

UiO : **Department of Physics**
University of Oslo

Monte Carlo Modeling of Transactions

Erik Skaar



Contents

| | | |
|----------|--------------------------------|-----------|
| 1 | Introduction | 2 |
| 2 | Theory | 2 |
| 3 | Method | 2 |
| 4 | Result & Discussion | 2 |
| 4.1 | 5a & 5b | 3 |
| 4.2 | 5c | 4 |
| 4.3 | 5d | 5 |
| 4.4 | 5e | 8 |
| 5 | Conclusion | 10 |
| 6 | References | 10 |
| 7 | Appendix | 10 |

Abstract

1 Introduction

2 Theory

3 Method

4 Result & Discussion

4.1 5a & 5b

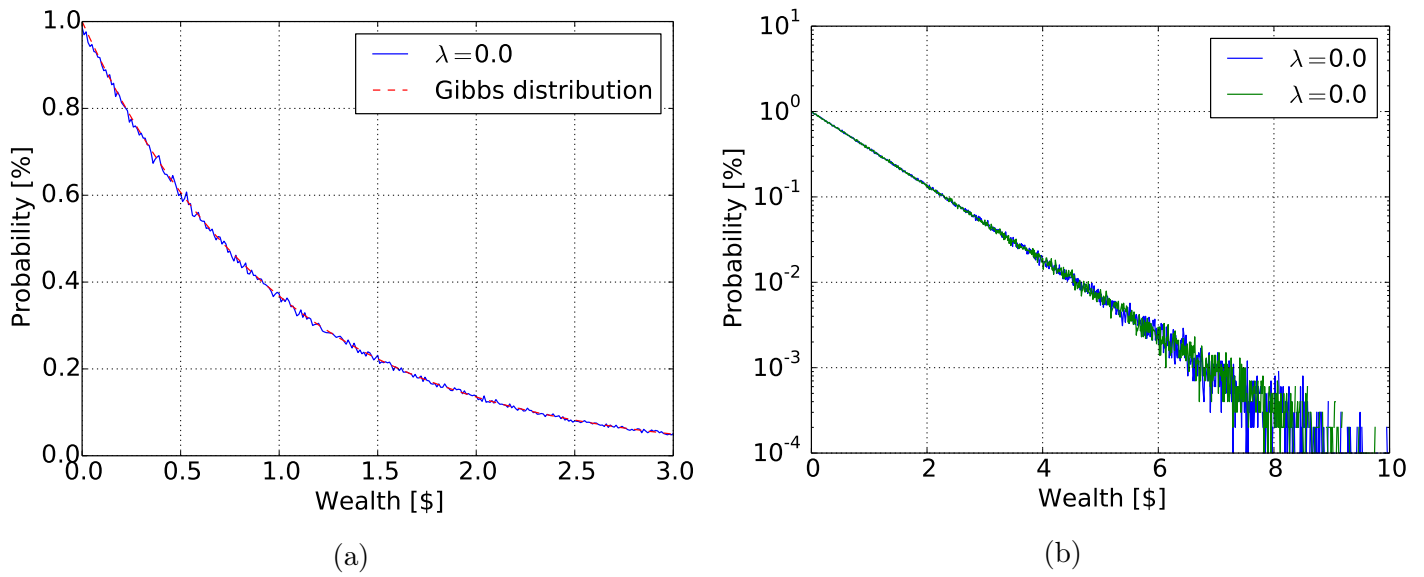


Figure 1: a) Shows how E behaves around T_C b) Shows how $|M|$ develops near T_C .

4.2 5c

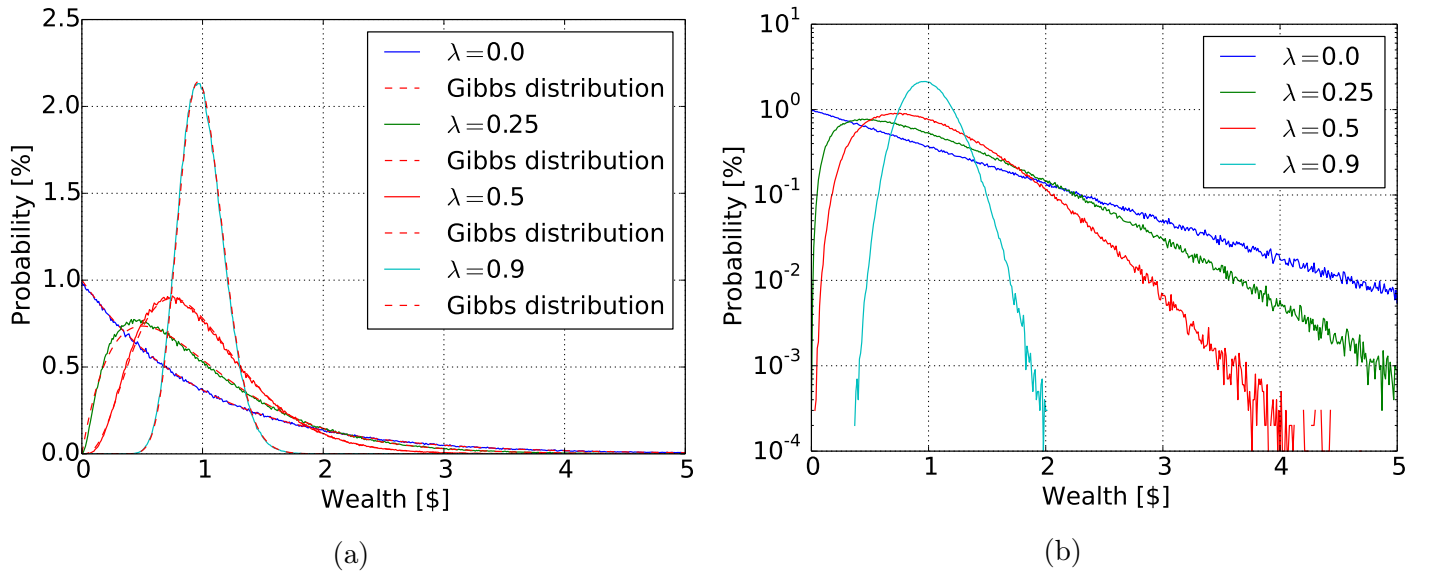


Figure 2: a) Shows how E behaves around T_C b) Shows how $|M|$ develops near T_C .

4.3 5d

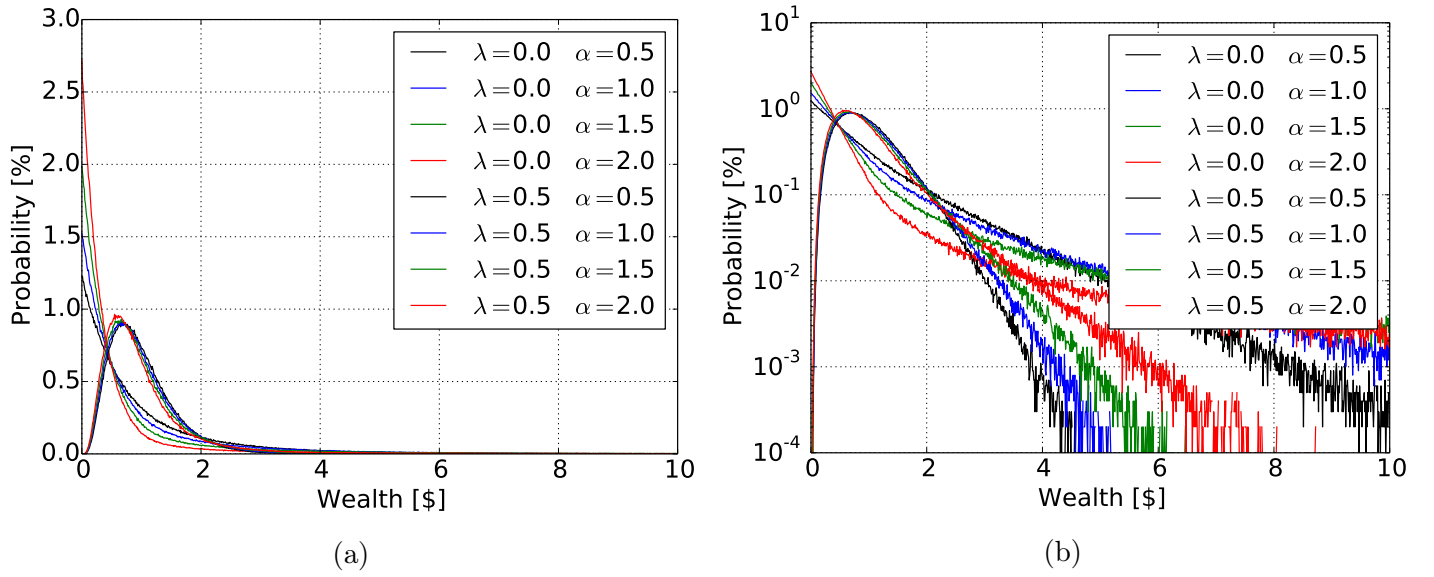


Figure 3: a) Shows how E behaves around T_C b) Shows how $|M|$ develops near T_C .

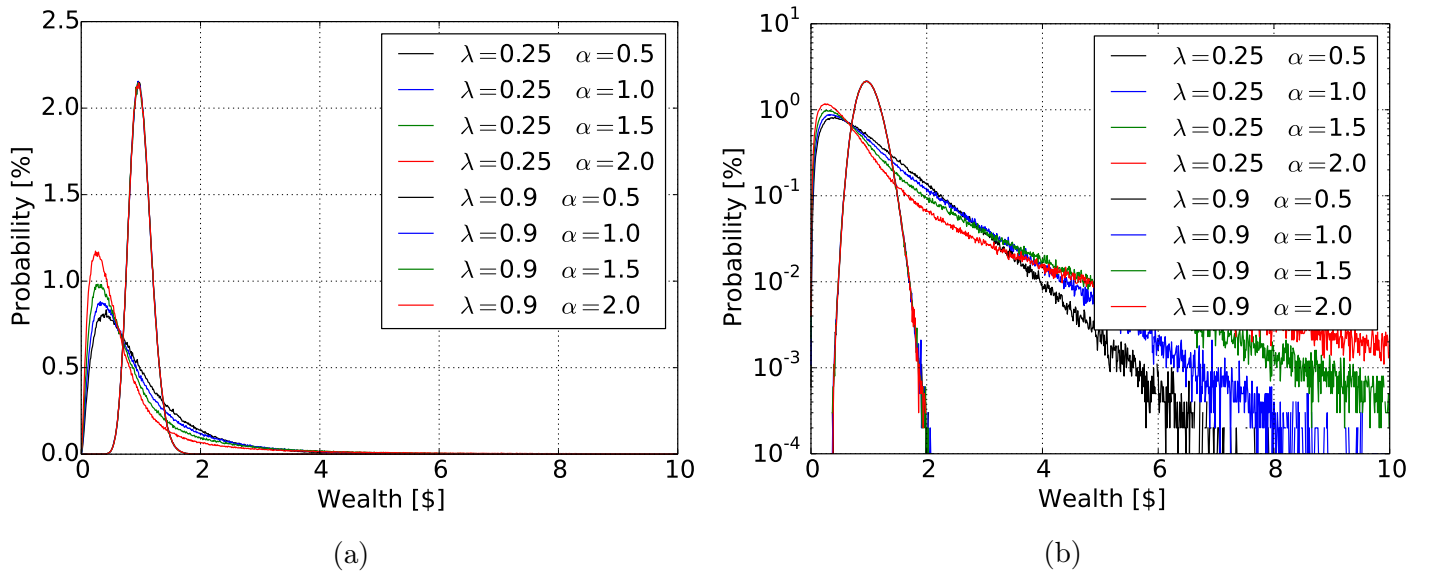


Figure 4: a) Shows how E behaves around T_C b) Shows how $|M|$ develops near T_C .

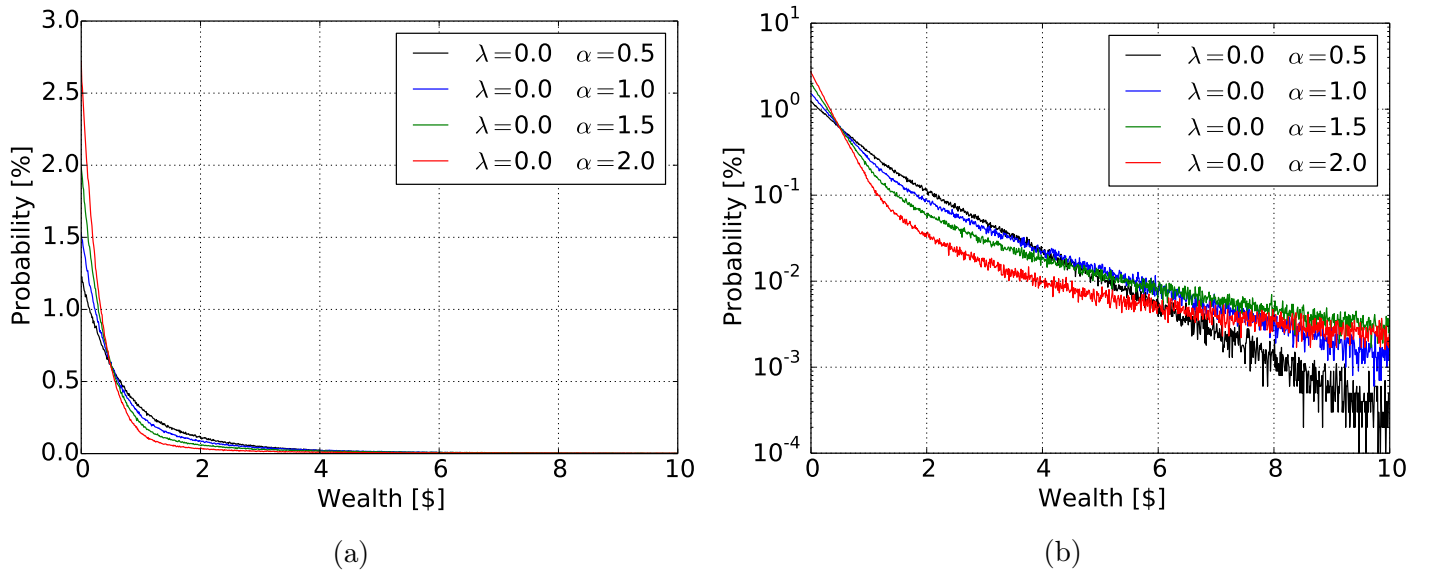


Figure 5: a) Shows how E behaves around T_C b) Shows how $|M|$ develops near T_C .

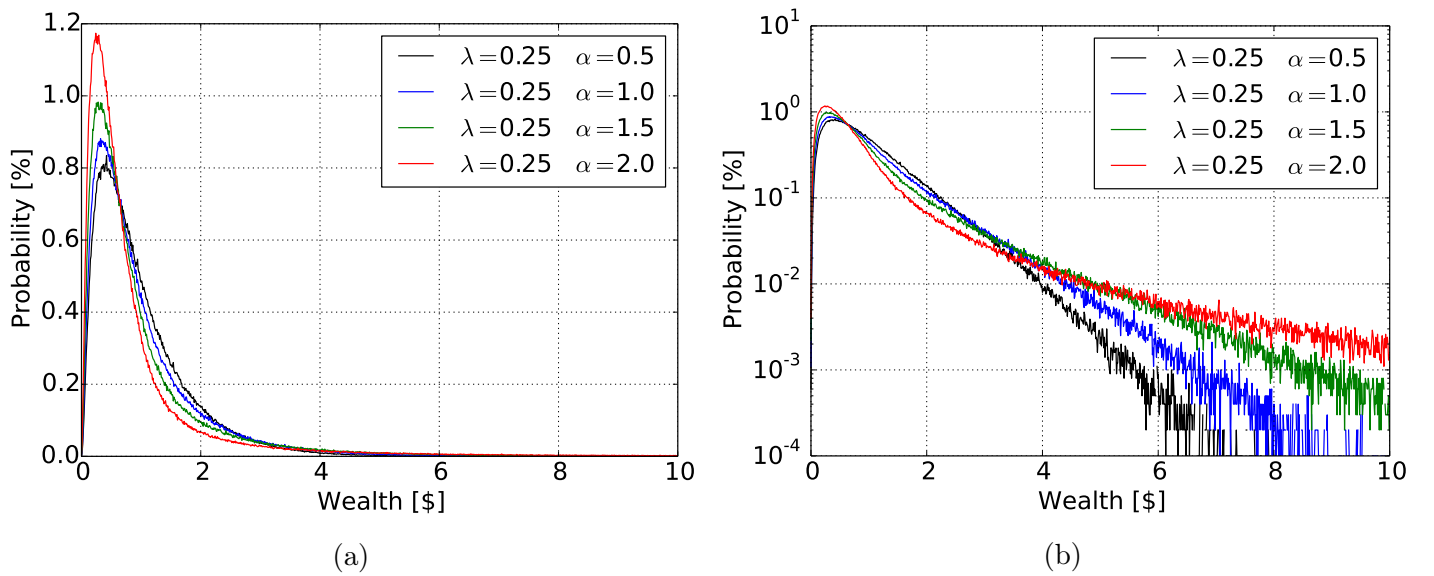


Figure 6: a) Shows how E behaves around T_C b) Shows how $|M|$ develops near T_C .

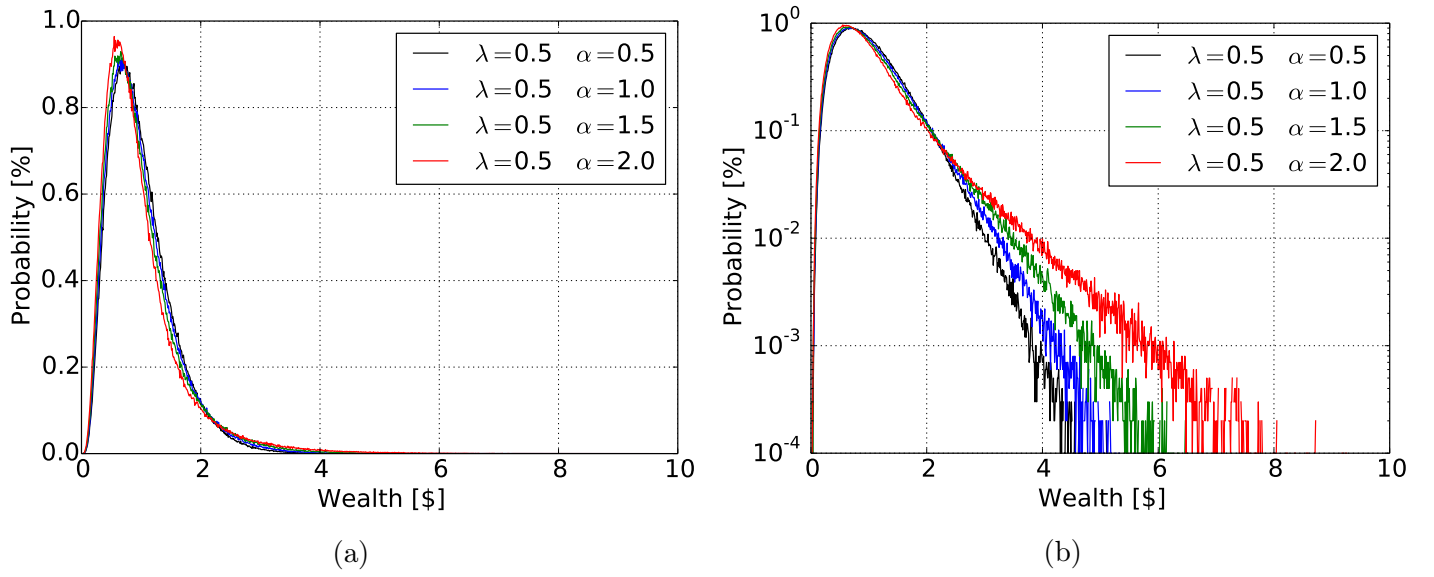


Figure 7: a) Shows how E behaves around T_C b) Shows how $|M|$ develops near T_C .

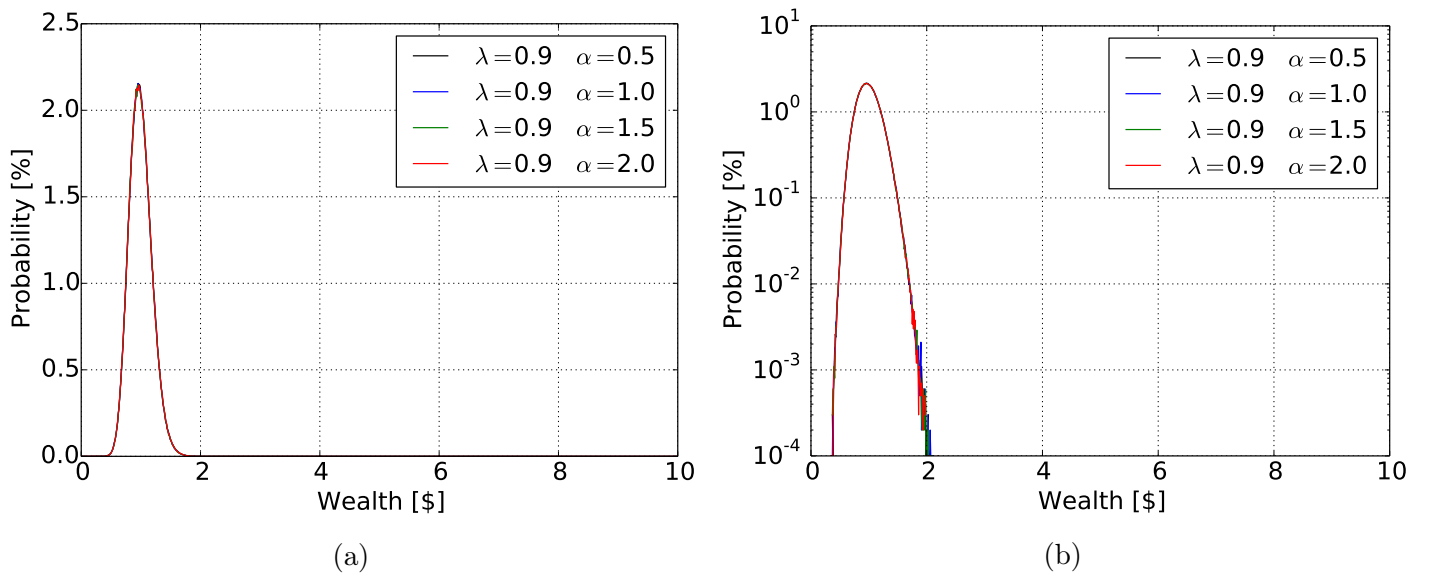


Figure 8: a) Shows how E behaves around T_C b) Shows how $|M|$ develops near T_C .

4.4 5e

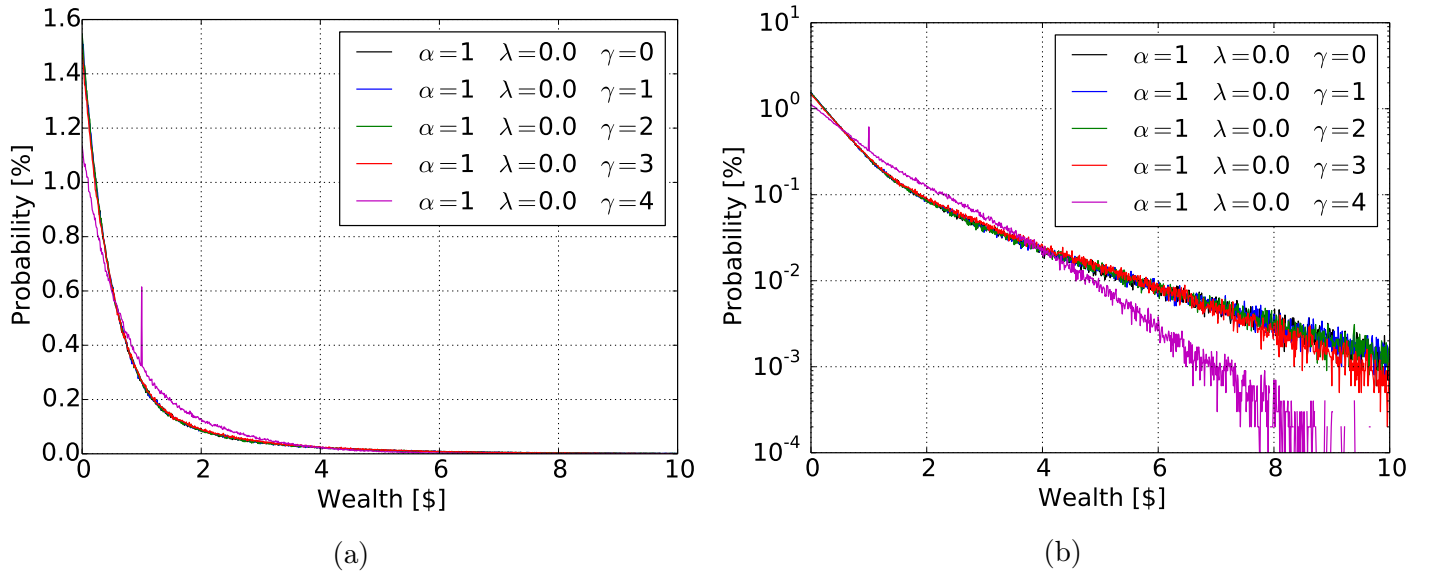


Figure 9: a) Shows how E behaves around T_C b) Shows how $|M|$ develops near T_C .

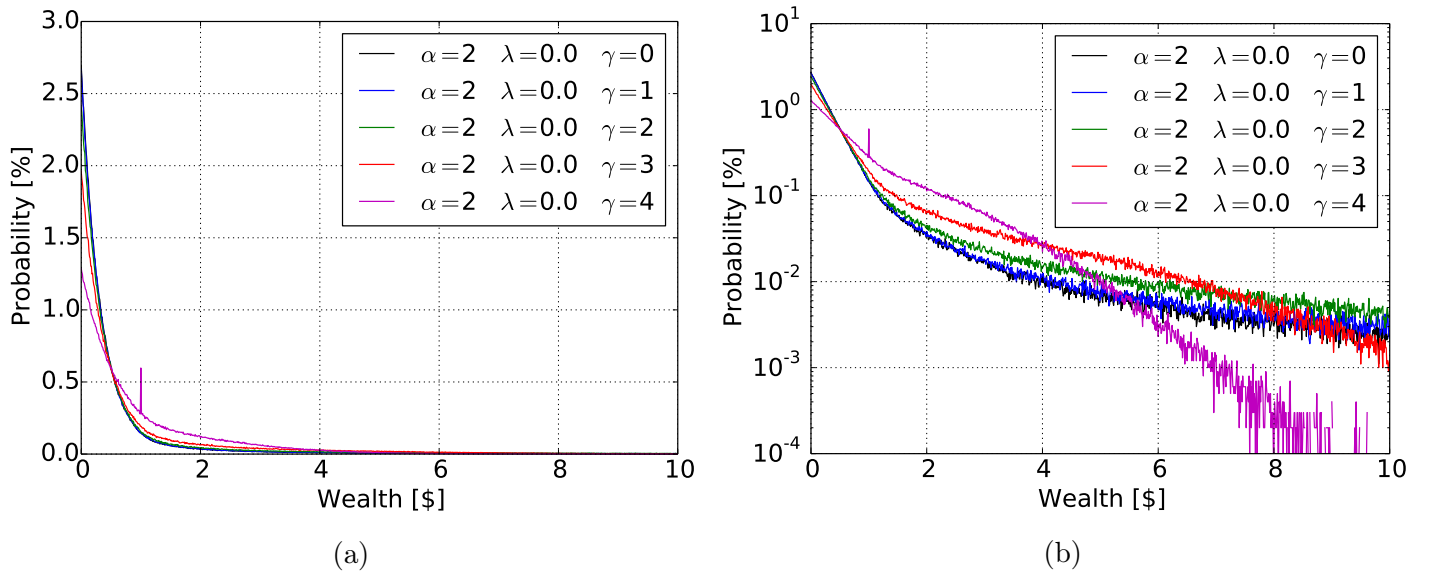


Figure 10: a) Shows how E behaves around T_C b) Shows how $|M|$ develops near T_C .

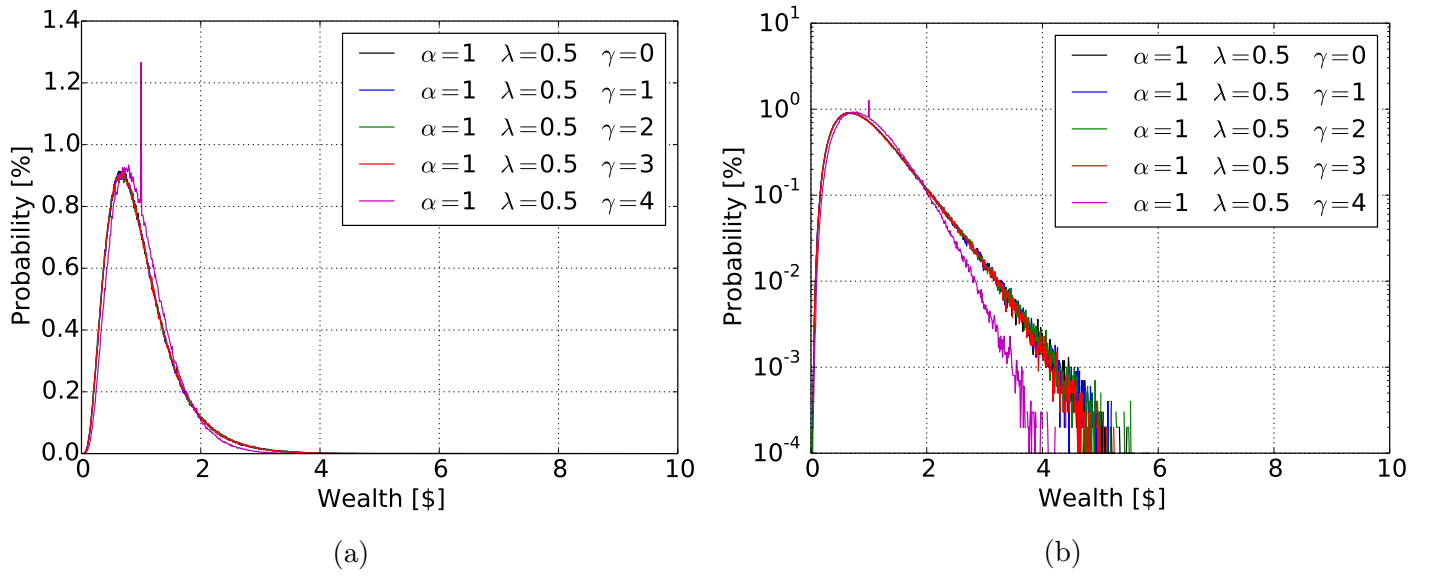


Figure 11: a) Shows how E behaves around T_C b) Shows how $|M|$ develops near T_C .

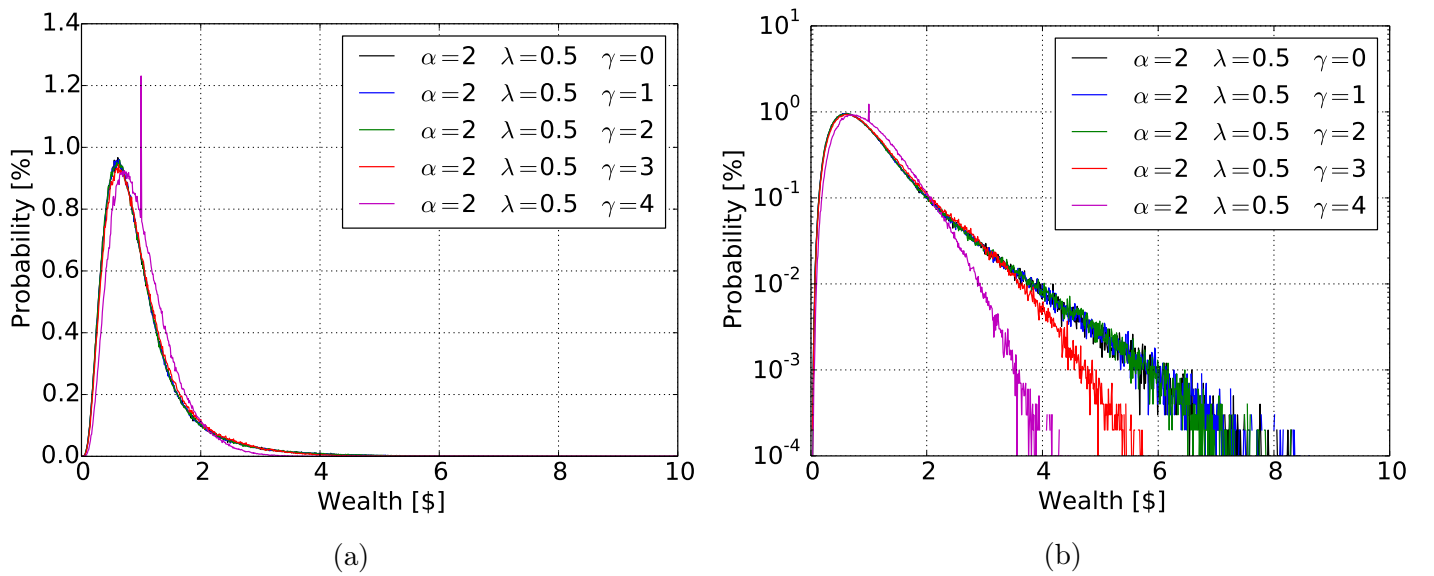


Figure 12: a) Shows how E behaves around T_C b) Shows how $|M|$ develops near T_C .

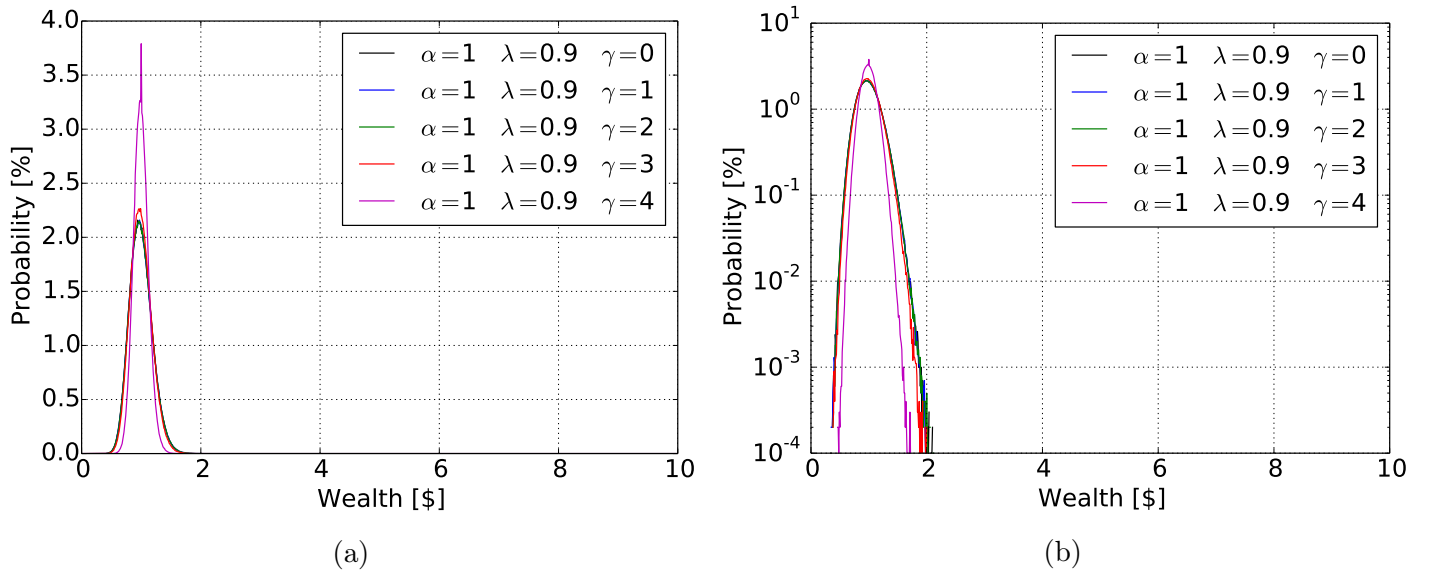


Figure 13: a) Shows how E behaves around T_C b) Shows how $|M|$ develops near T_C .

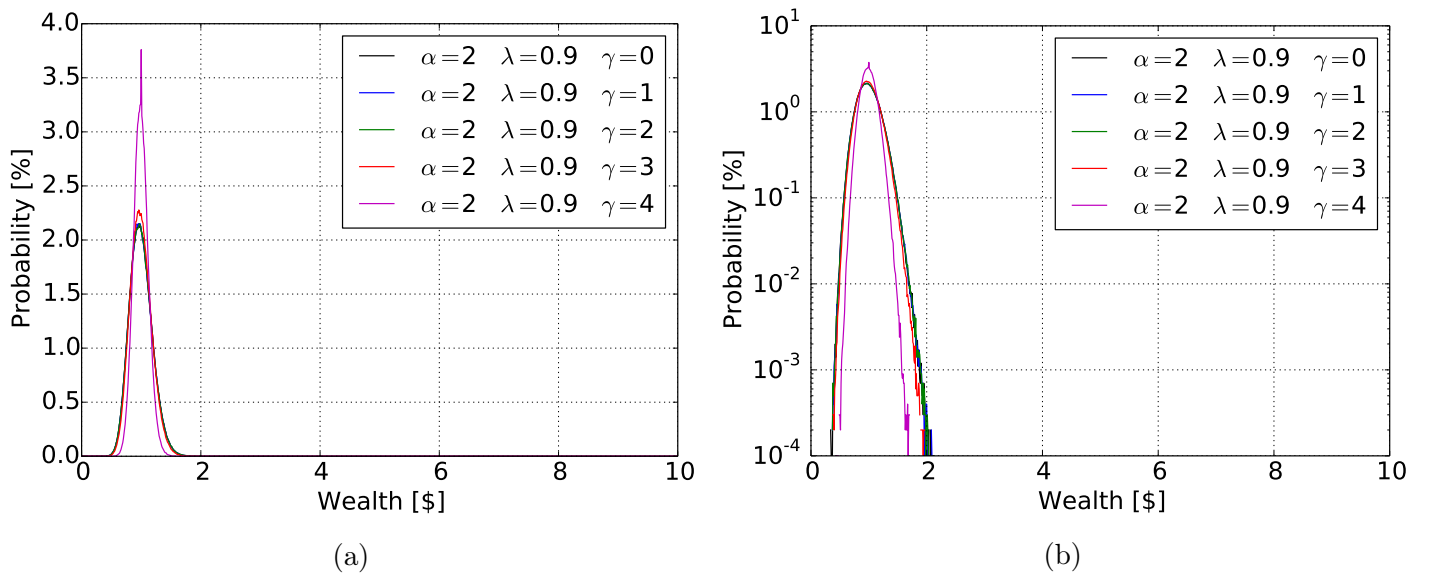


Figure 14: a) Shows how E behaves around T_C b) Shows how $|M|$ develops near T_C .

5 Conclusion

6 References

7 Appendix