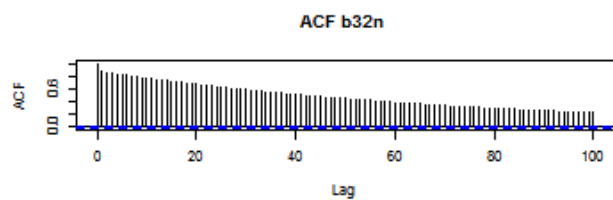


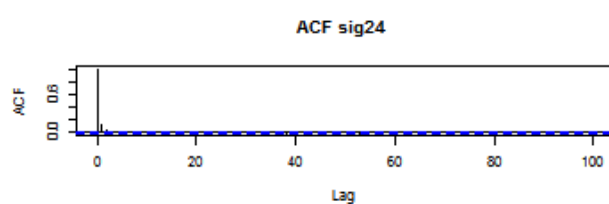
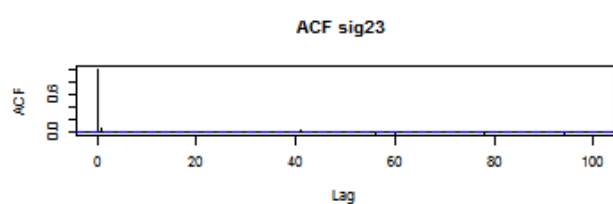
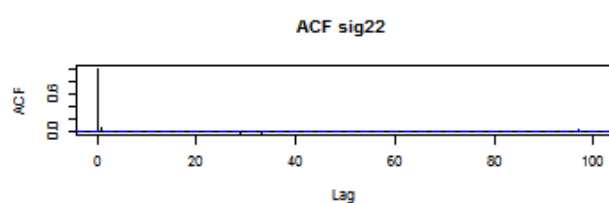
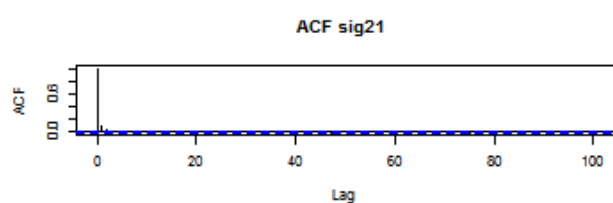
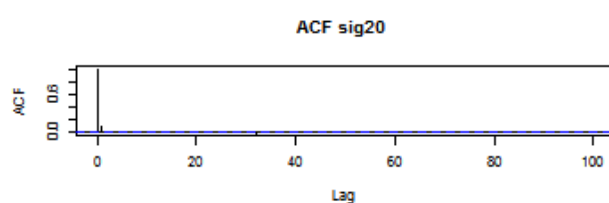
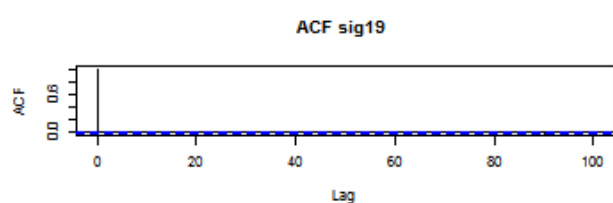
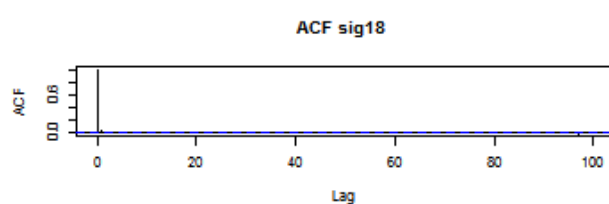
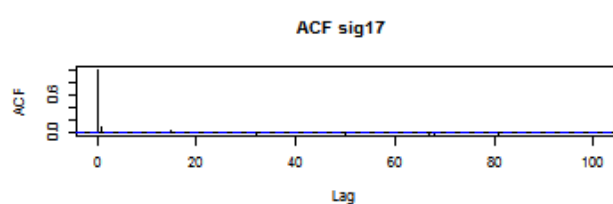
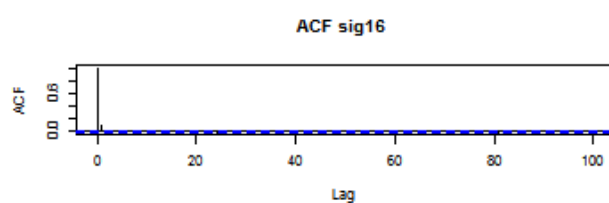
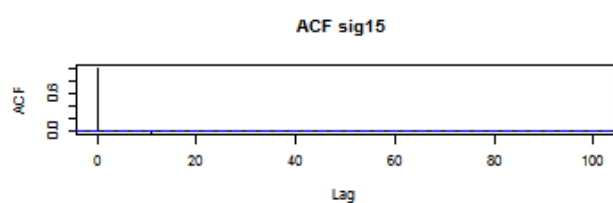
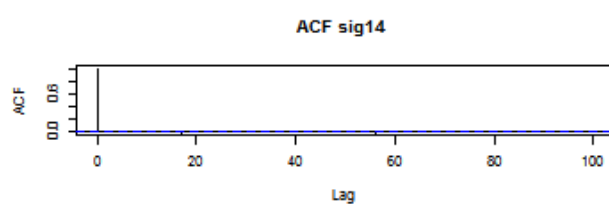
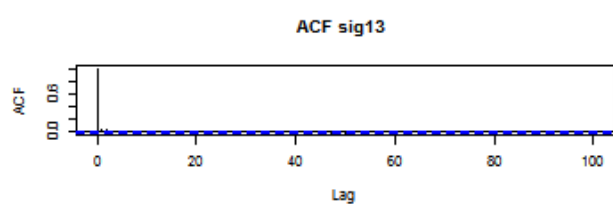
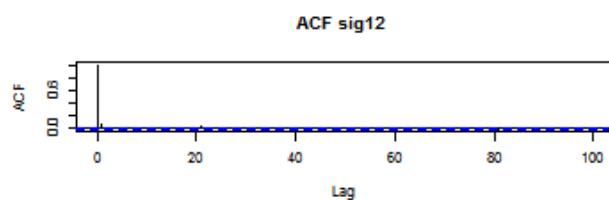
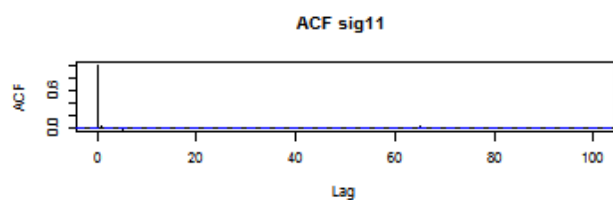
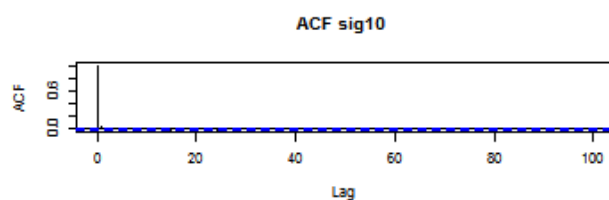
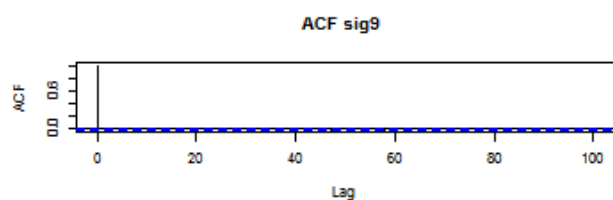


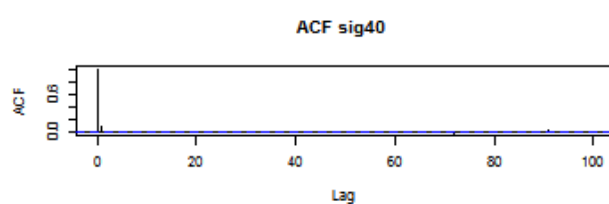
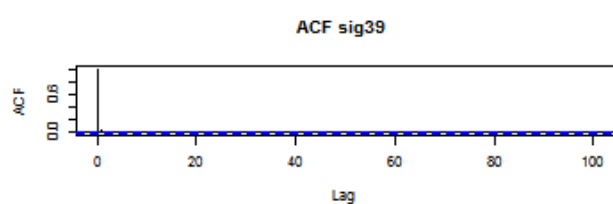
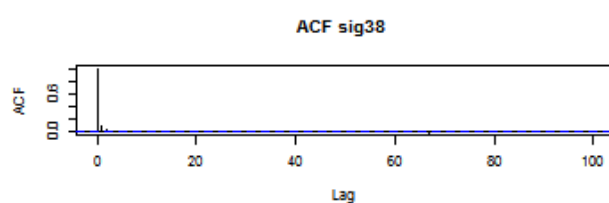
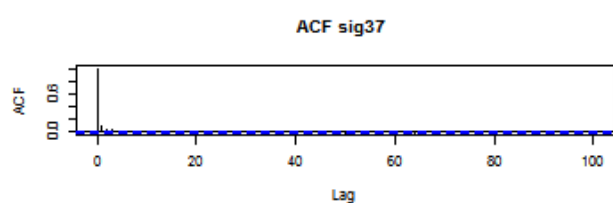
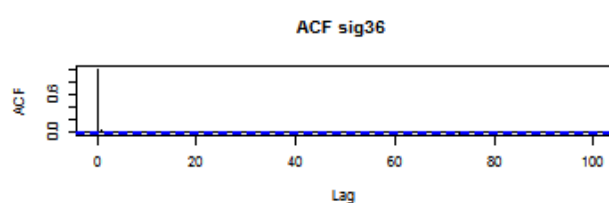
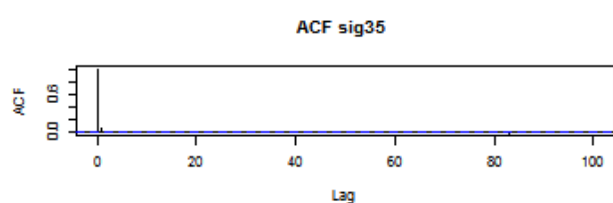
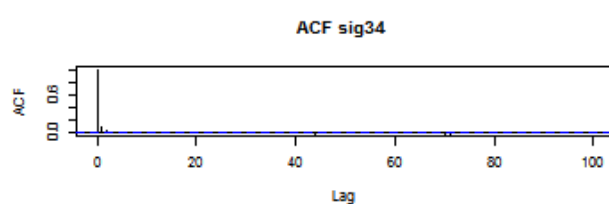
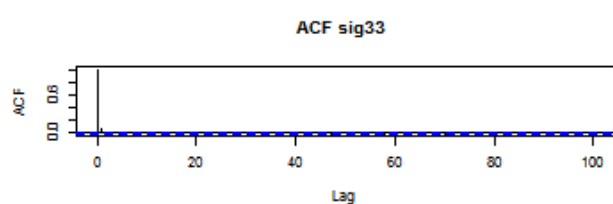
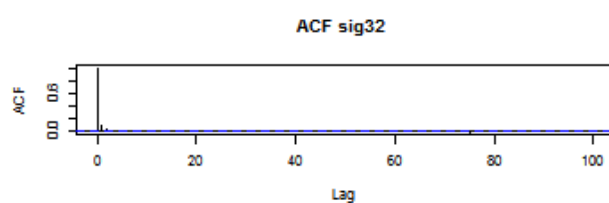
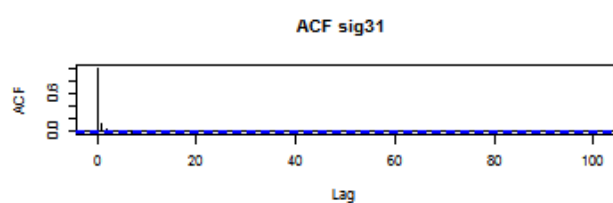
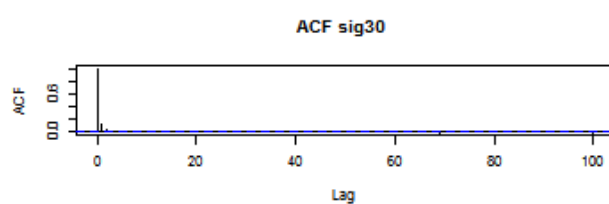
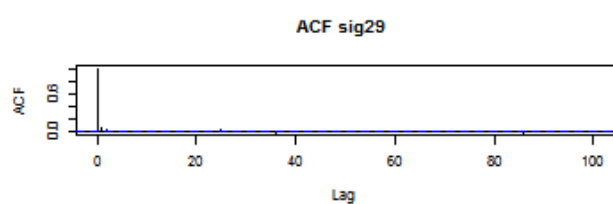
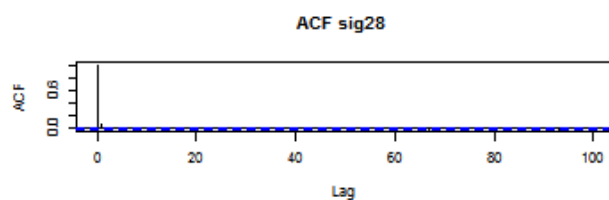
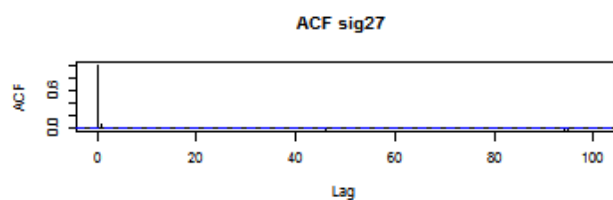
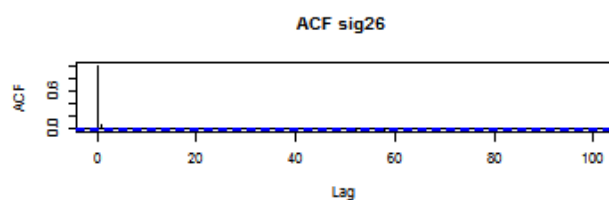
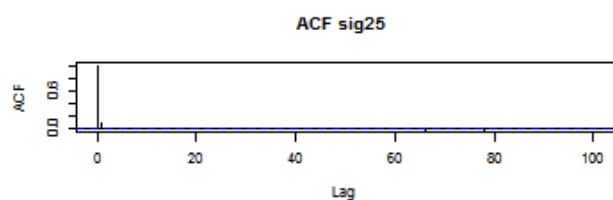


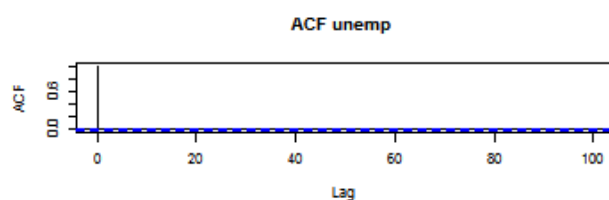
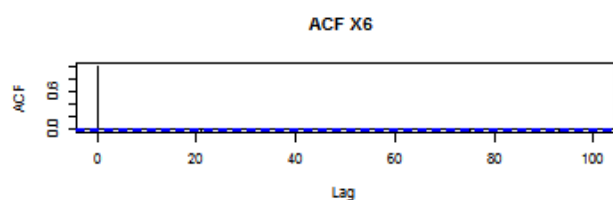
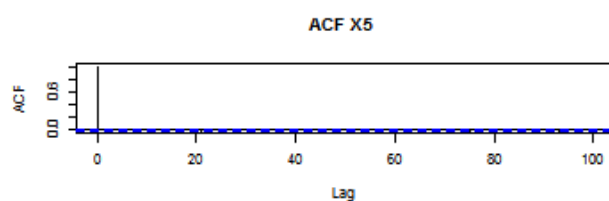
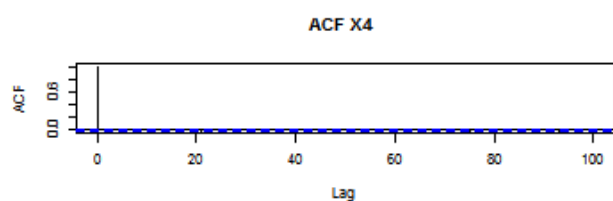
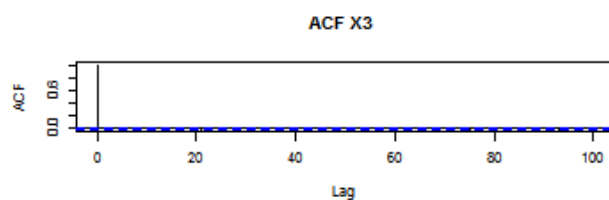
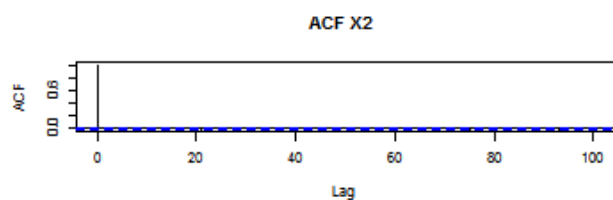
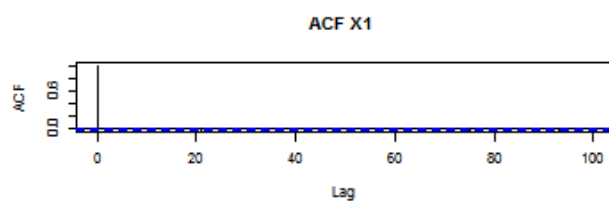
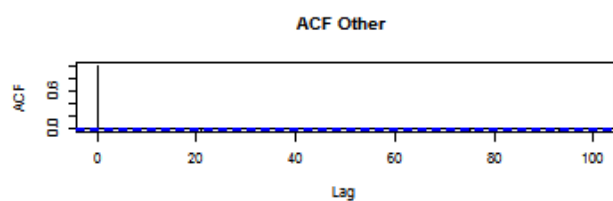
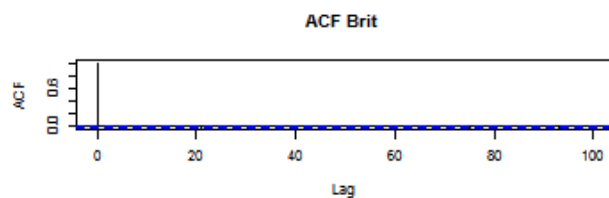
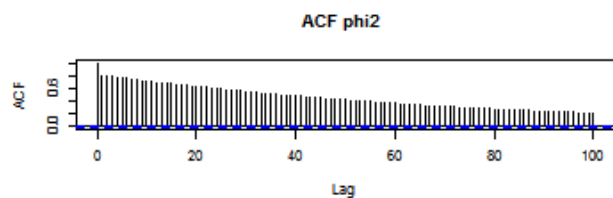
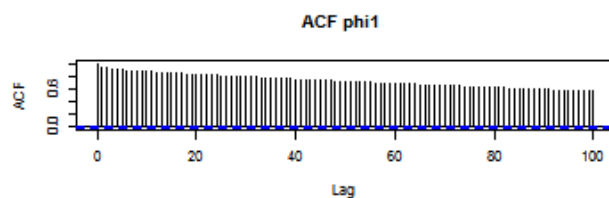
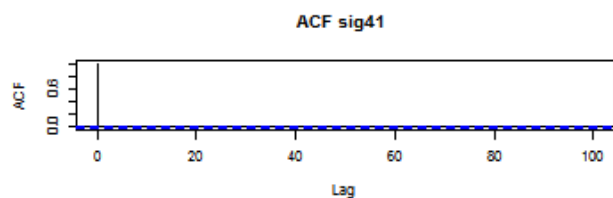












```
mean(beta_Gauss[, "wage_c"]>0)
```

```
## [1] 0.9649
```

```
mean(beta_Gauss[, "wage_n"]>0)
```

```
## [1] 0.7470667
```