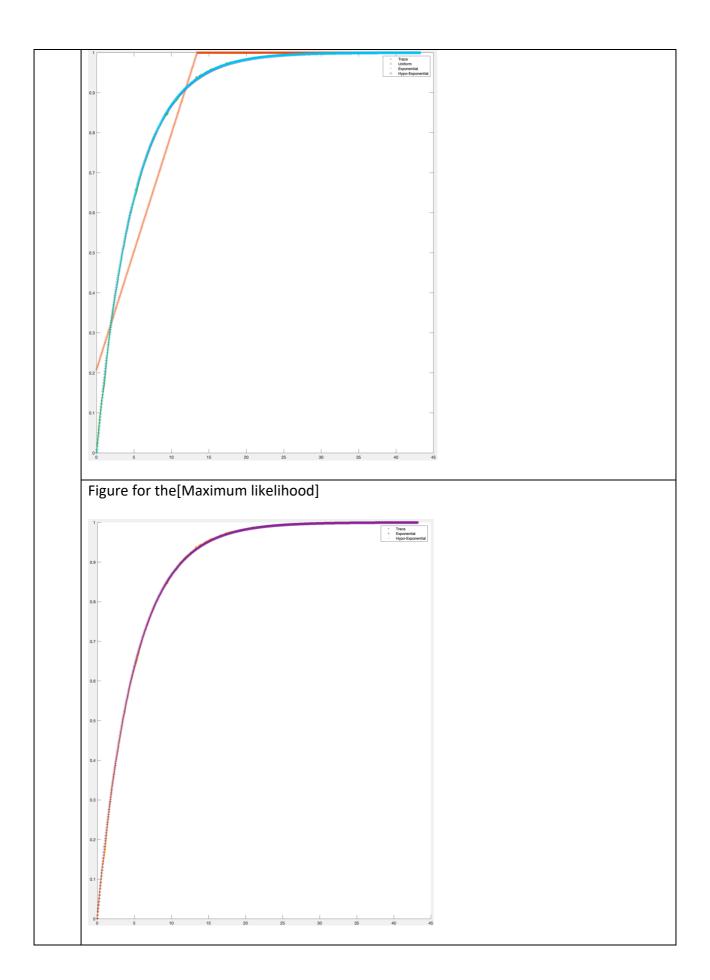
## **Fitting**

To have this assignment evaluated for the in-class exam, please upload on WeBeep a ZIP file including:

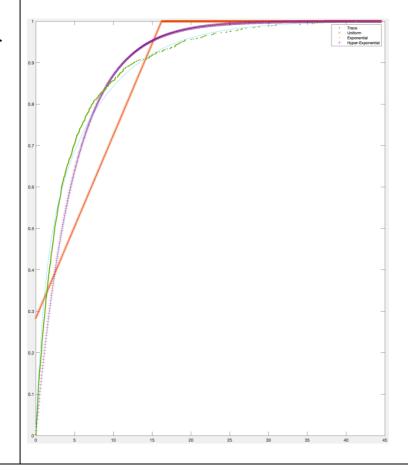
- the source code used to solve this assignment
- this file, with the table below properly filled

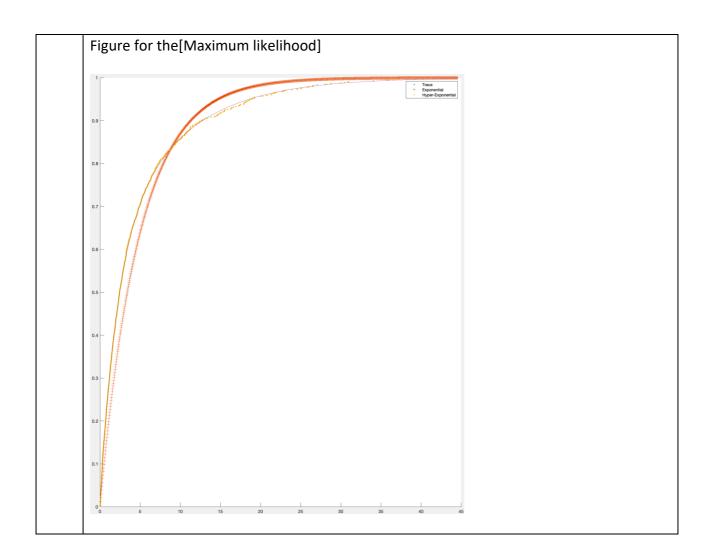


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Traces.c

1st Moment of the trace	4.911168
2 <sup>nd</sup> Moment of the trace	66.828310
3 <sup>rd</sup> Moment of the trace	1452.391341
Uniform Left bound <i>a</i> [Method of moments]	-6.408117
Uniform Right bound b [Method of moments]	16.230453
Exponential rate λ [Method of moments]	0.203618
λ <sub>1</sub> HyperExponential [Method of moments]	0.941563
λ <sub>2</sub> HyperExponential [Method of moments]	0.136502
p <sub>1</sub> HyperExponential [Method of moments]	0.385504
λ <sub>1</sub> HypoExponential [Method of moments]	CV > 1
λ <sub>2</sub> HypoExponential [Method of moments]	CV > 1
Exponential rate λ [Maximum likelihood]	0.203618
λ <sub>1</sub> HyperExponential [Maximum likelihood]	0.497074
λ <sub>2</sub> HyperExponential [Maximum likelihood]	0.117863
p <sub>1</sub> HyperExponential [Maximum likelihood]	0.552053
λ <sub>1</sub> HypoExponential [Maximum likelihood]	CV > 1
λ <sub>2</sub> HypoExponential [Maximum likelihood]	CV > 1
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Figure for the [Method of moments]





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1 <sup>st</sup> Moment of the trace	5.068105
2 <sup>nd</sup> Moment of the trace	39.192227
3 <sup>rd</sup> Moment of the trace	408.296795
Uniform Left bound a [Method of moments]	-1.297396
Uniform Right bound b [Method of moments]	11.433606
Exponential rate $\lambda$ [Method of moments]	0.197312
$\lambda_1$ HyperExponential [Method of moments]	CV < 1
λ <sub>2</sub> HyperExponential [Method of moments]	CV < 1
p <sub>1</sub> HyperExponential [Method of moments]	CV < 1
λ <sub>1</sub> HypoExponential [Method of moments]	0.321532
λ <sub>2</sub> HypoExponential [Method of moments]	0.510727
Exponential rate λ [Maximum likelihood]	0.197312
λ <sub>1</sub> HyperExponential [Maximum likelihood]	CV < 1
λ <sub>2</sub> HyperExponential [Maximum likelihood]	CV < 1
p <sub>1</sub> HyperExponential [Maximum likelihood]	CV < 1
λ <sub>1</sub> HypoExponential [Maximum likelihood]	0.319409
λ <sub>2</sub> HypoExponential [Maximum likelihood]	0.516177
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Figure for the [Method of moments]

