Experimental results of price prediction methods for Spot instances in Cloud computing

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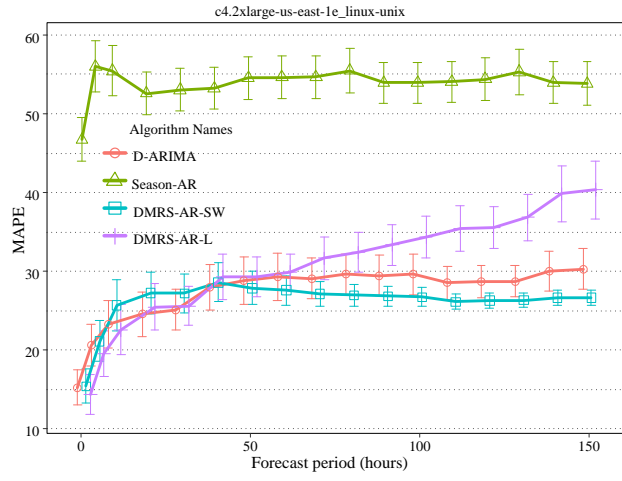[b]*School of Computer Science and Engineering, Southeast University, Nanjing, China*
[c]*Instituto Tecnológico de Informática, Acc. B. Universitat Politècnica de València, València, Spain.*
[d]*Key Laboratory of Image and Video Understanding for Social Safety, Nanjing, China*
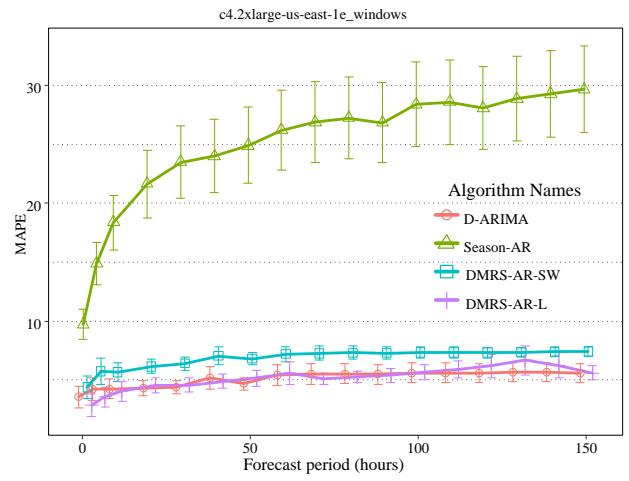*Key Laboratory of Computer Network and Information Integration (Southeast University), Ministry of Education.*
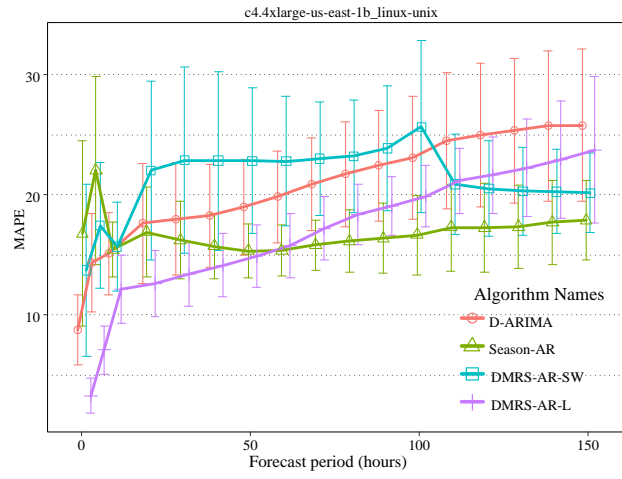
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   Email addresses: `caizhicheng@njust.edu.cn` (Zhicheng Cai),
`xpli@seu.edu.cn` (Xiaoping Li), `rruiz@eio.upv.es` (Rubén Ruiz),
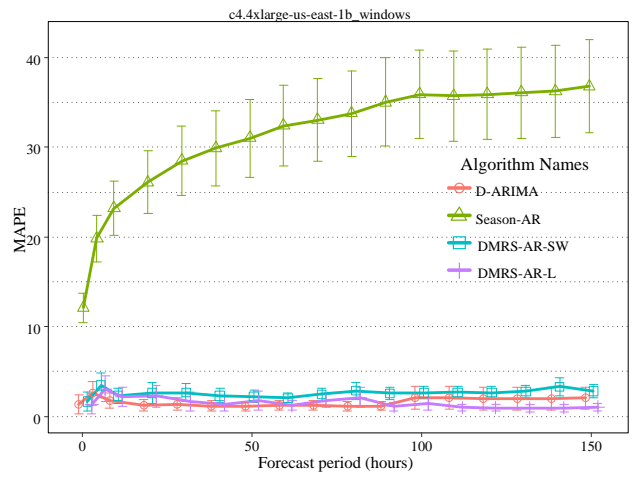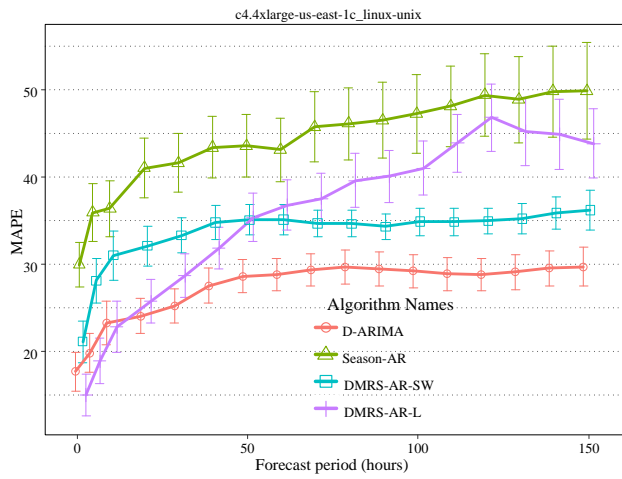`qianmu@njust.edu.cn` (Qianmu Li)

Figure 1: Mean Absolute Percentage Error (MAPE) on computation-intensive virtual machine types.

c4.4xlarge-us-east-1d_linux-unix

c4.4xlarge-us-east-1e_linux-unix

(a)

(b)

c4.4xlarge-us-east-1e_windows

c4.8xlarge-us-east-1b_linux-unix

(c)

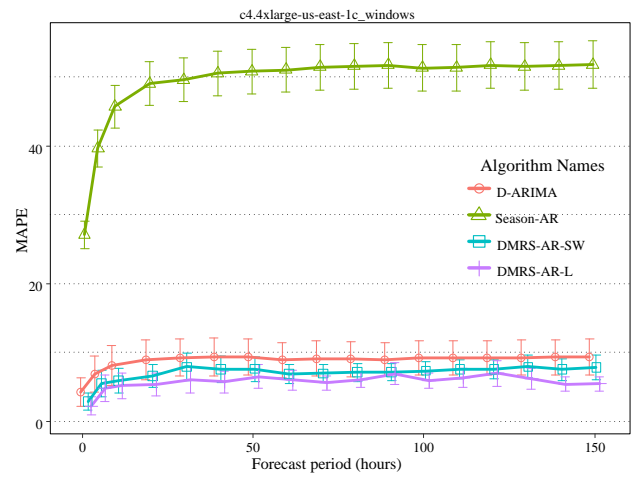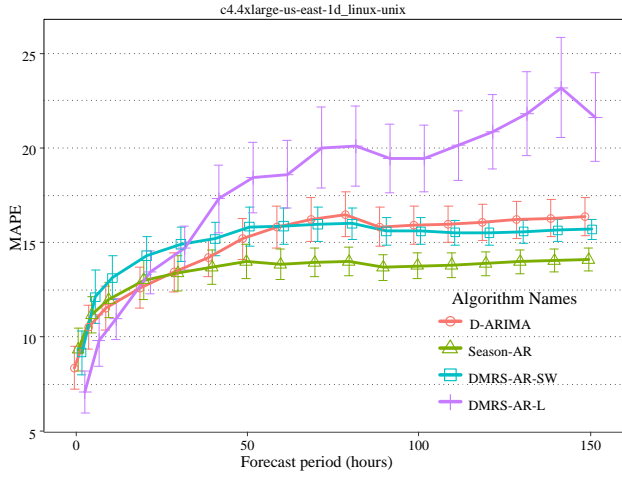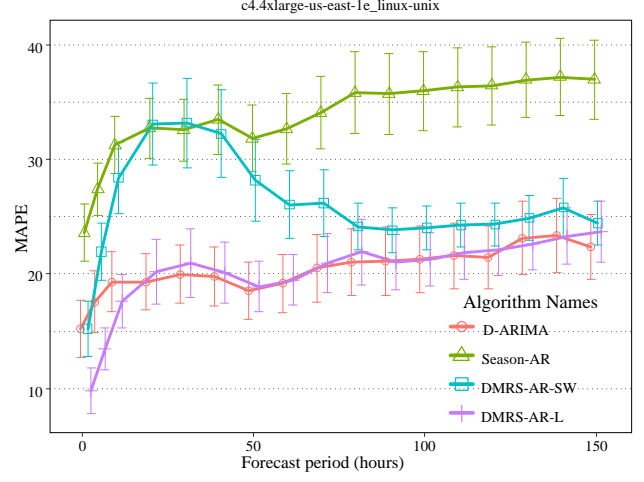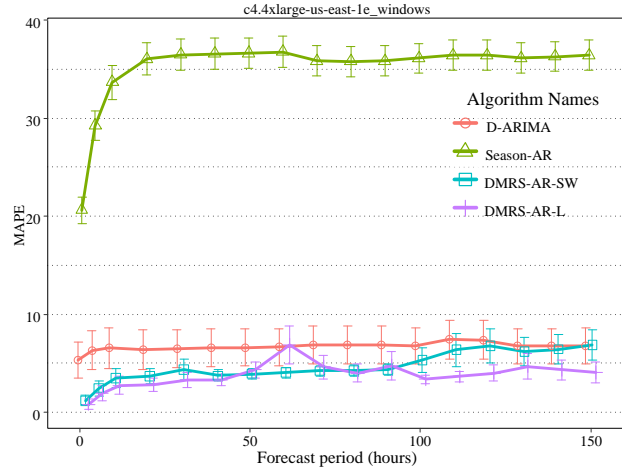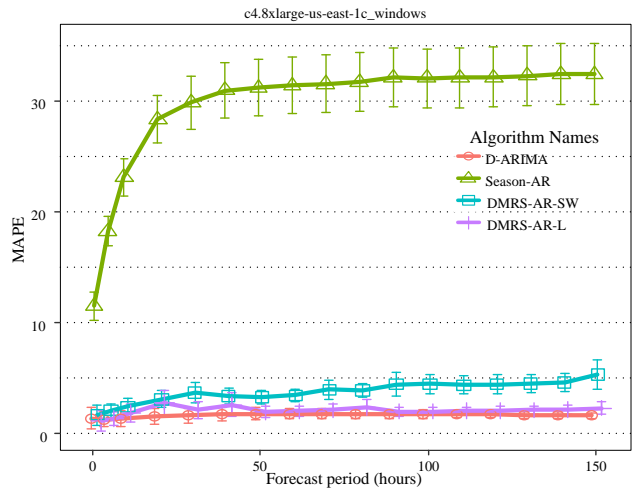(d)

c4.8xlarge-us-east-1c_linux-unix
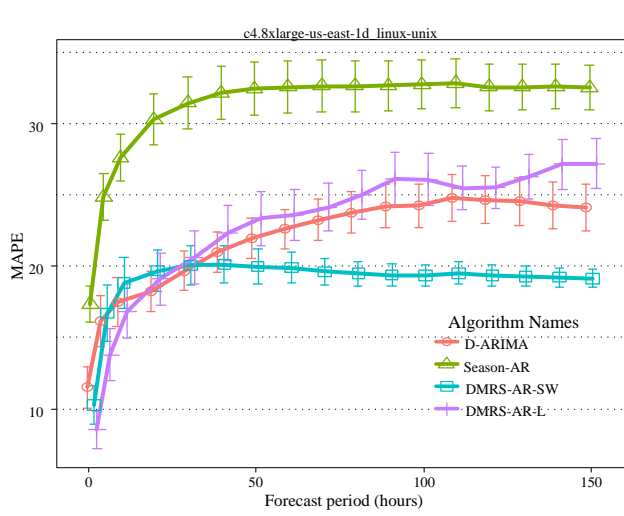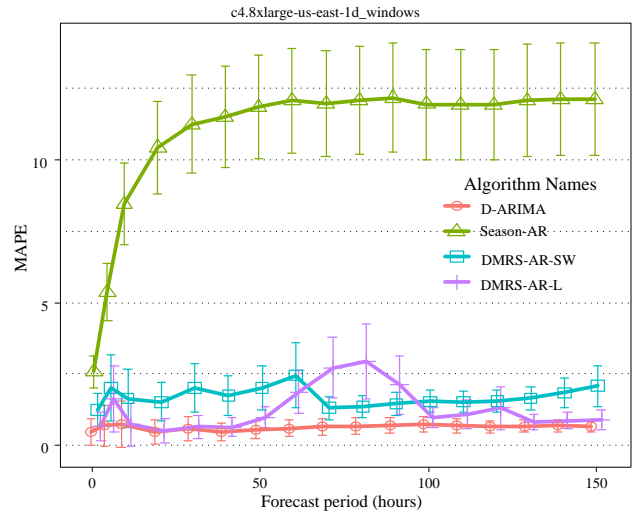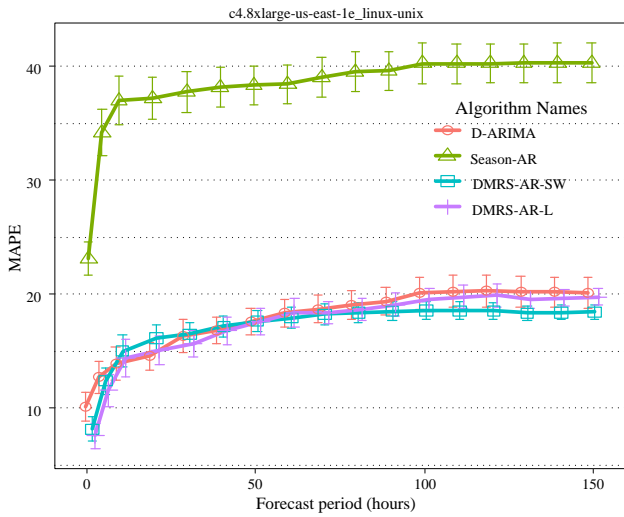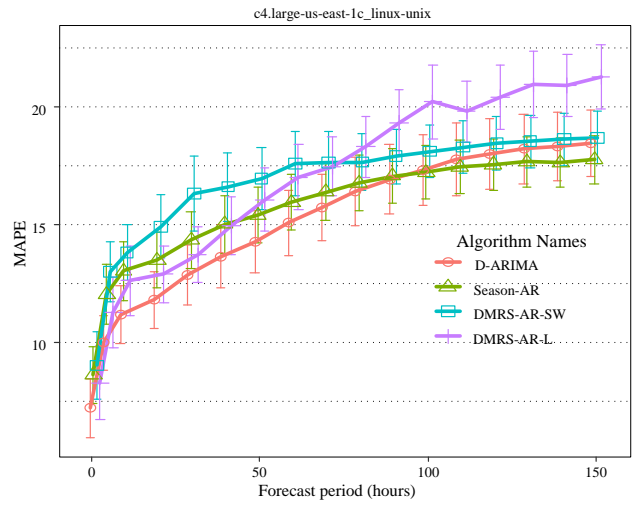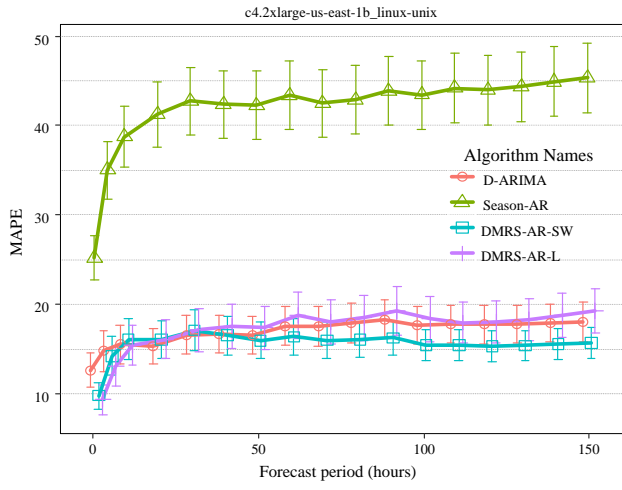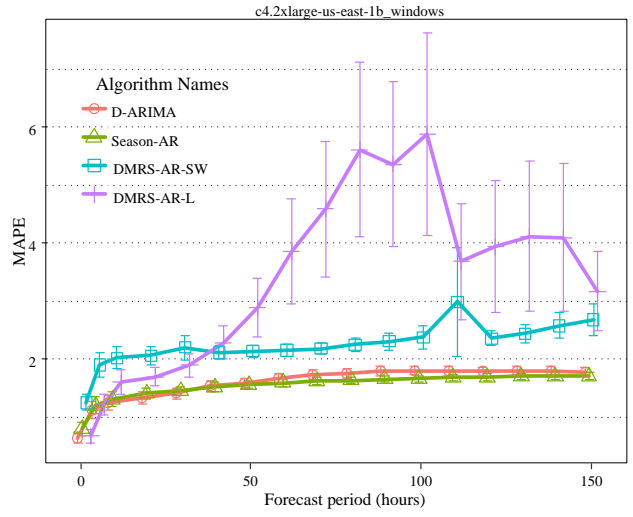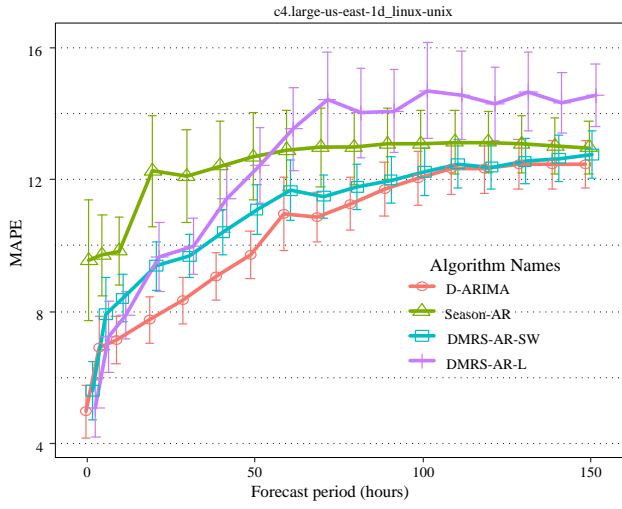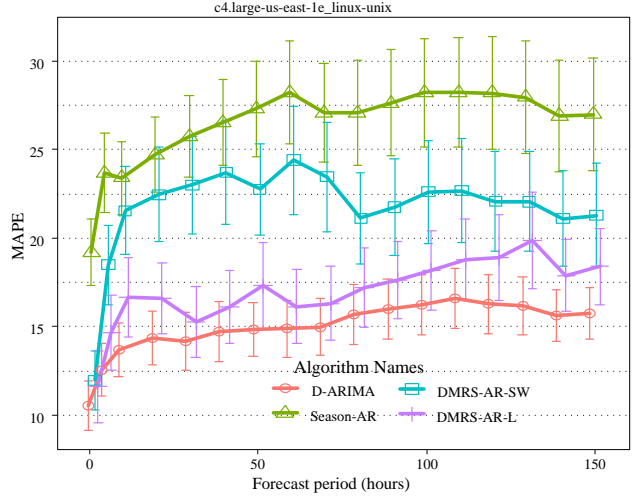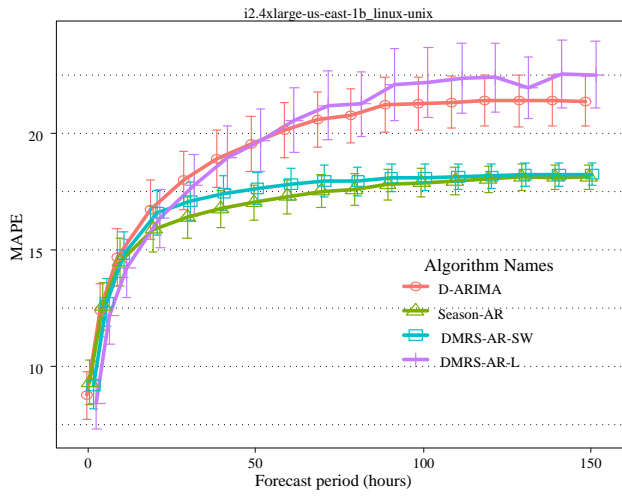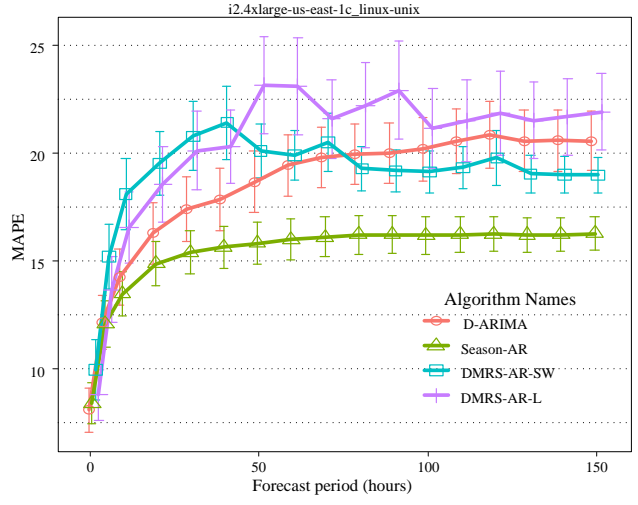
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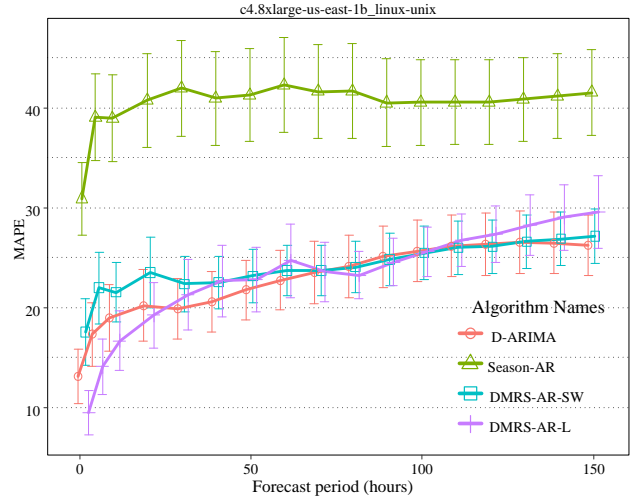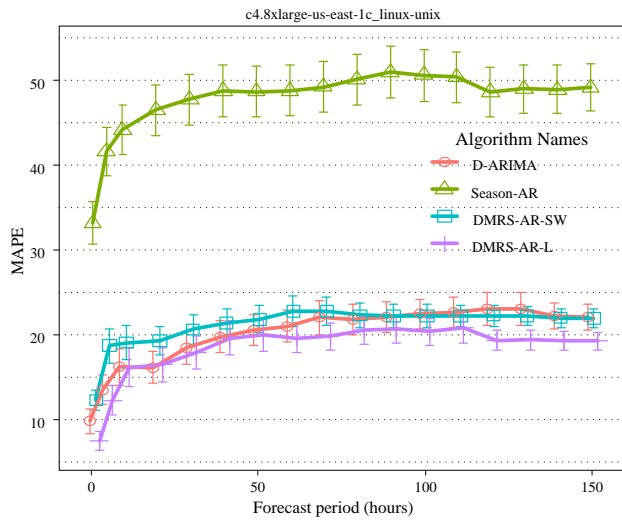
(e)

(f)

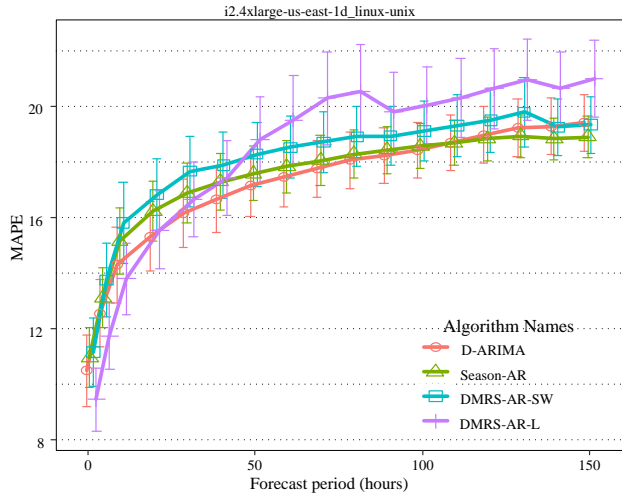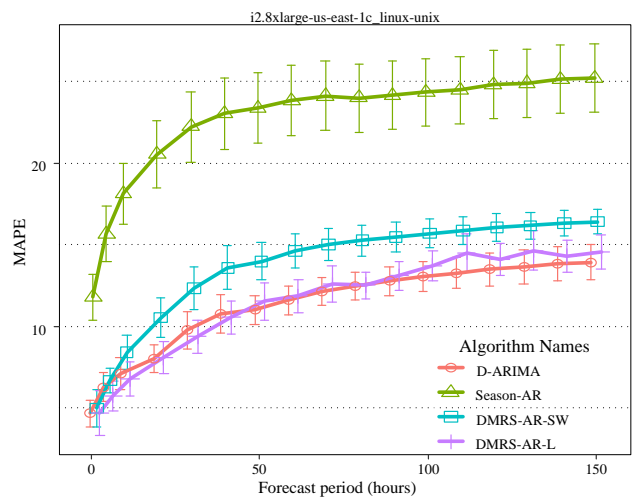Figure 2: Mean Absolute Percentage Error (MAPE) on computation-intensive virtual machine types.
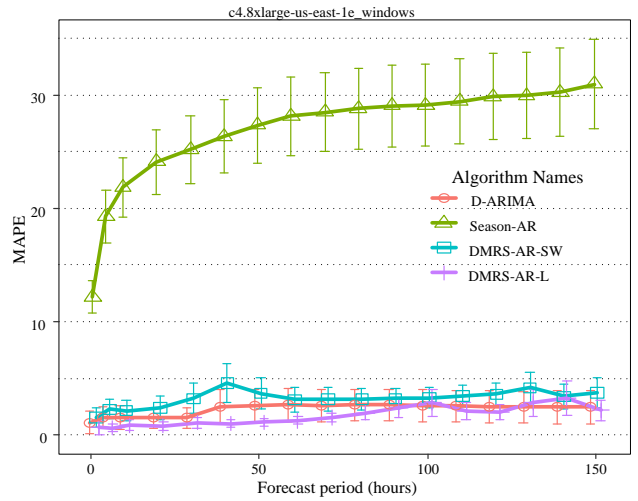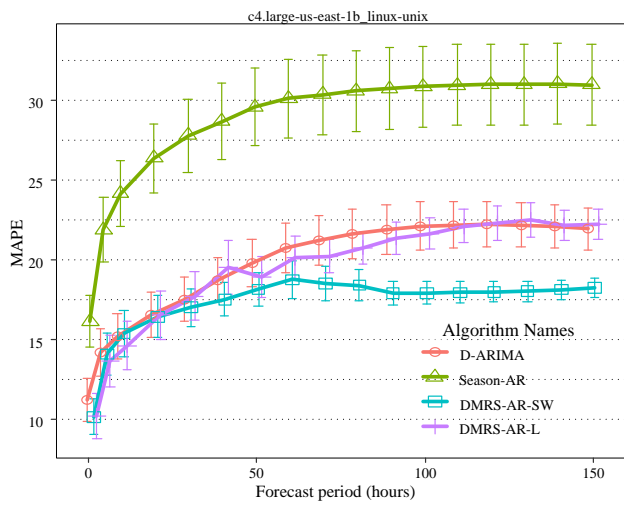
Figure 3: Mean Absolute Percentage Error (MAPE) on computation-intensive virtual machine types.

c4.2xlarge-us-east-1b_linux-unix

(a)

c4.2xlarge-us-east-1b_windows

(b)

c4.large-us-east-1d_linux-unix

(c)

c4.large-us-east-1e_linux-unix

(d)

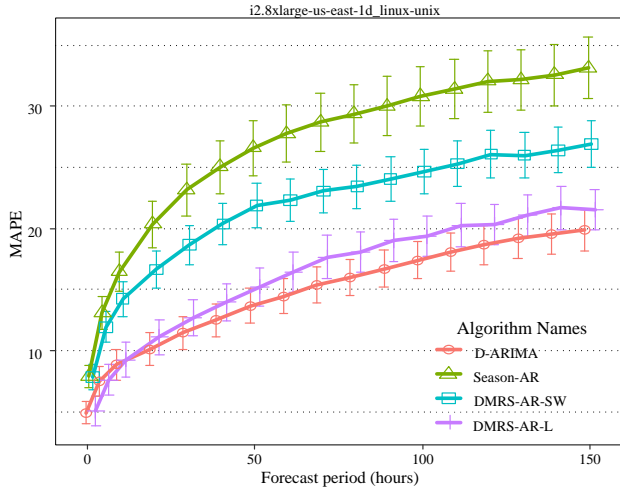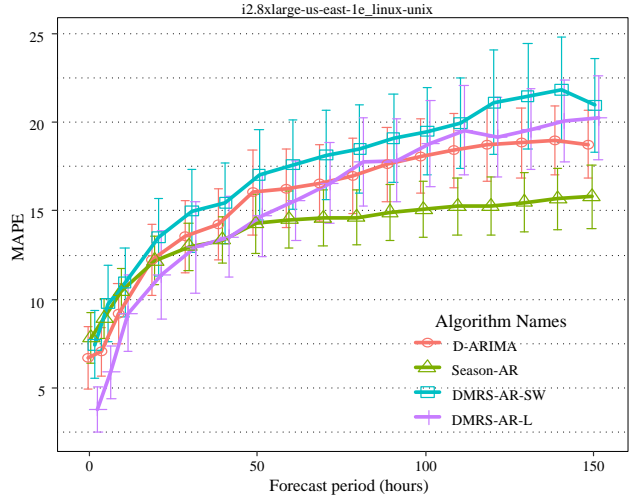Figure 4: Mean Absolute Percentage Error (MAPE) on computation-intensive virtual machine types.
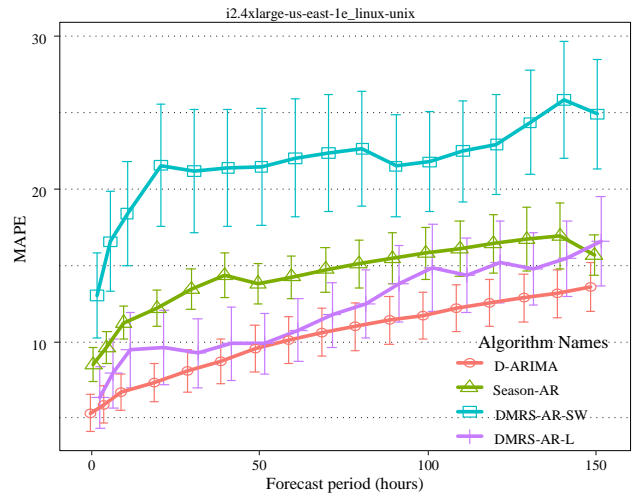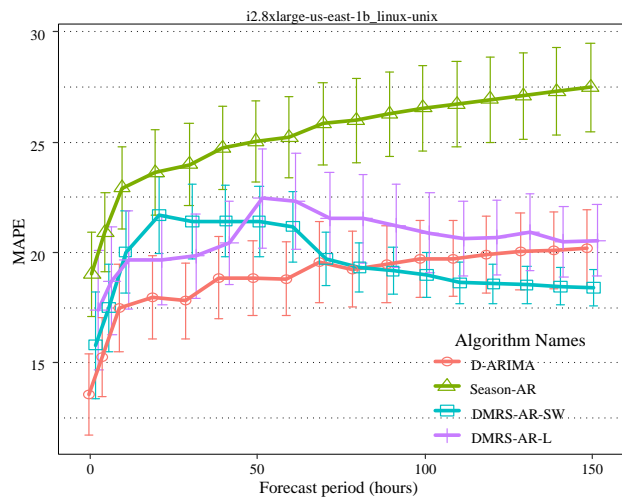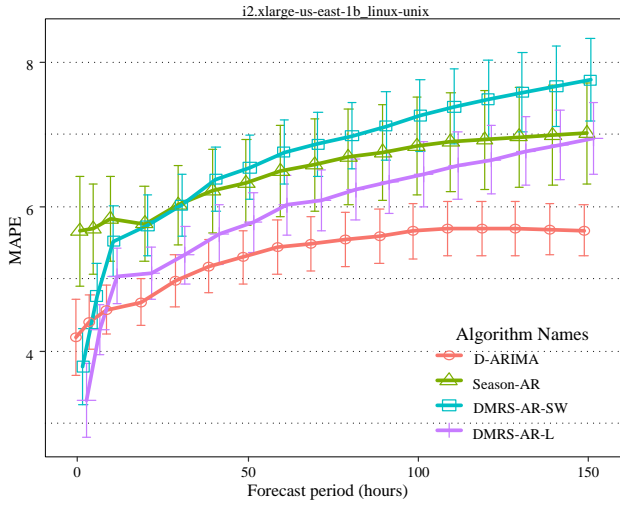
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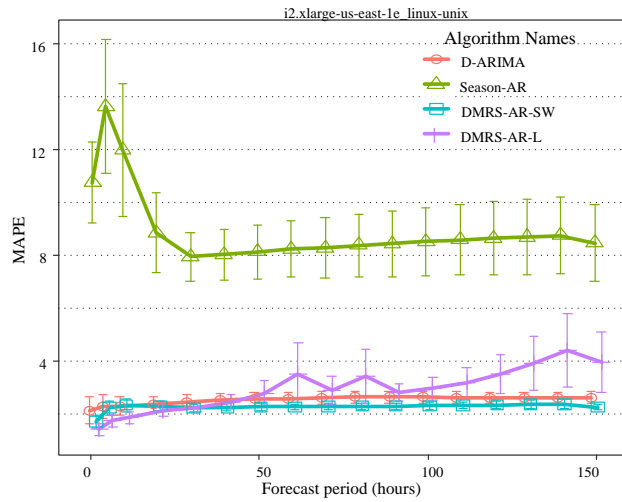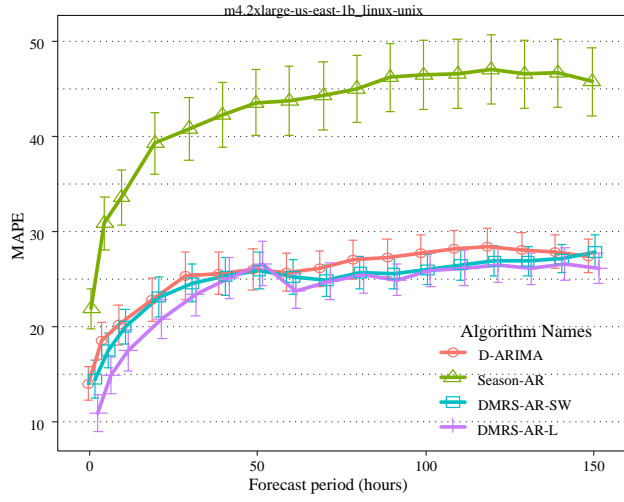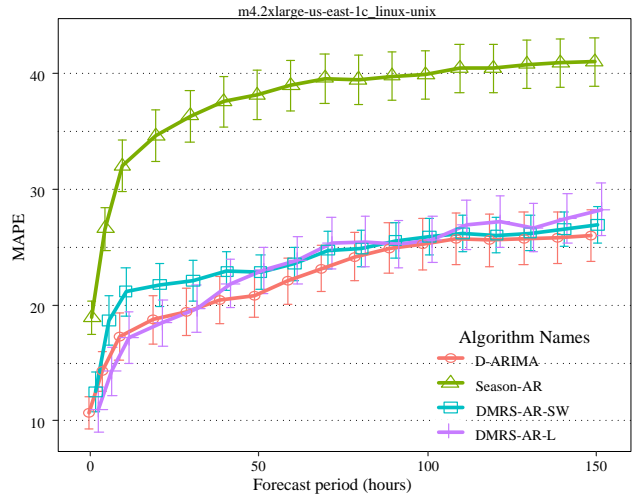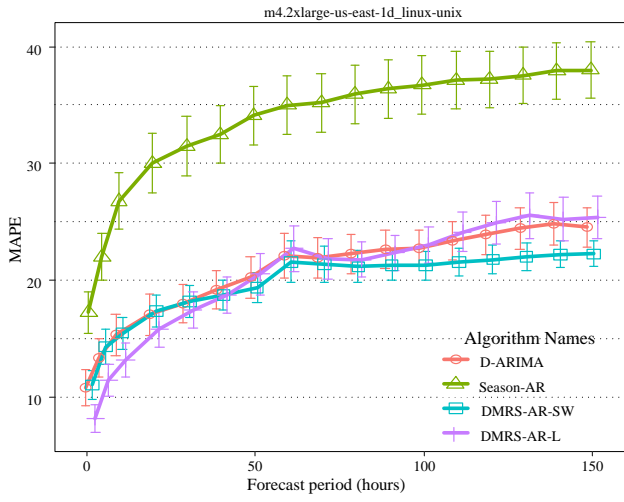
(a)

(b)

(c)
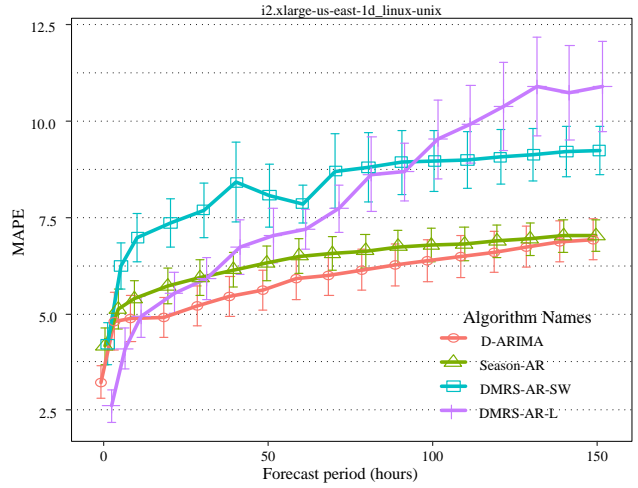
(d)

(e)

Figure 6: Mean Absolute Percentage Error (MAPE) on io-intensive virtual machine types.
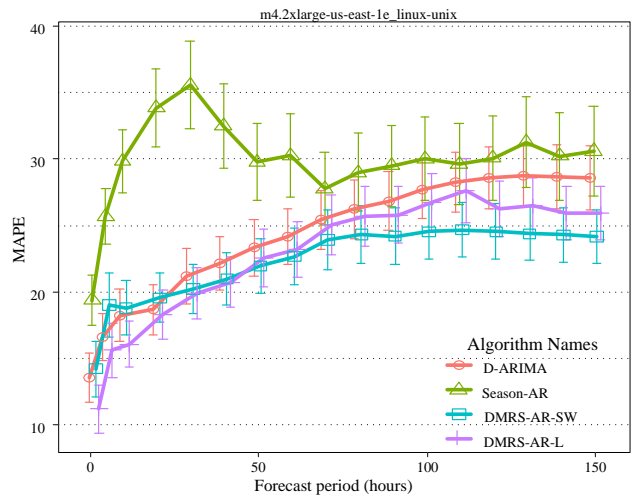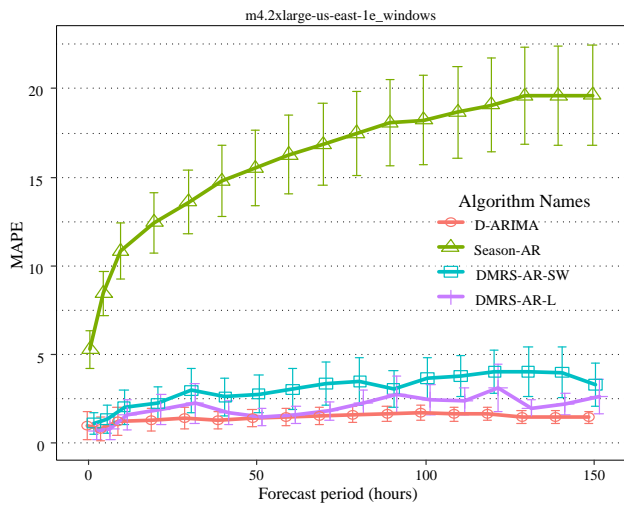
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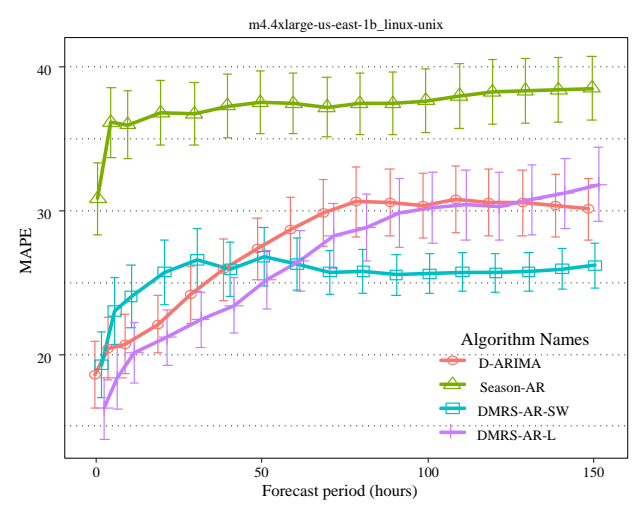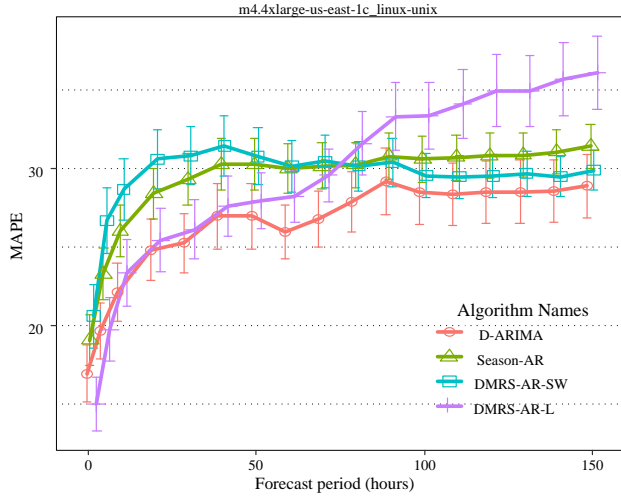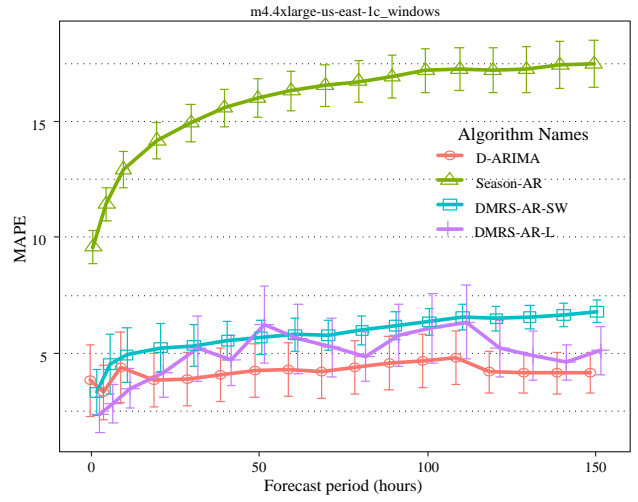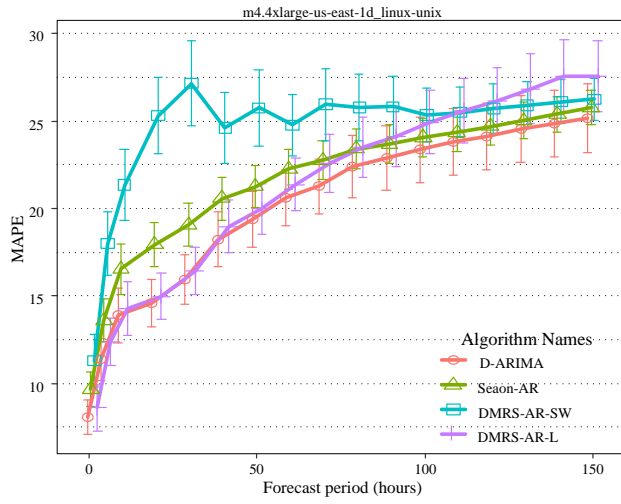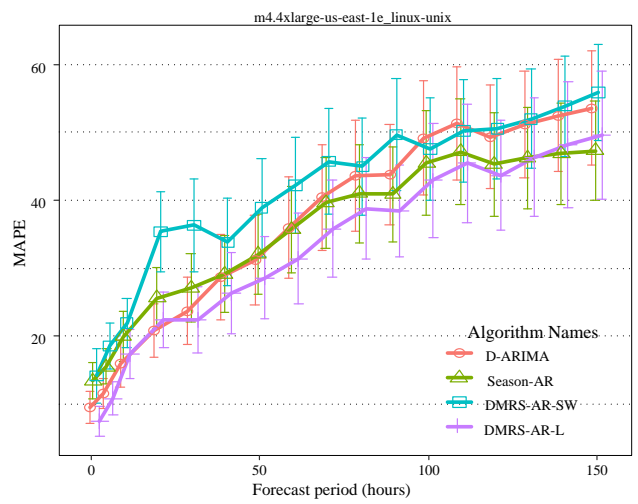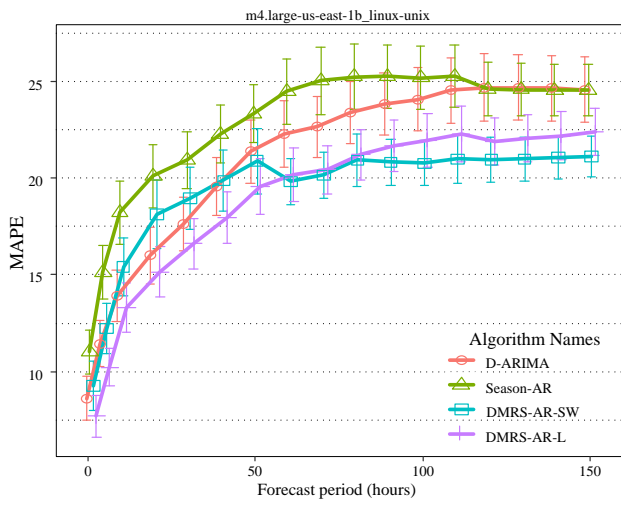
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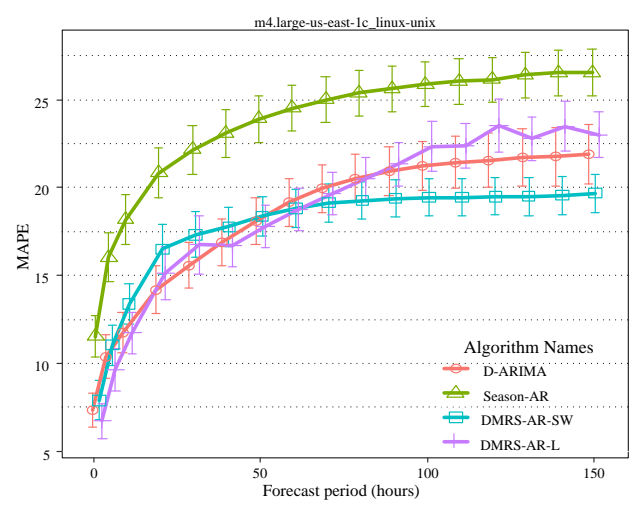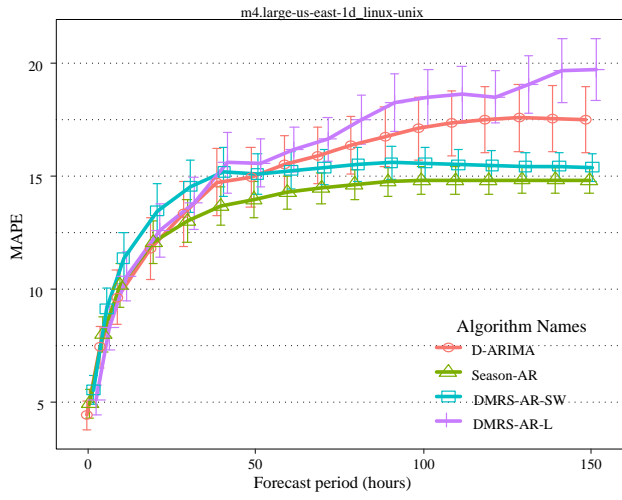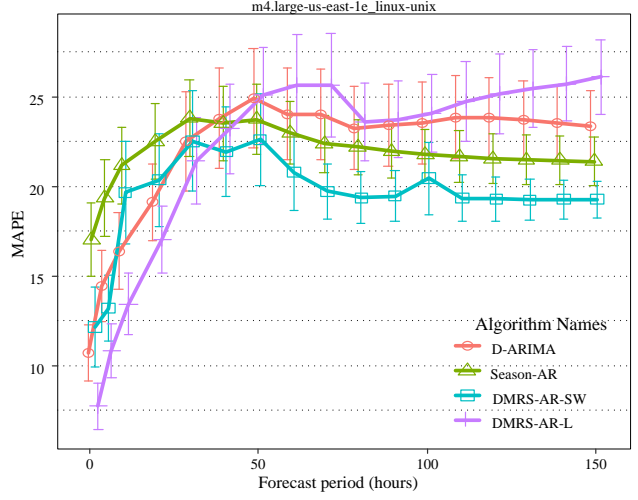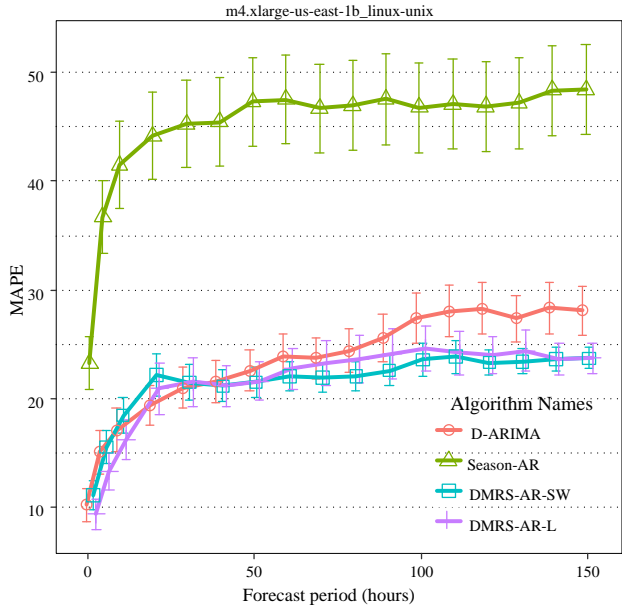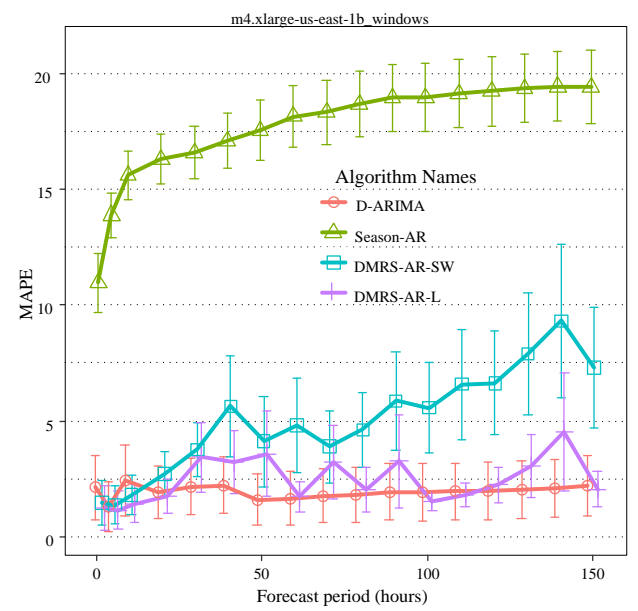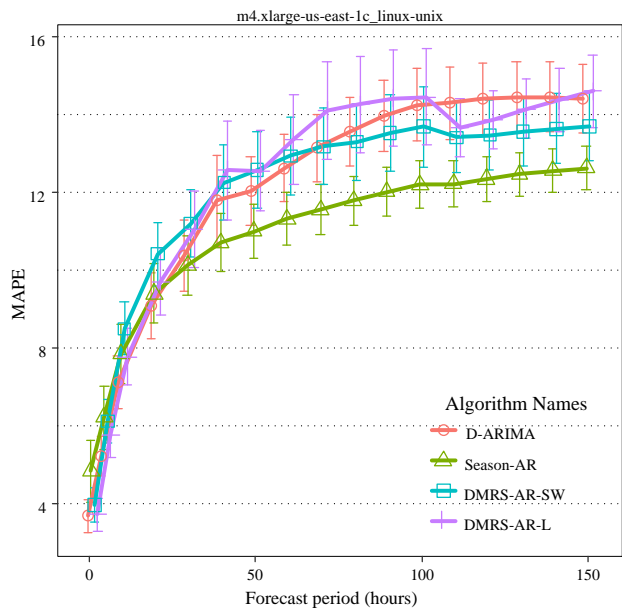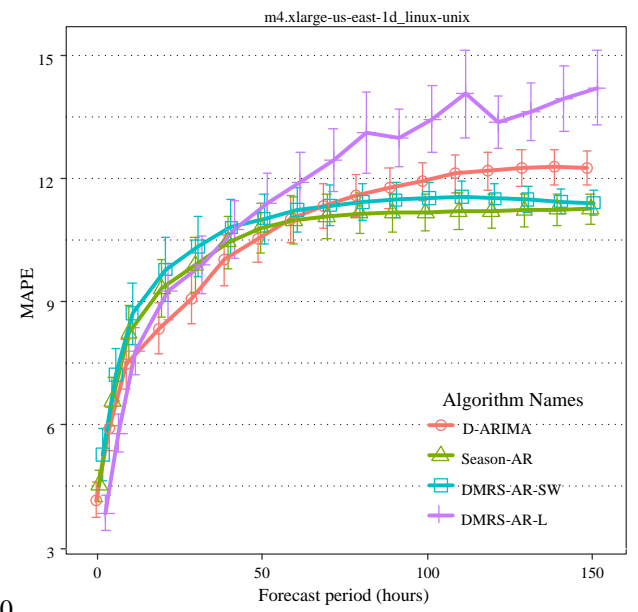
Figure 9: Mean Absolute Percentage Error (MAPE) on memory-intensive virtual machine types.