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# Monte Carlo Modeling of Transactions

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# Abstract

## 1 Introduction

## 2 Theory

## 3 Method

## 4 Result & Discussion

## 4.1 5a & 5b

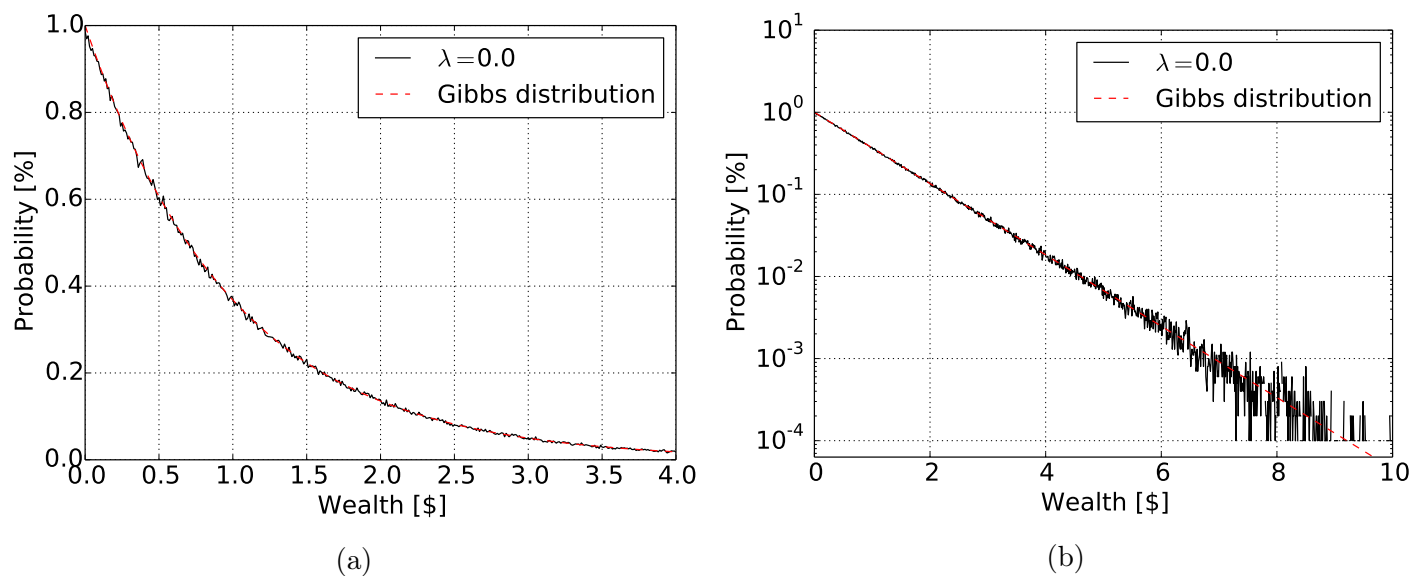


Figure 1: a) Shows how  $E$  behaves around  $T_C$  b) Shows how  $|M|$  develops near  $T_C$ .

## 4.2 5c

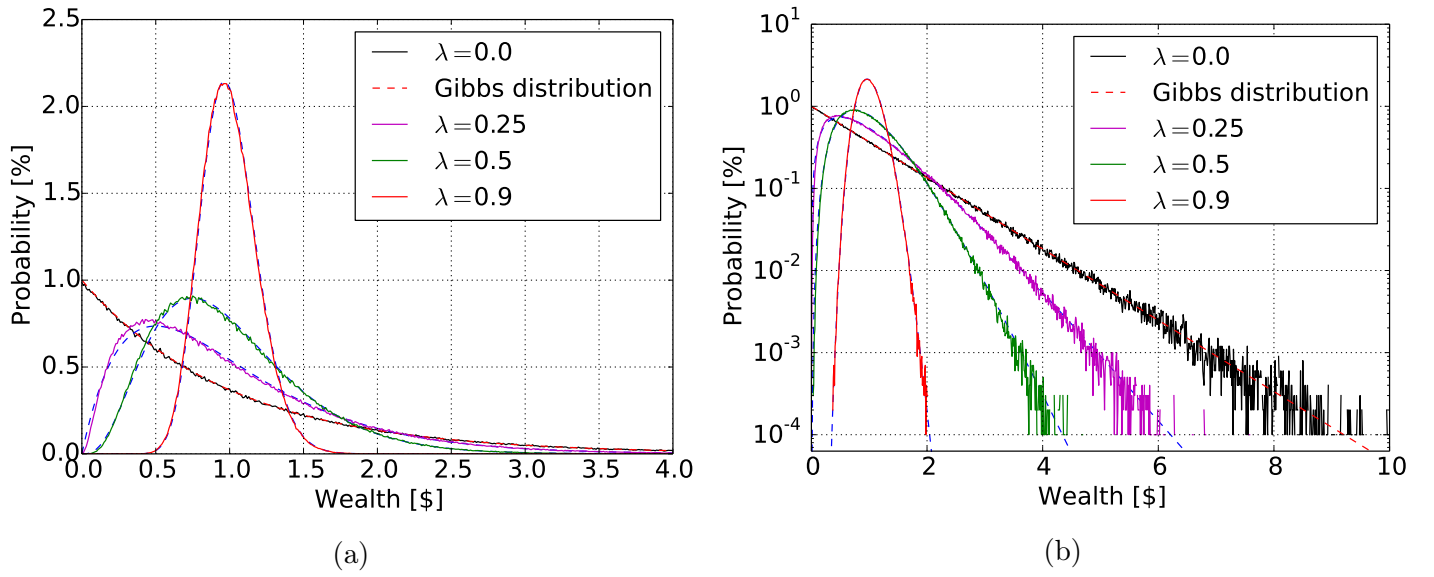


Figure 2: a) Shows how  $E$  behaves around  $T_C$  b) Shows how  $|M|$  develops near  $T_C$ .

## 4.3 5d

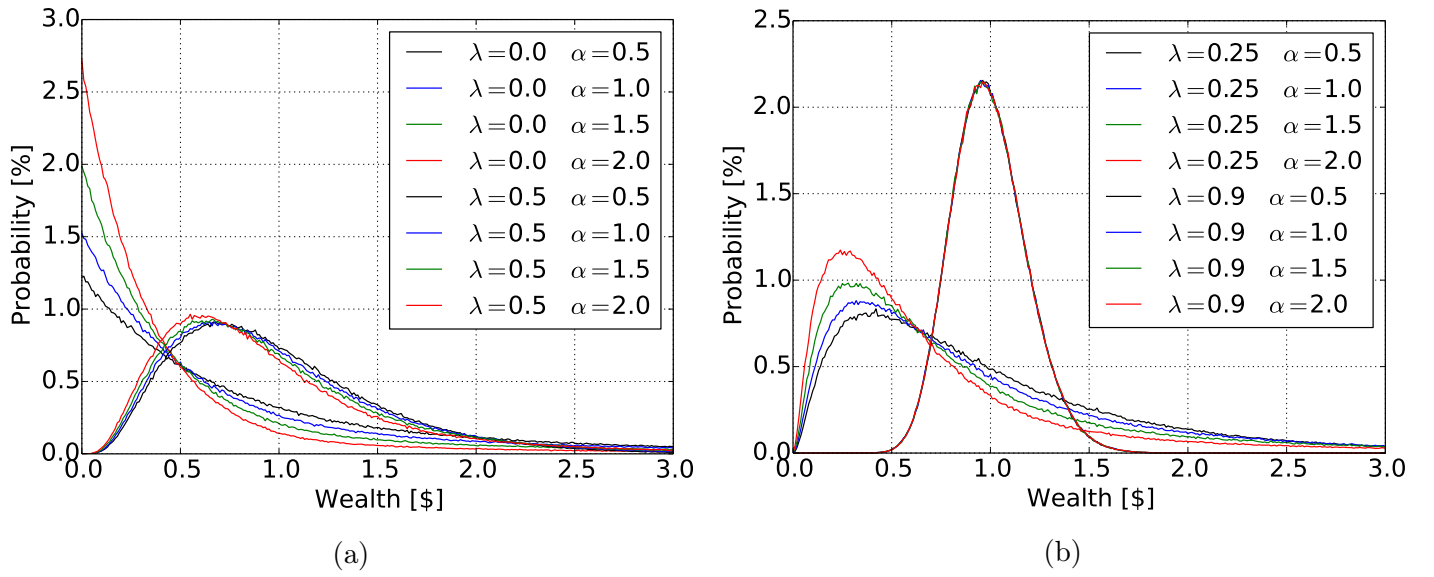


Figure 3: a) Shows how  $E$  behaves around  $T_C$  b) Shows how  $|M|$  develops near  $T_C$ .

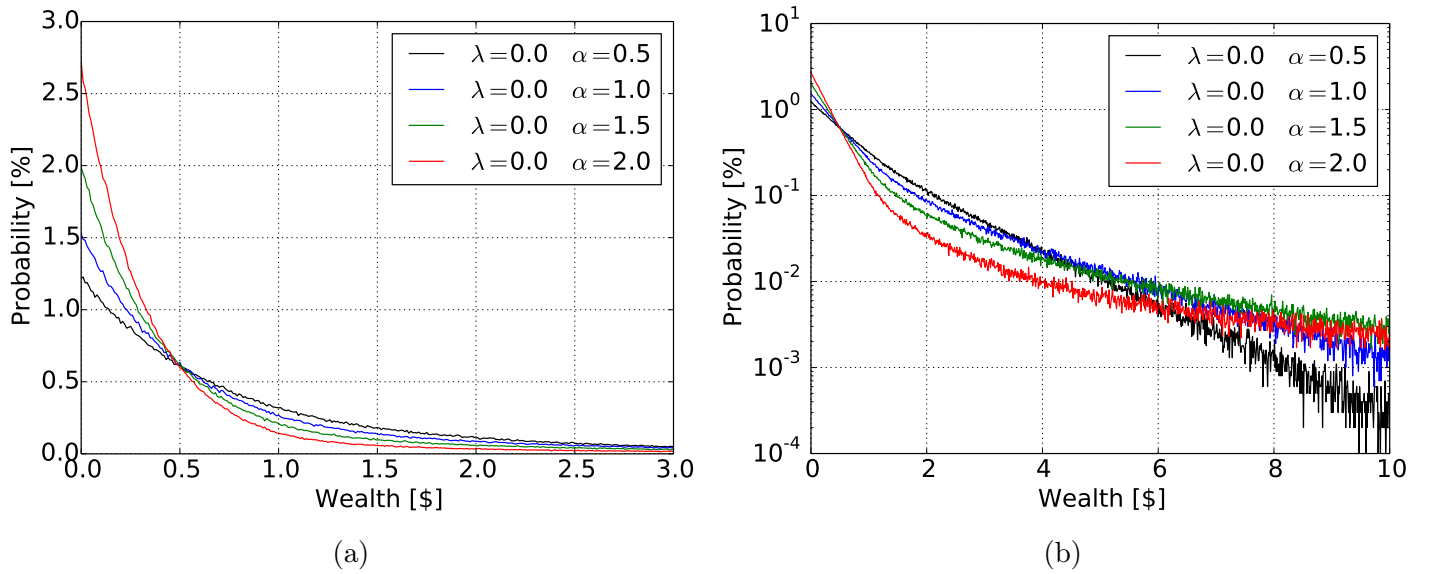


Figure 4: a) Shows how  $E$  behaves around  $T_C$  b) Shows how  $|M|$  develops near  $T_C$ .

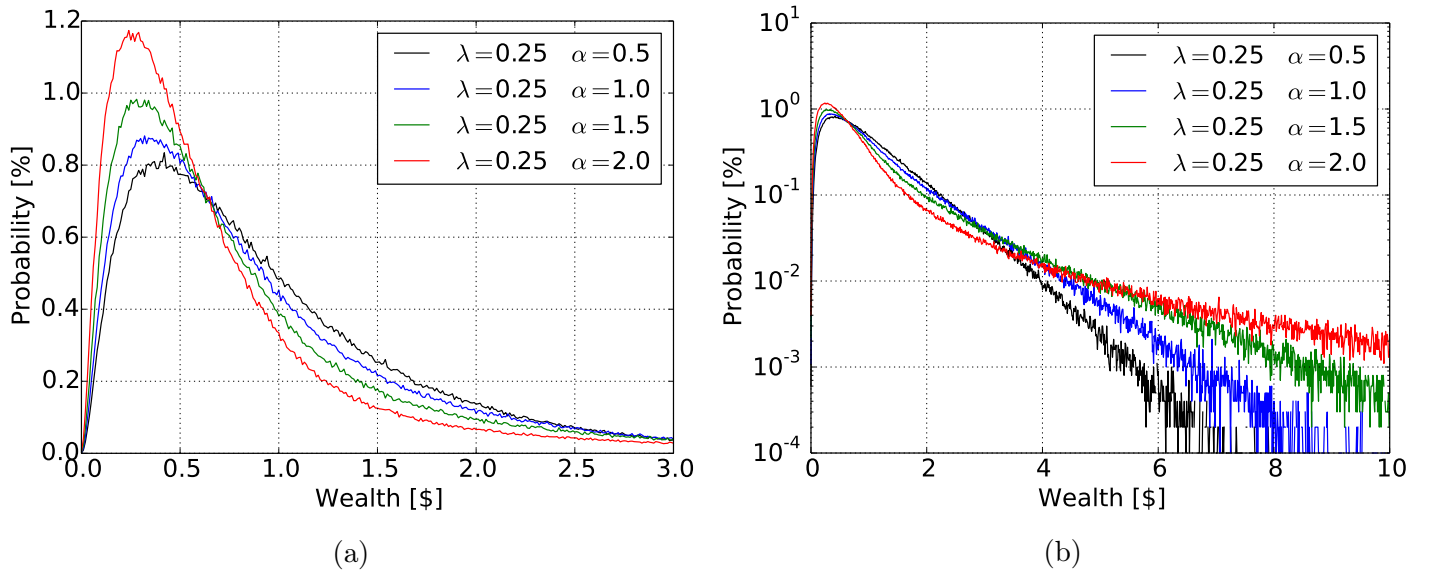


Figure 5: a) Shows how  $E$  behaves around  $T_C$  b) Shows how  $|M|$  develops near  $T_C$ .

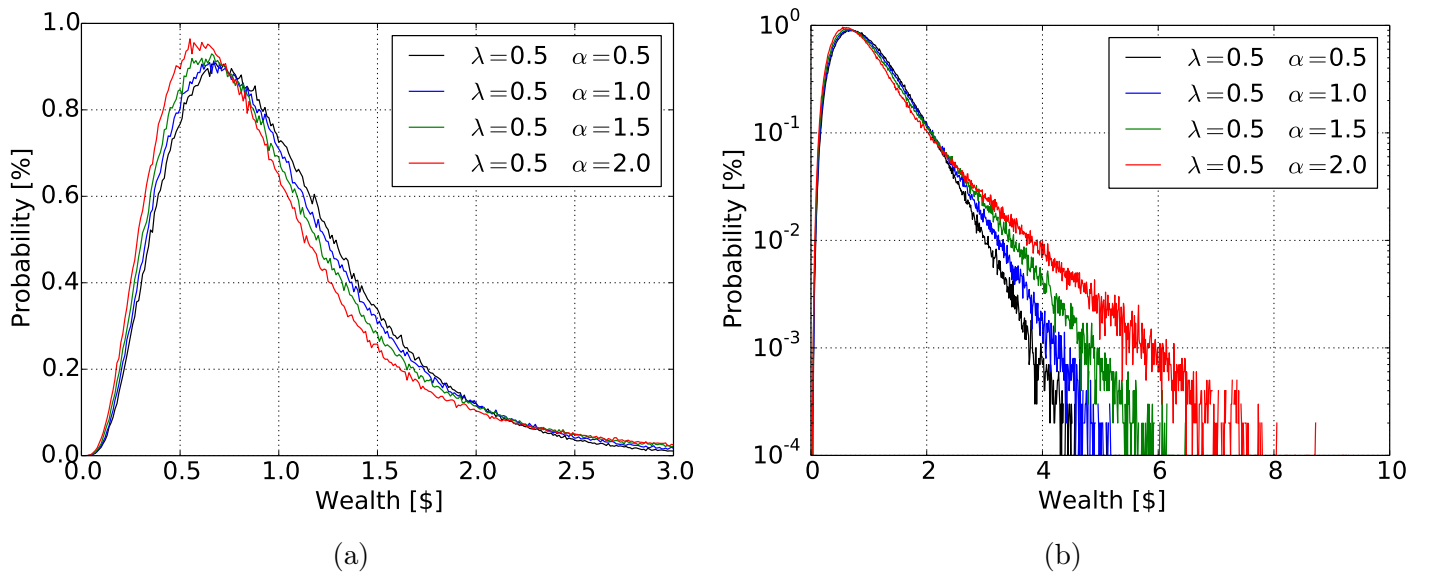


Figure 6: a) Shows how  $E$  behaves around  $T_C$  b) Shows how  $|M|$  develops near  $T_C$ .

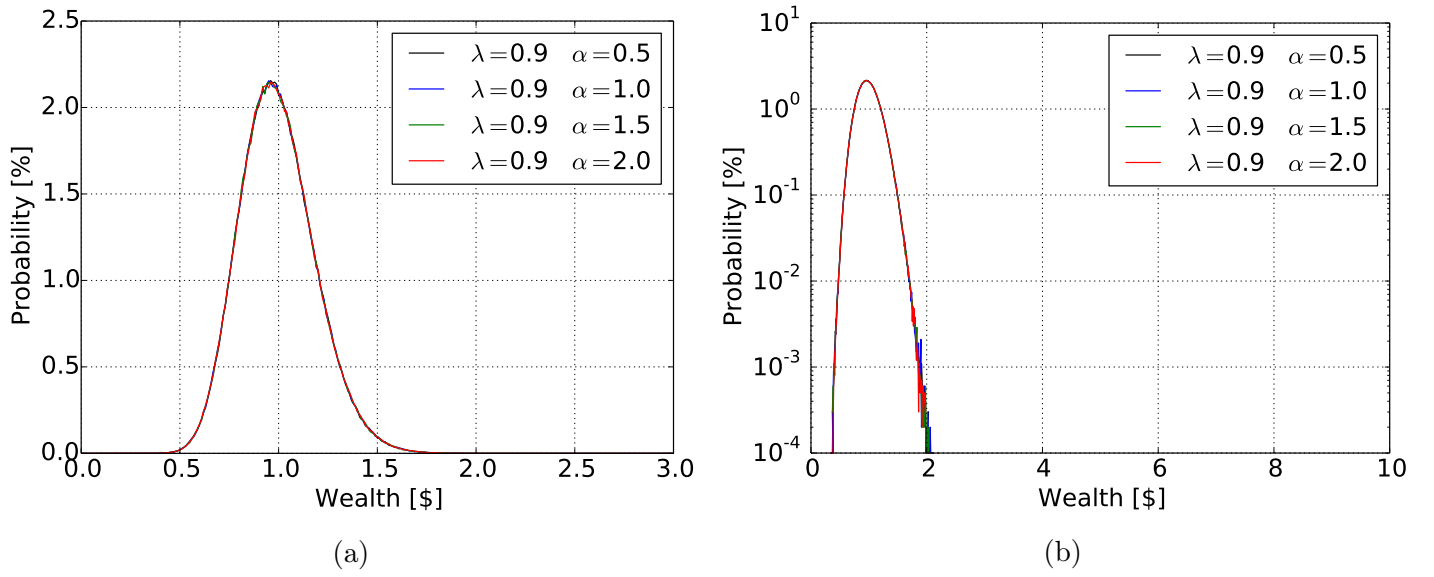


Figure 7: a) Shows how  $E$  behaves around  $T_C$  b) Shows how  $|M|$  develops near  $T_C$ .



## 4.4 5e

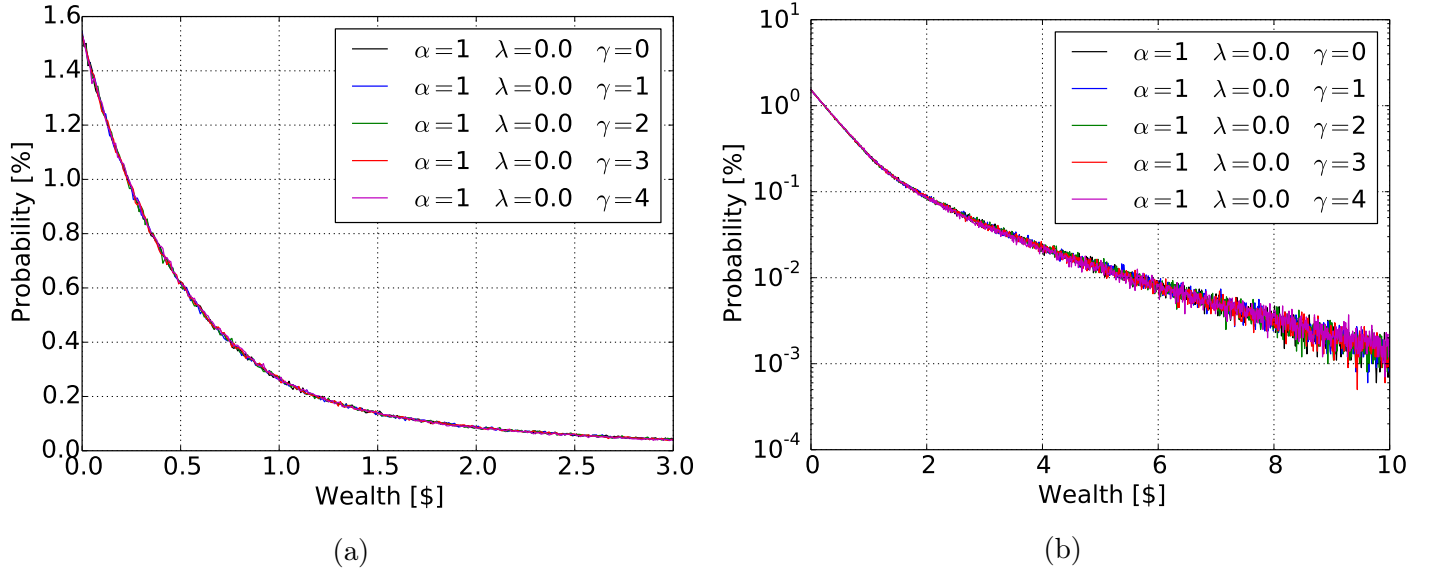


Figure 8: a) Shows how  $E$  behaves around  $T_C$  b) Shows how  $|M|$  develops near  $T_C$ .

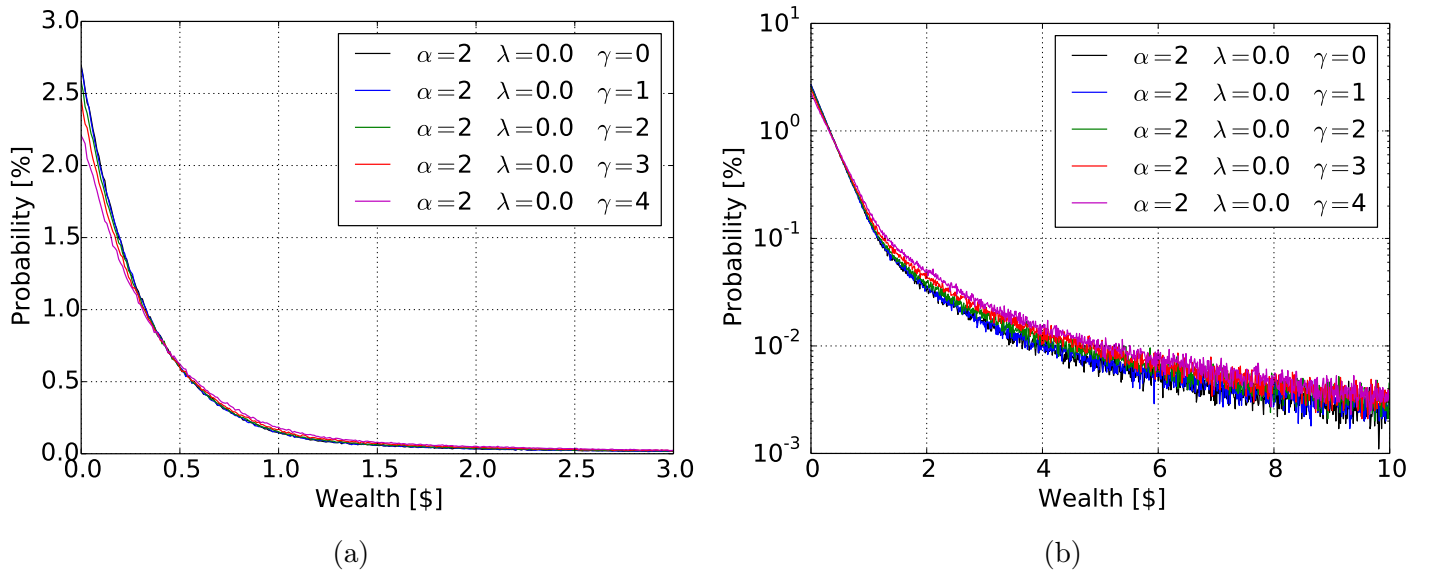


Figure 9: a) Shows how  $E$  behaves around  $T_C$  b) Shows how  $|M|$  develops near  $T_C$ .

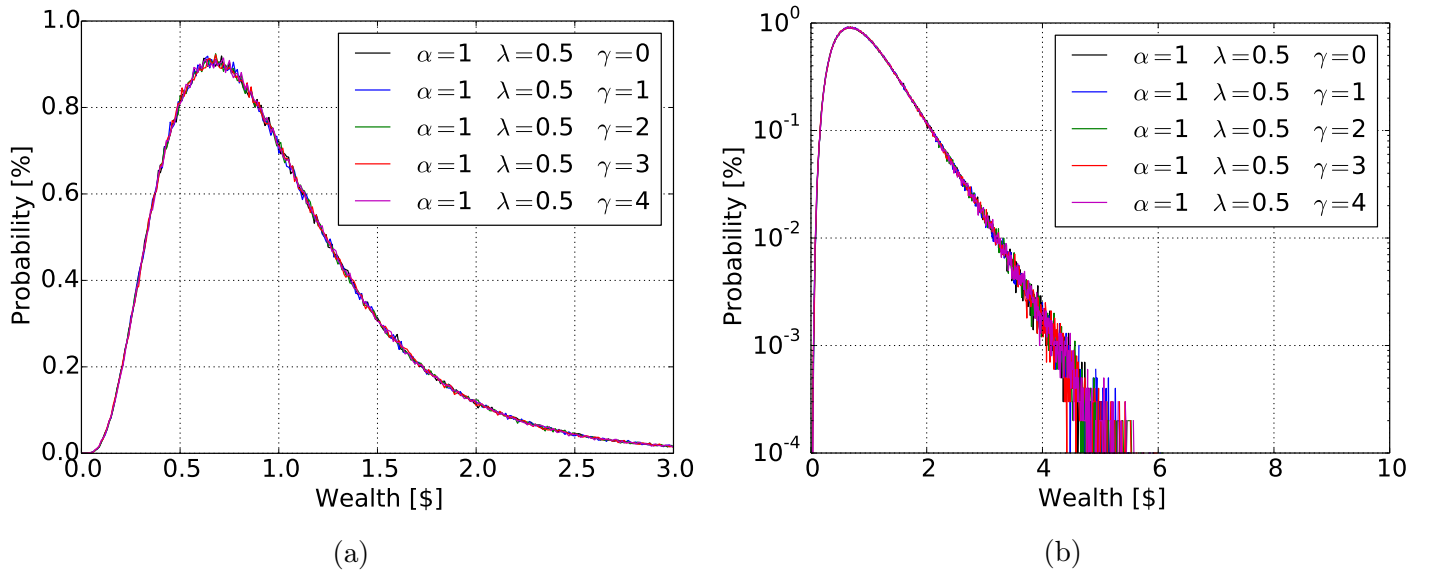


Figure 10: a) Shows how  $E$  behaves around  $T_C$  b) Shows how  $|M|$  develops near  $T_C$ .

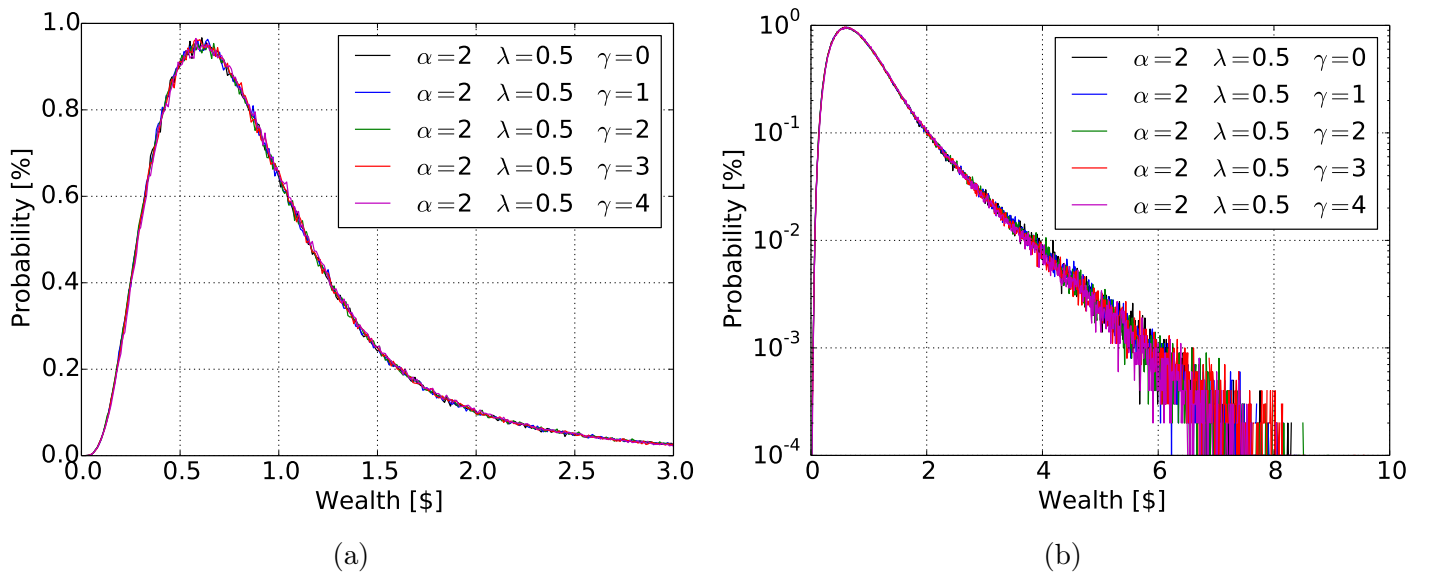


Figure 11: a) Shows how  $E$  behaves around  $T_C$  b) Shows how  $|M|$  develops near  $T_C$ .

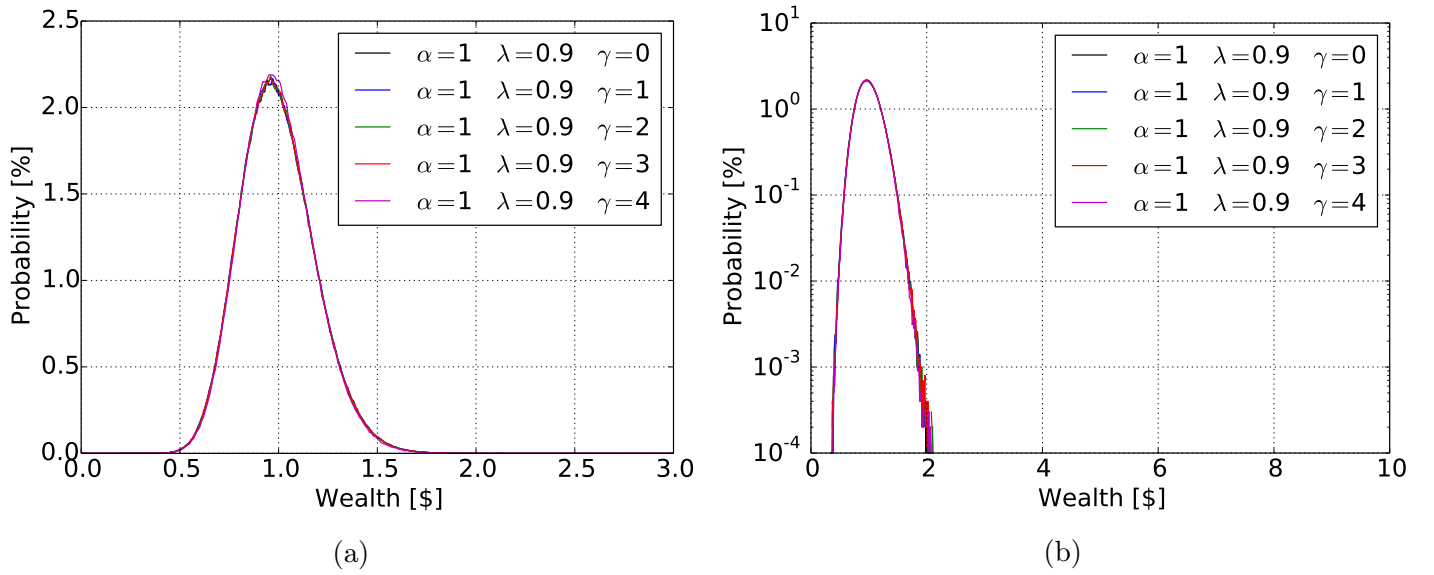


Figure 12: a) Shows how  $E$  behaves around  $T_C$  b) Shows how  $|M|$  develops near  $T_C$ .

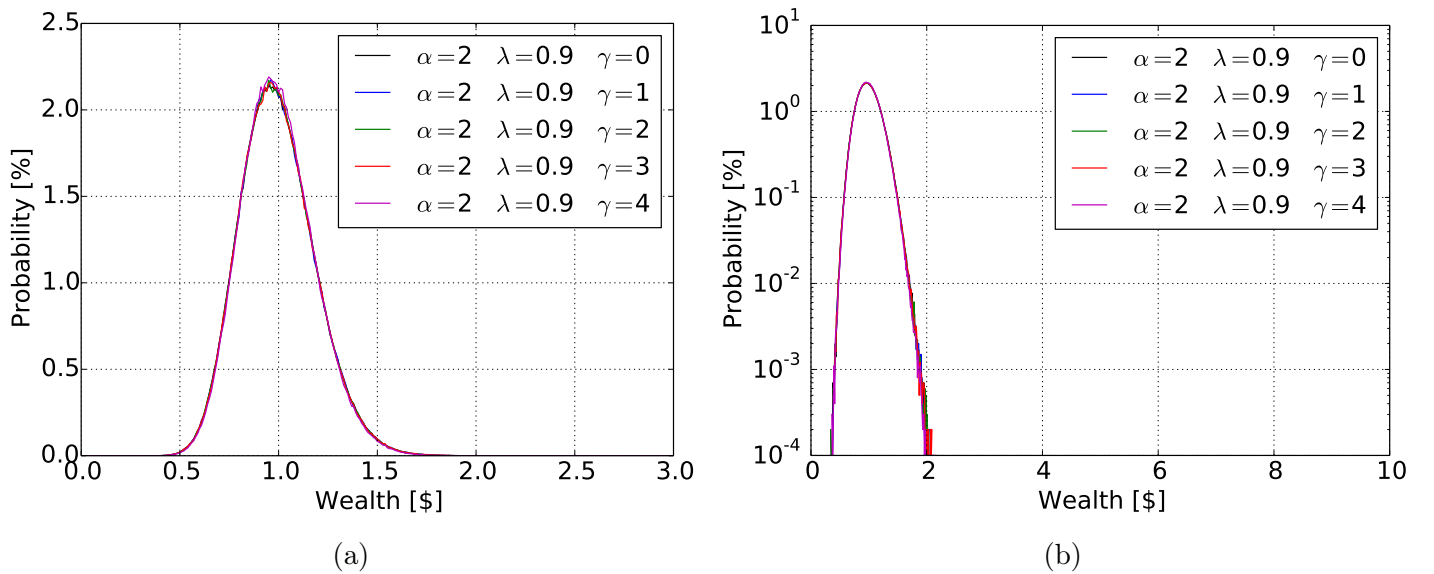


Figure 13: a) Shows how  $E$  behaves around  $T_C$  b) Shows how  $|M|$  develops near  $T_C$ .

## 5 Conclusion

## 6 References

## 7 Appendix