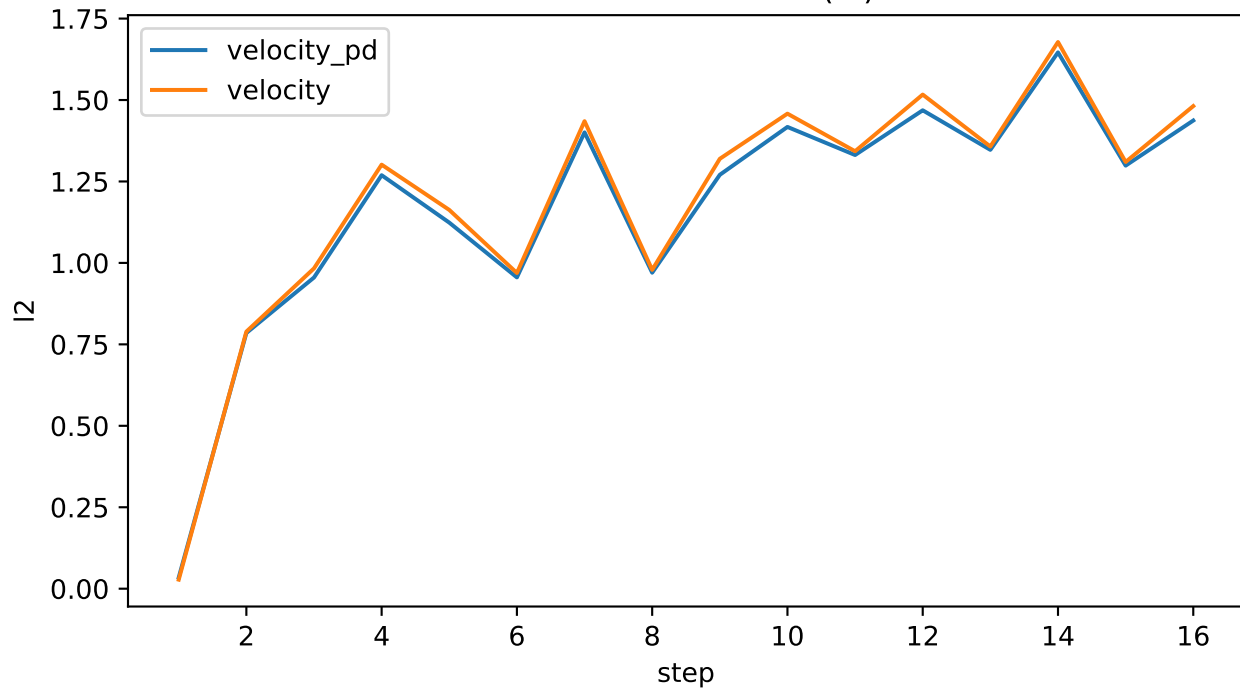


# Evaluation Report

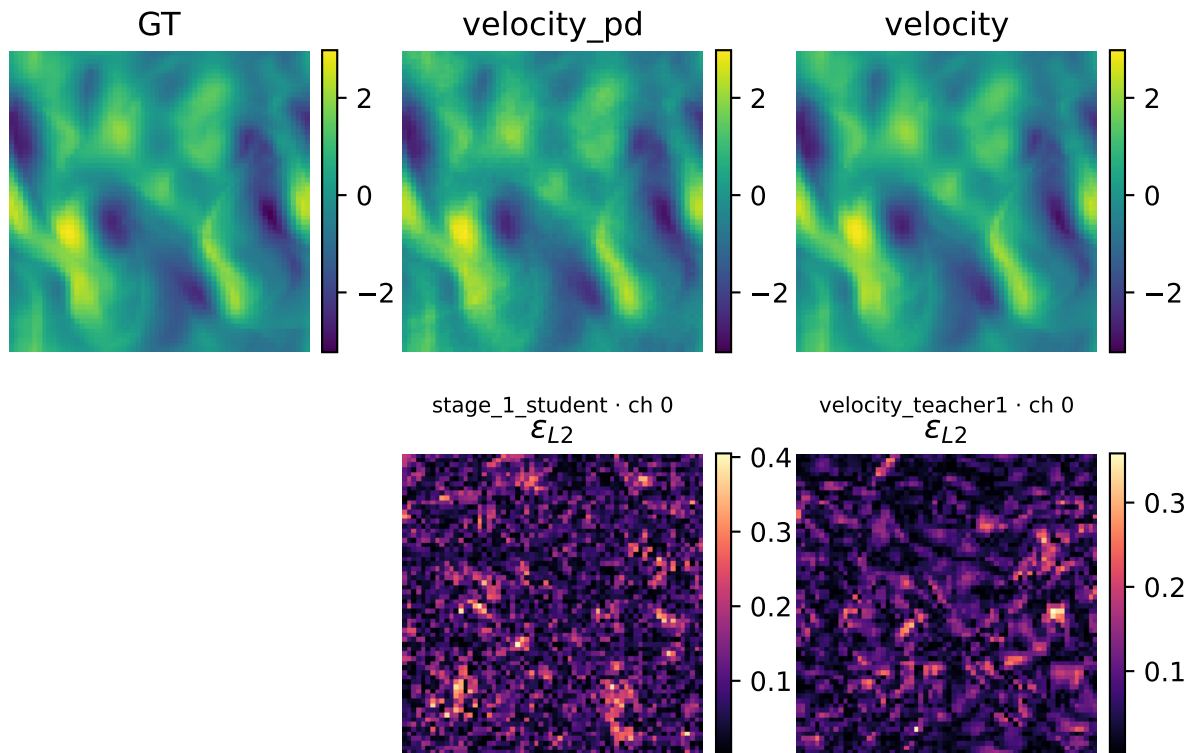
Models: velocity\_2025\_09\_11T17\_35\_36  
ns2d | 2025\_09\_11T17\_35\_36

mode	model	metric	mean	median	std	count
one_step	velocity	l2	0.02784	0.02442	0.01243	32
one_step	velocity_pd	l2	0.03442	0.03254	0.01296	32
rollout	velocity	l2	1.194	1.23	0.4509	512
rollout	velocity_pd	l2	1.169	1.188	0.4371	512

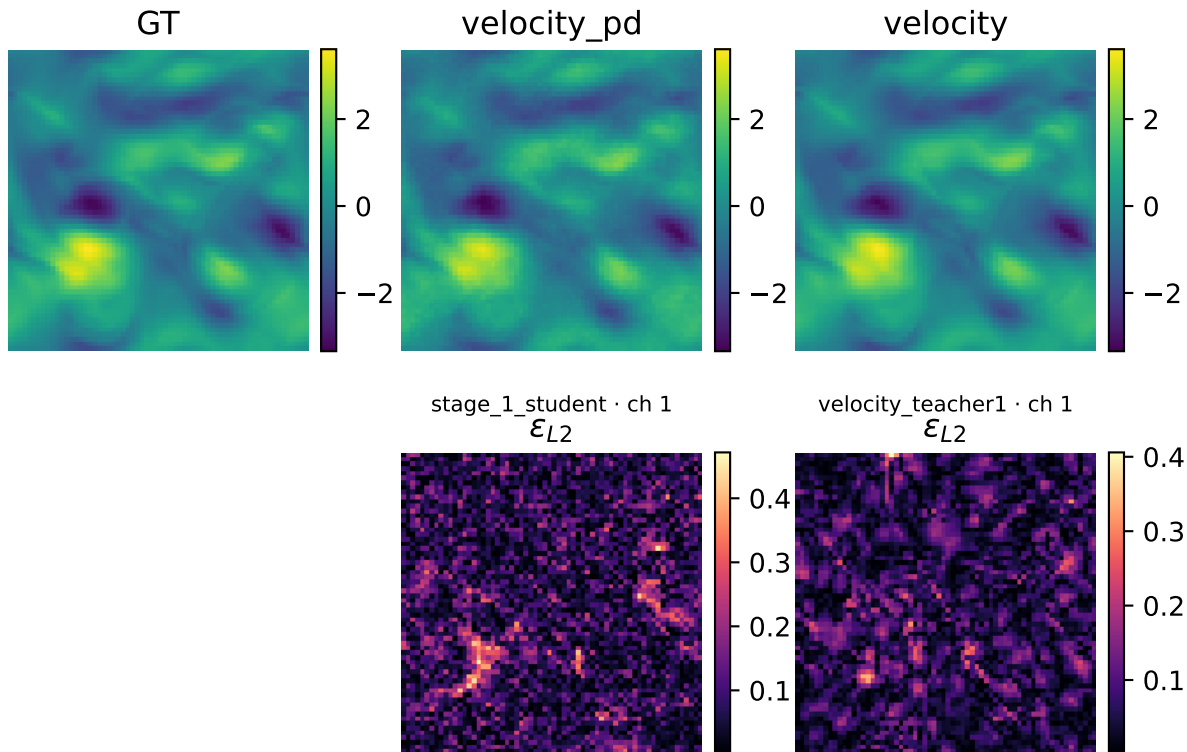
Rollout error curves (l2)



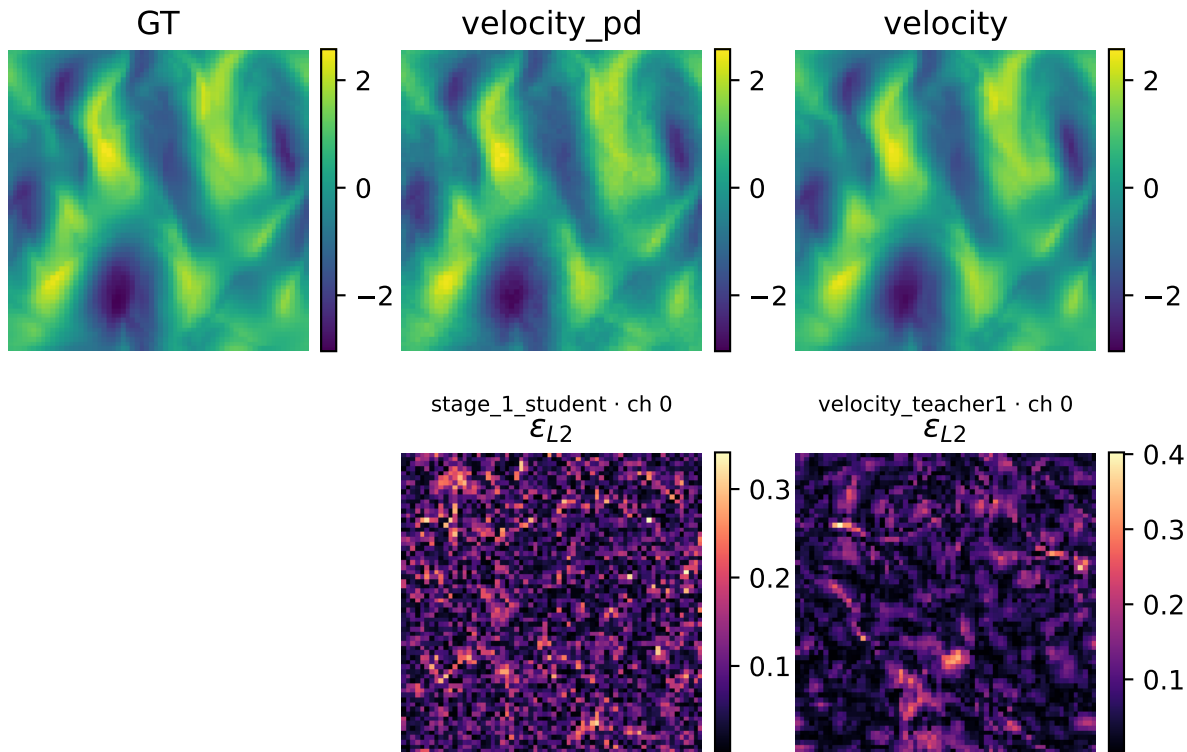
# One-Step Snapshot #0 — ch 0



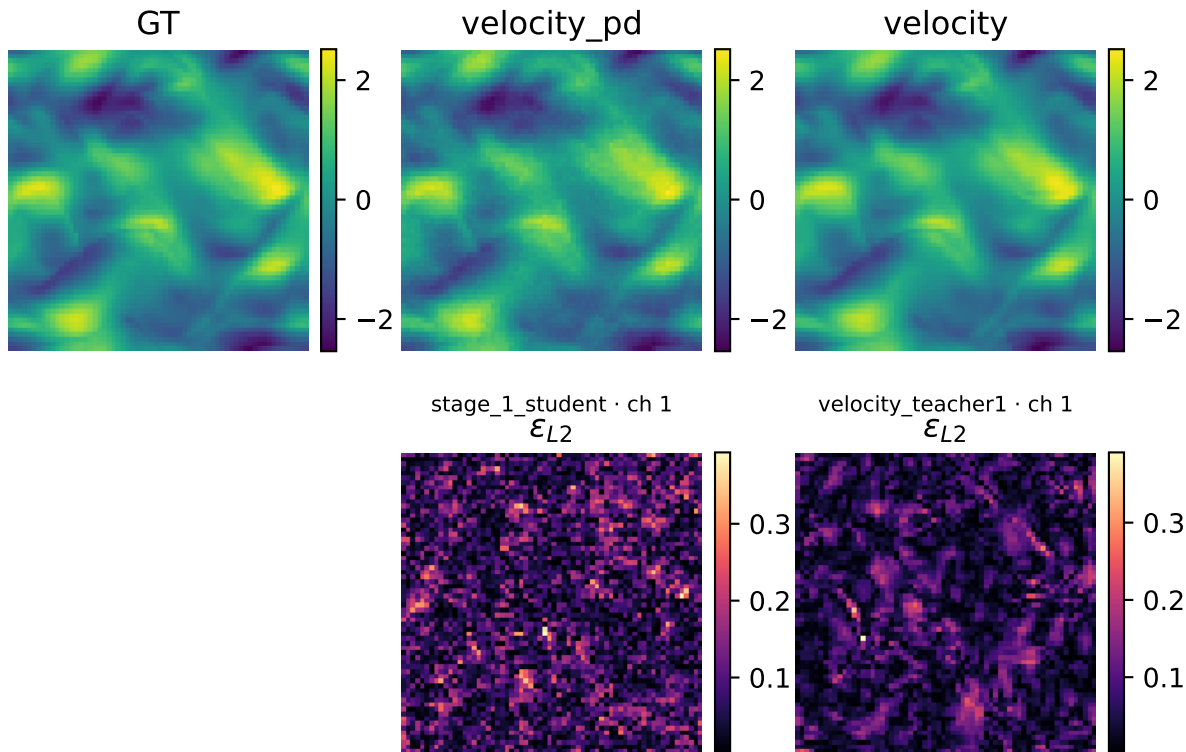
# One-Step Snapshot #0 — ch 1



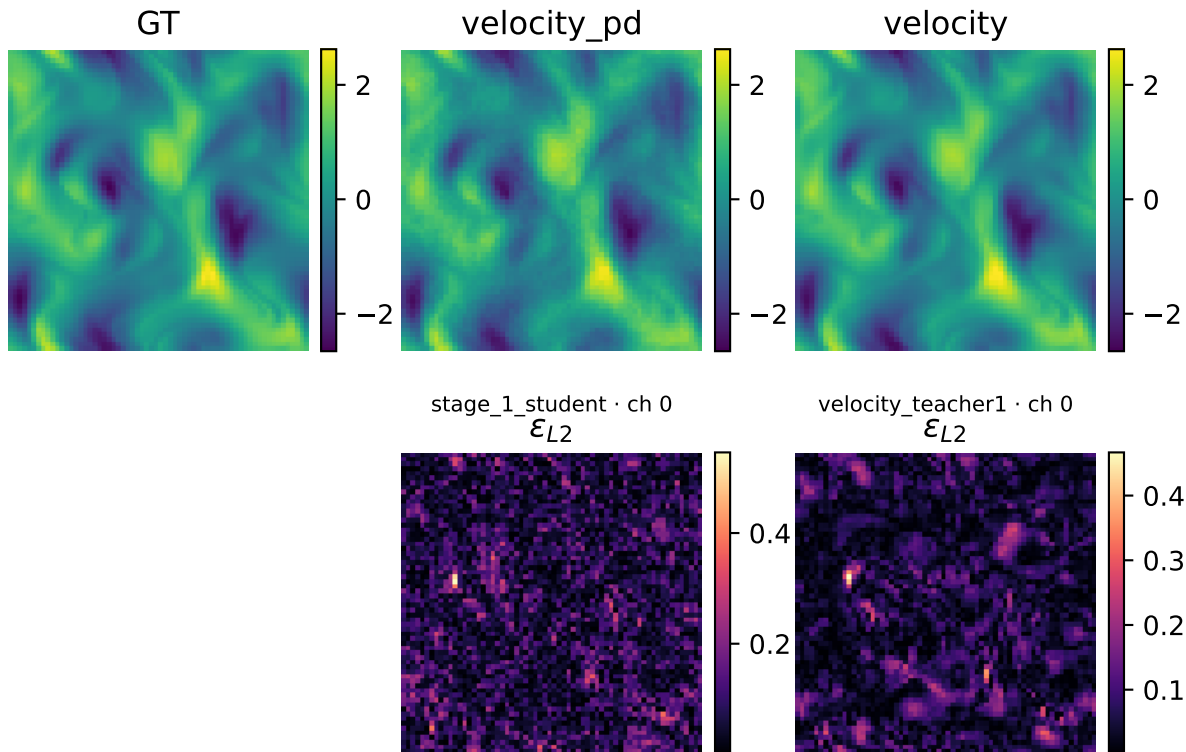
# One-Step Snapshot #1 — ch 0



# One-Step Snapshot #1 — ch 1

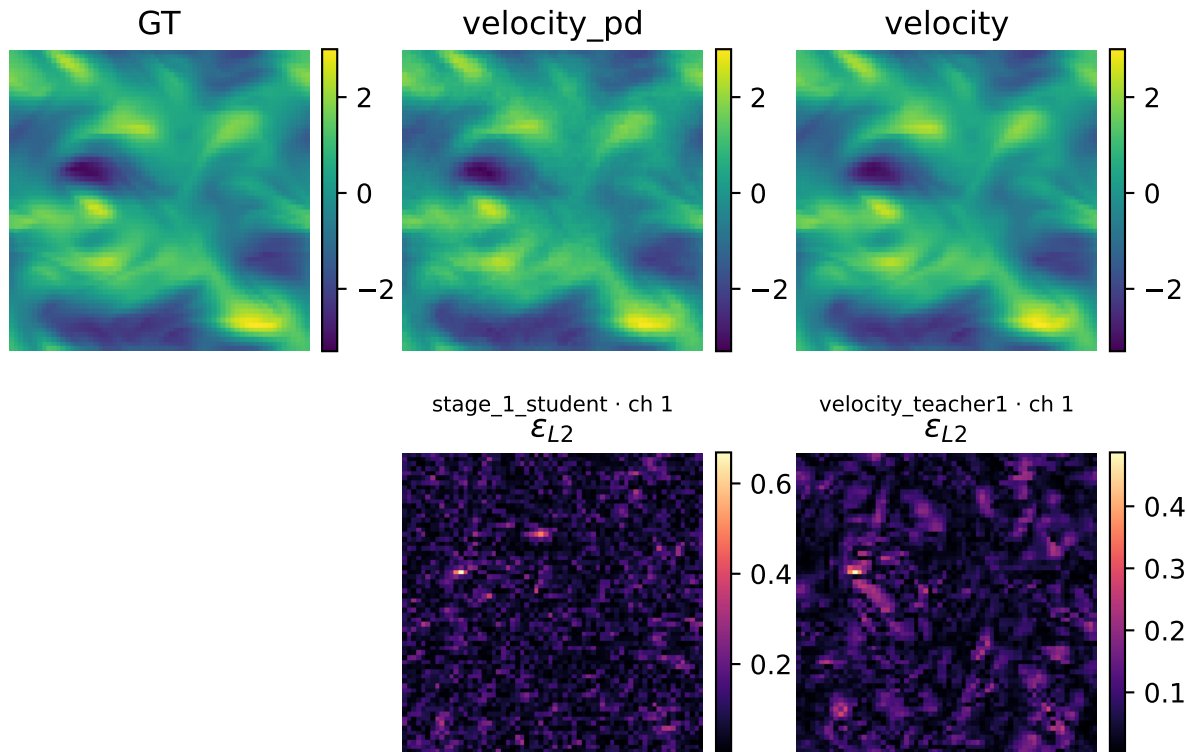


# One-Step Snapshot #2 — ch 0

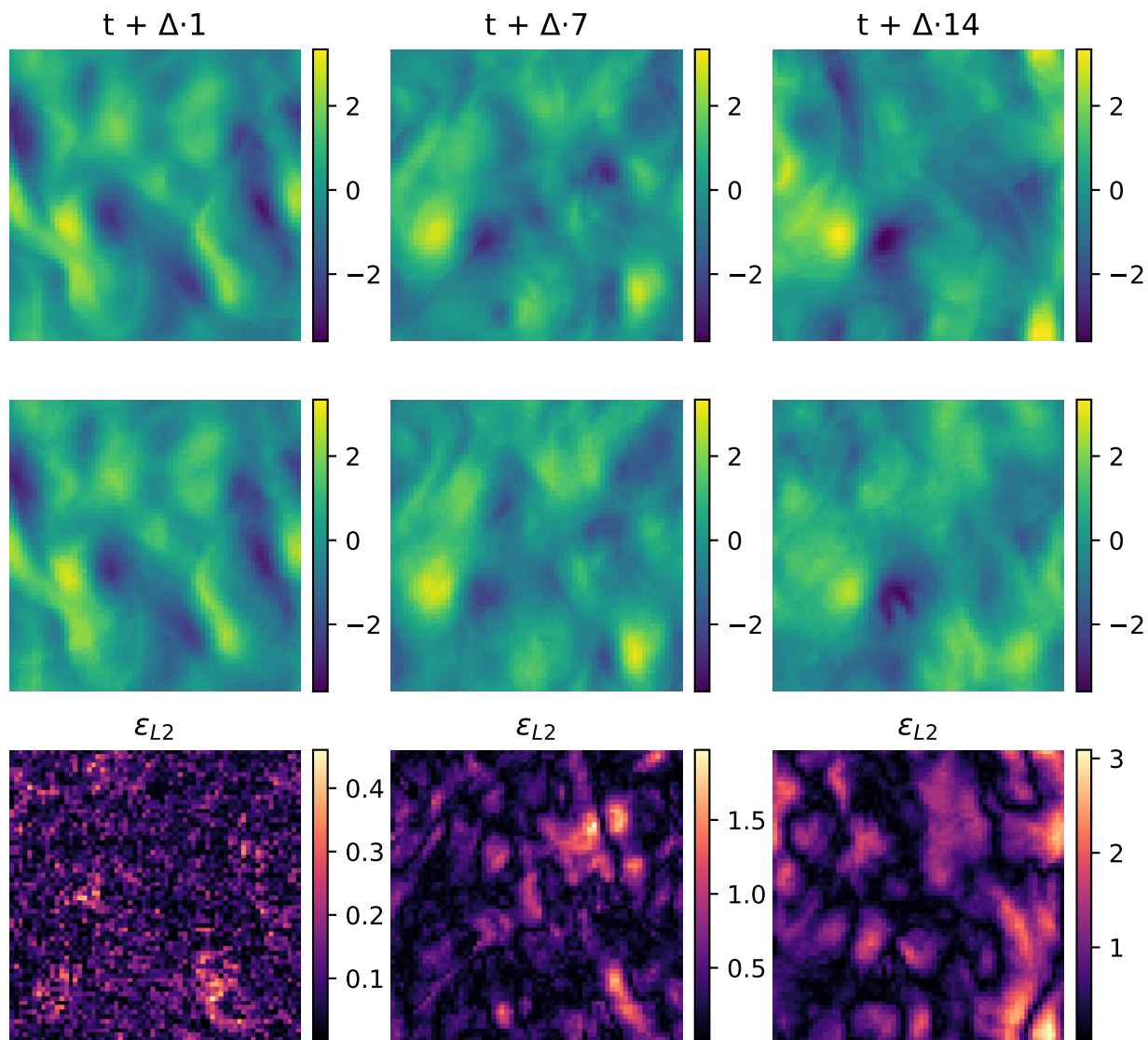




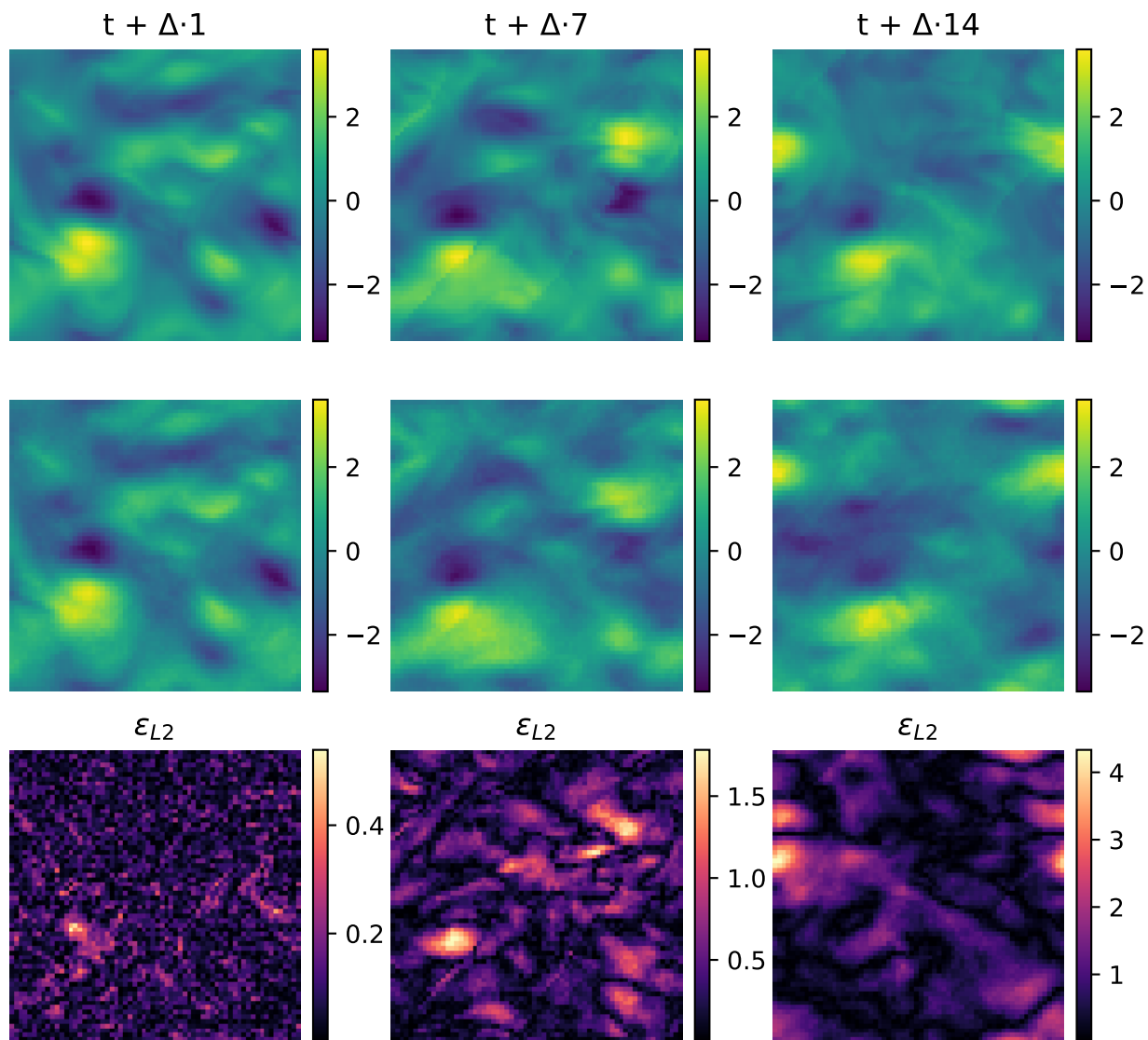
# One-Step Snapshot #2 — ch 1



Rollout Snapshot #0 — velocity\_pd — ch 0 · stage\_1\_student

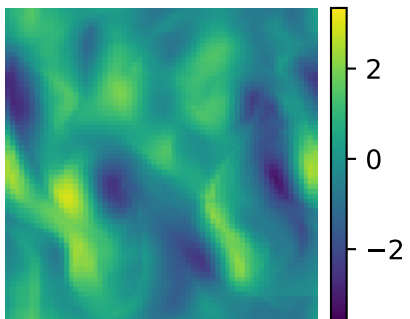


Rollout Snapshot #0 — velocity\_pd — ch 1 · stage\_1\_student

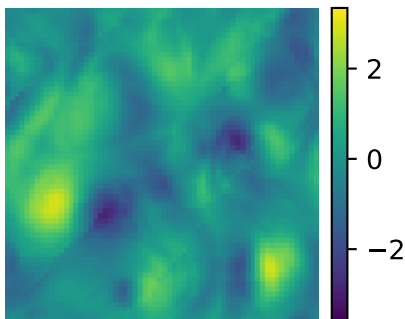


Rollout Snapshot #0 — velocity — ch 0 · velocity\_teacher1

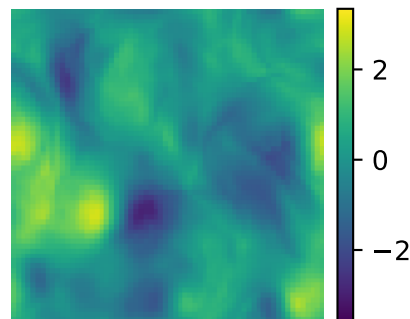
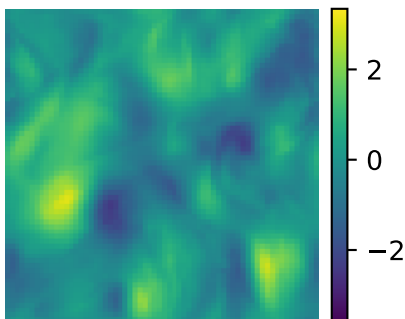
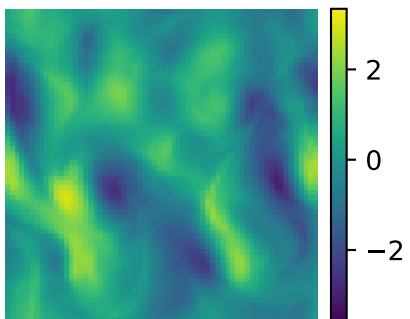
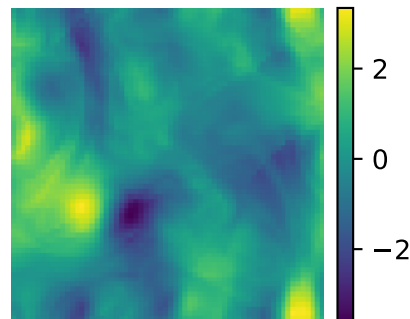
$t + \Delta \cdot 1$



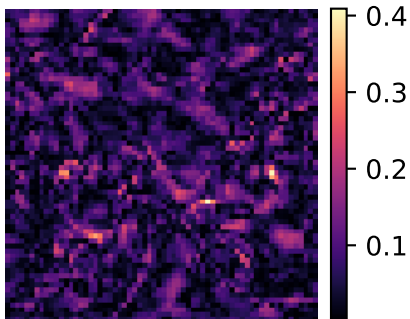
$t + \Delta \cdot 7$



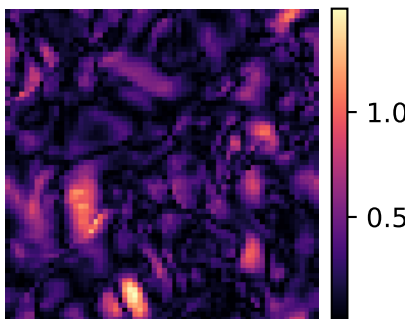
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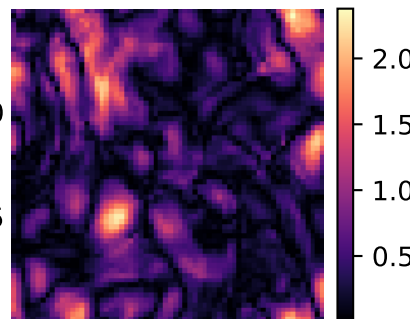
$\varepsilon_{L2}$



$\varepsilon_{L2}$

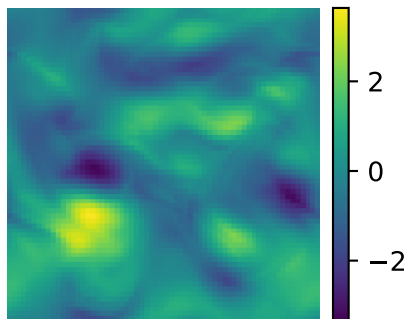


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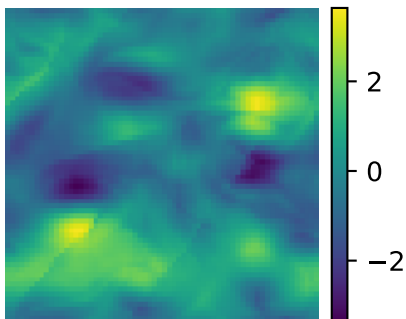


Rollout Snapshot #0 — velocity — ch 1 · velocity\_teacher1

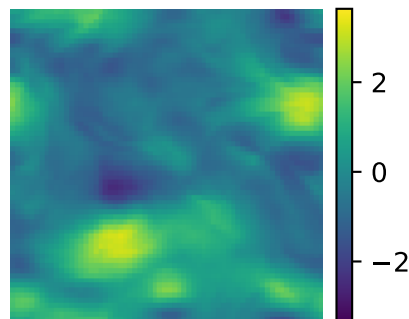
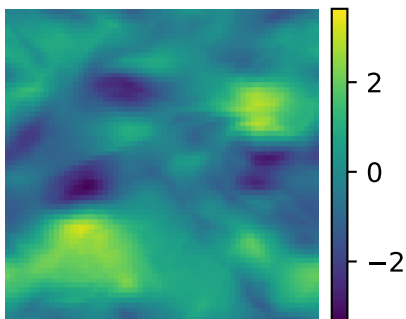
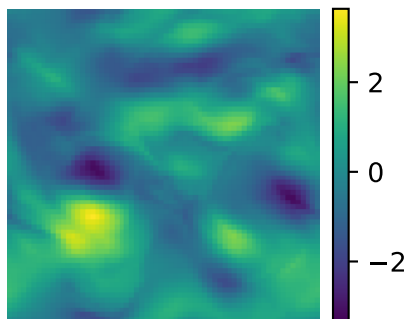
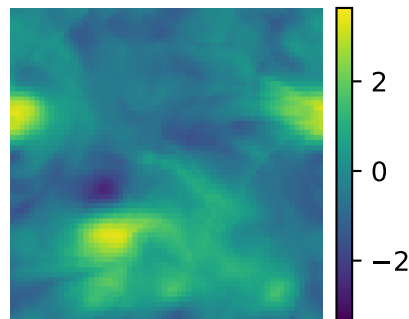
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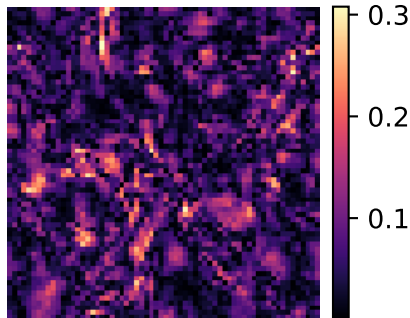
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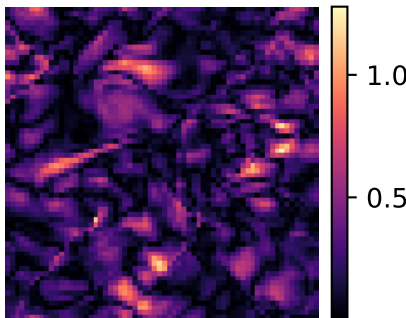
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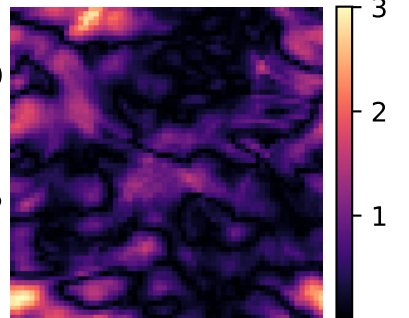
$\varepsilon_{L2}$



$\varepsilon_{L2}$

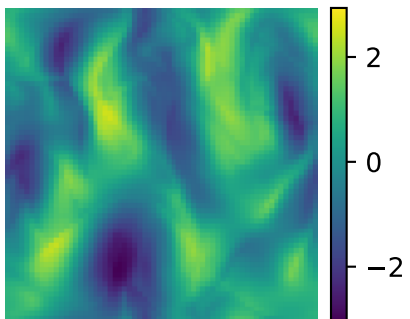


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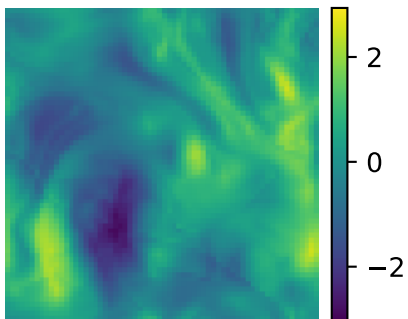


# Rollout Snapshot #1 — velocity\_pd — ch 0 · stage\_1\_student

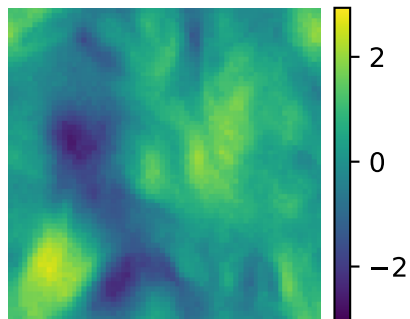
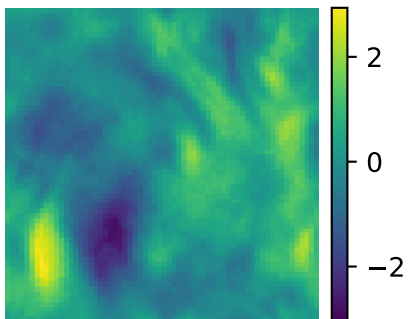
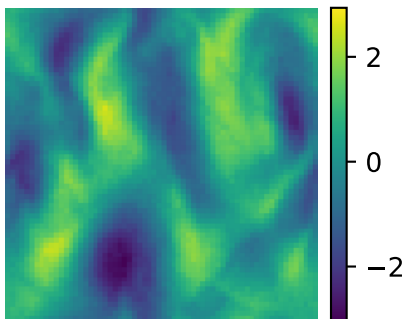
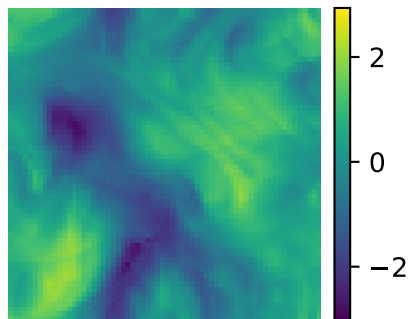
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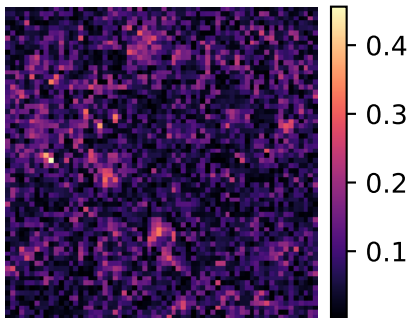
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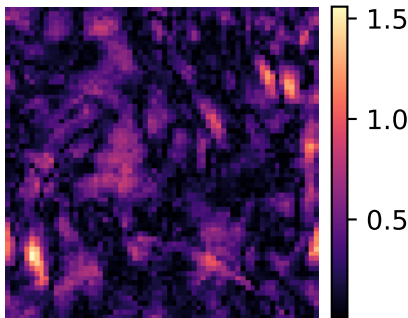
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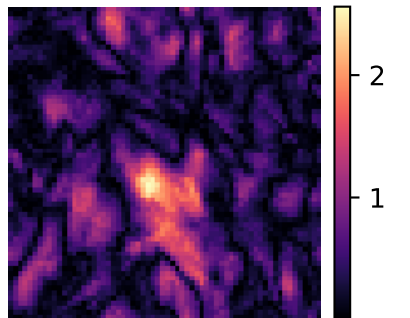
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$\varepsilon_{L2}$

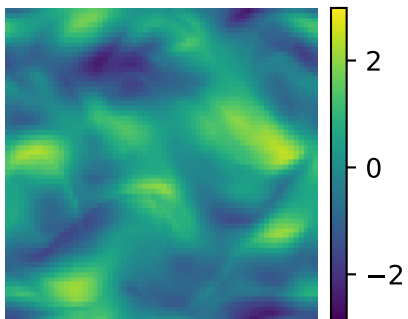


$\varepsilon_{L2}$

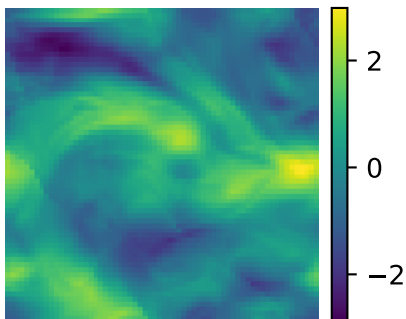


# Rollout Snapshot #1 — velocity\_pd — ch 1 · stage\_1\_student

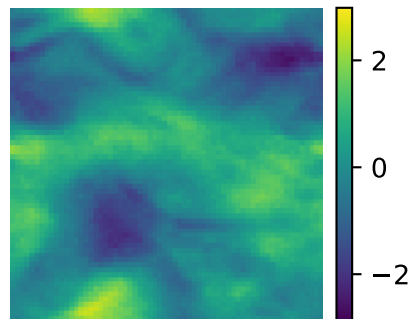
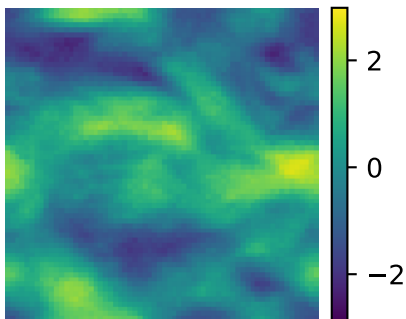
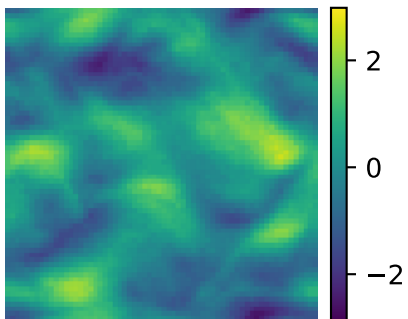
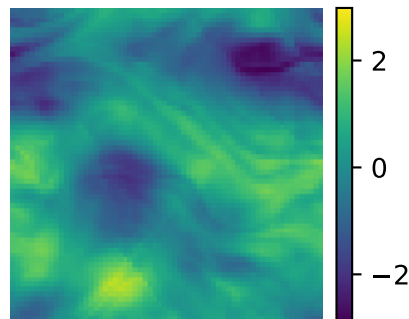
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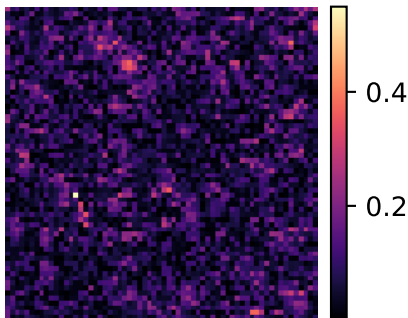
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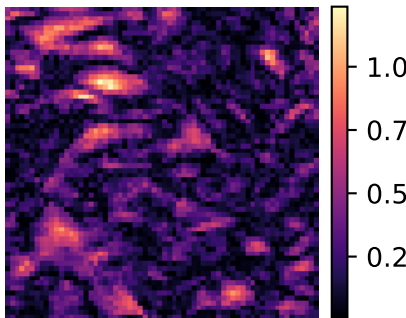
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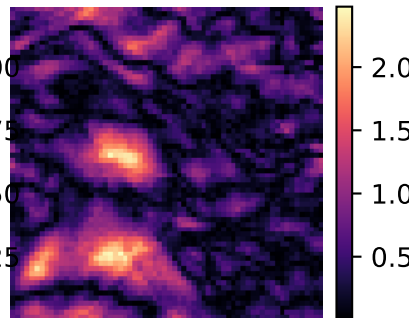
$\varepsilon_{L2}$



$\varepsilon_{L2}$

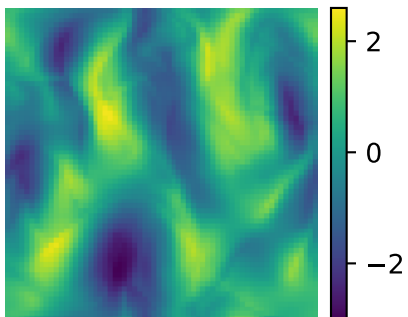


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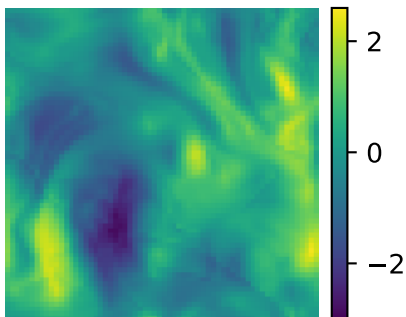


# Rollout Snapshot #1 — velocity — ch 0 · velocity\_teacher1

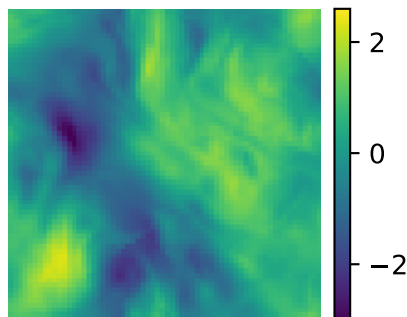
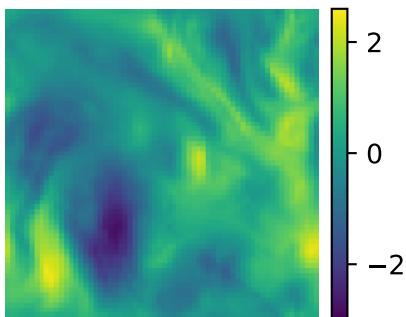
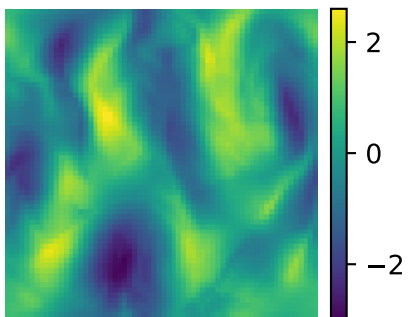
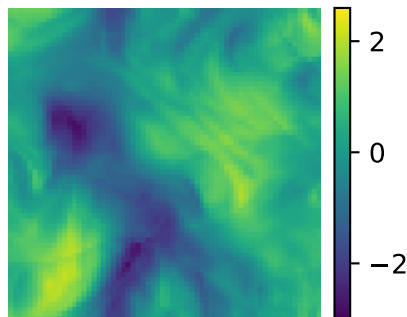
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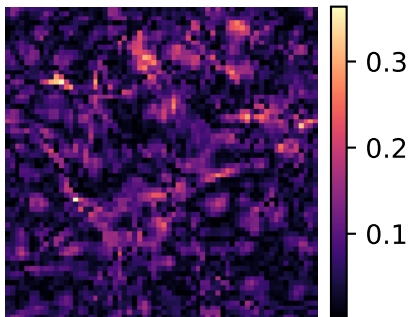
$t + \Delta \cdot 7$



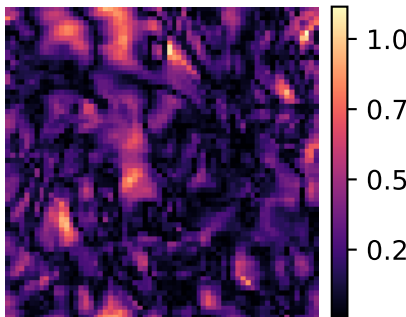
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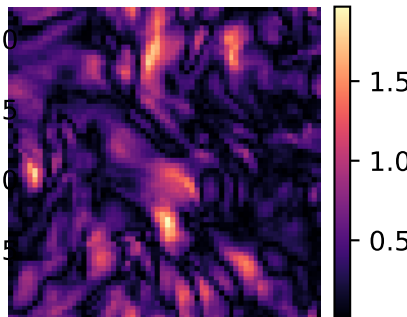
$\varepsilon_{L2}$



$\varepsilon_{L2}$



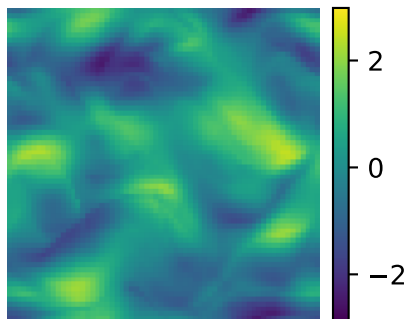
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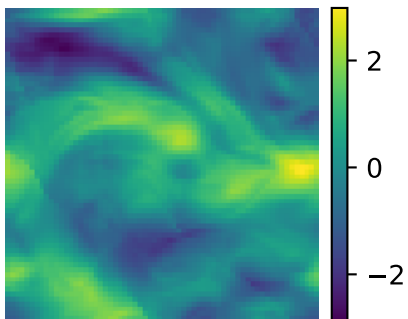


# Rollout Snapshot #1 — velocity — ch 1 · velocity\_teacher1

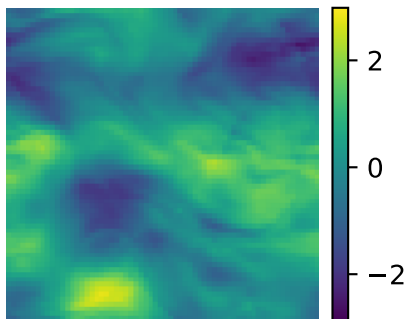
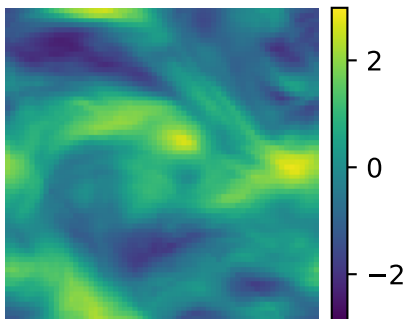
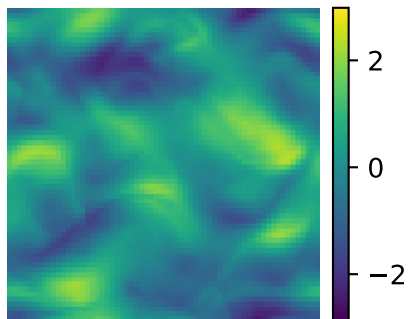
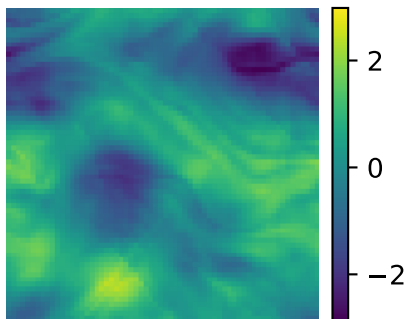
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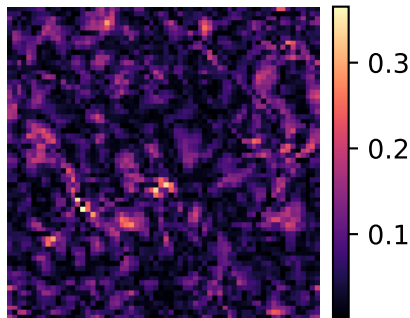
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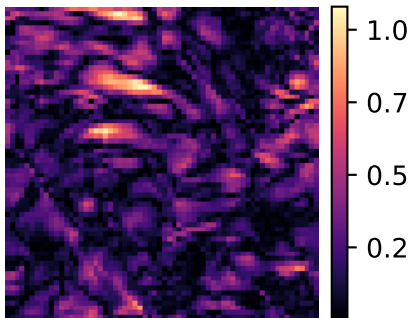
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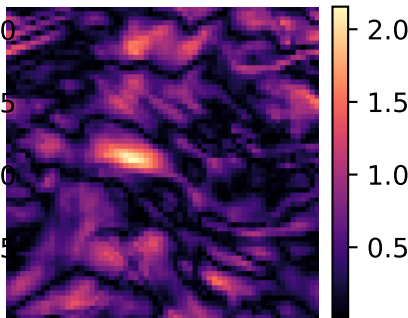
$\varepsilon_{L2}$



$\varepsilon_{L2}$

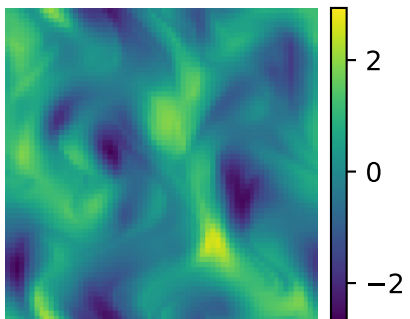


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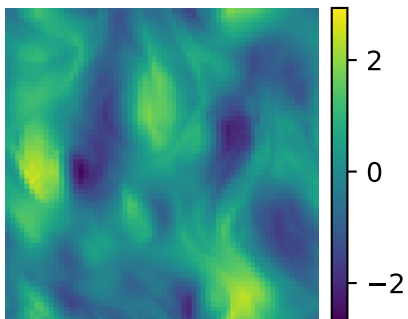


# Rollout Snapshot #2 — velocity\_pd — ch 0 · stage\_1\_student

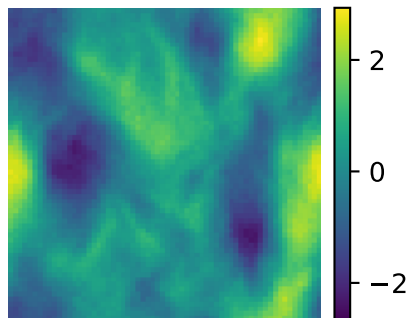
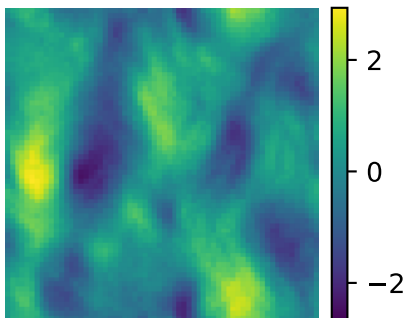
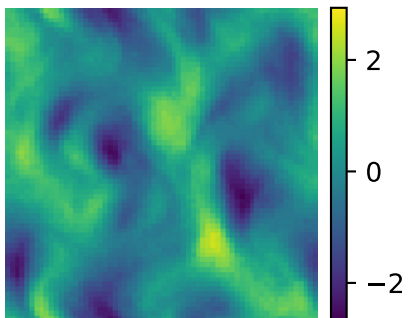
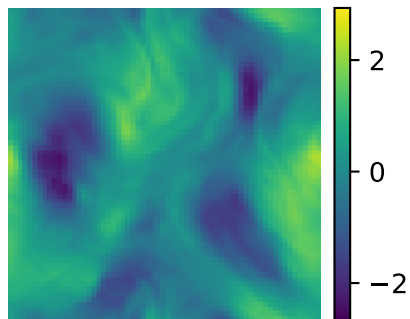
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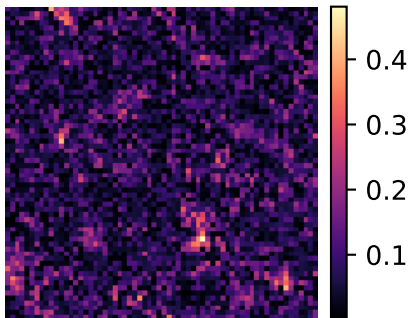
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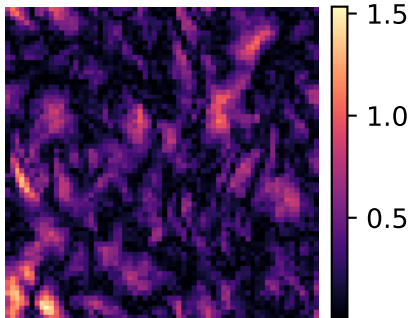
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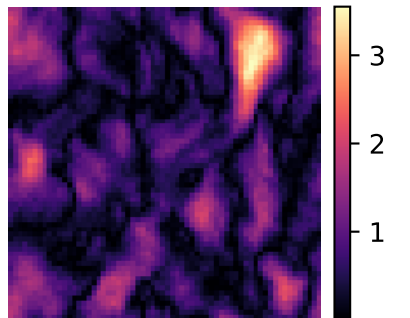
$\varepsilon_{L2}$



$\varepsilon_{L2}$

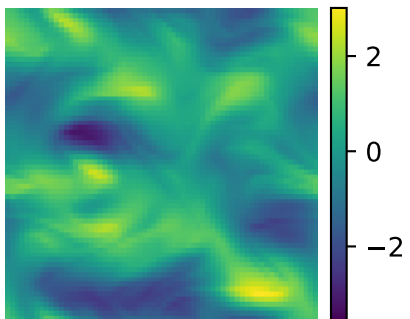


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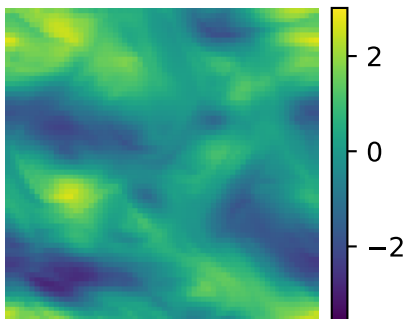


# Rollout Snapshot #2 — velocity\_pd — ch 1 · stage\_1\_student

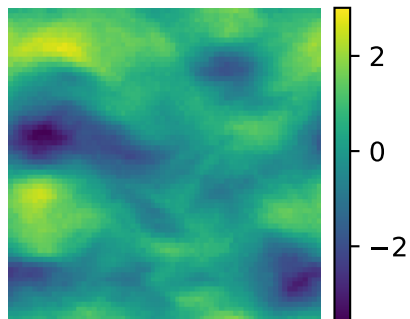
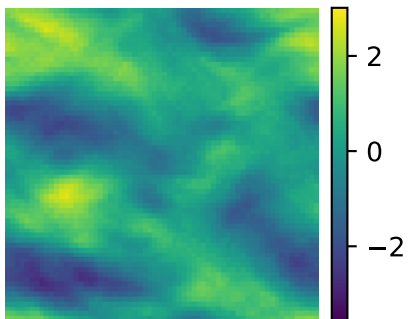
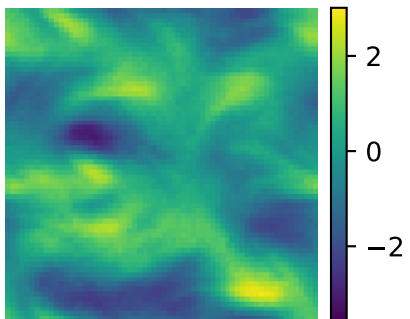
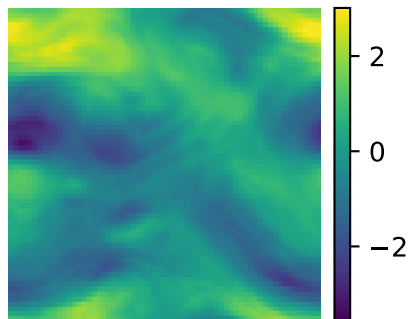
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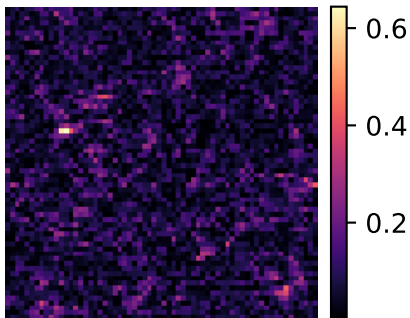
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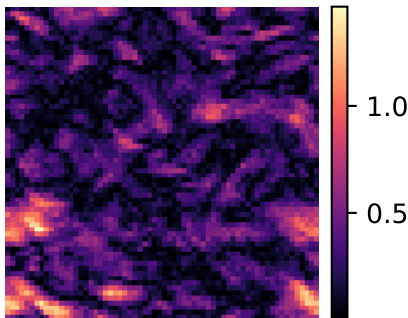
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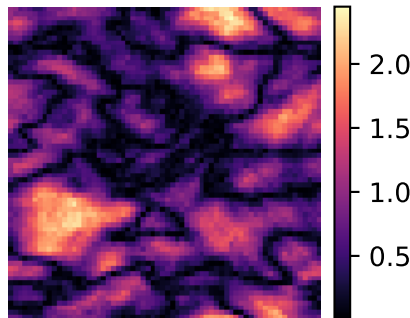
$\varepsilon_{L2}$



$\varepsilon_{L2}$

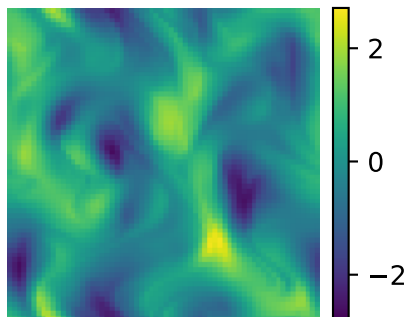


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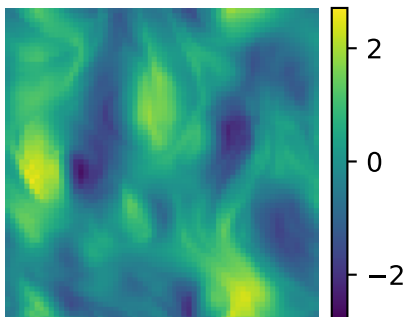


# Rollout Snapshot #2 — velocity — ch 0 · velocity\_teacher1

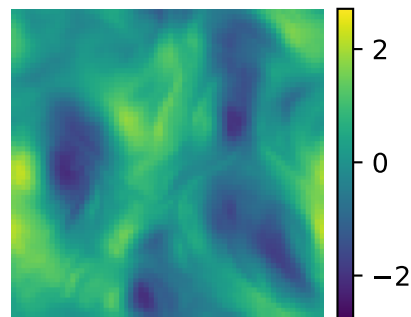
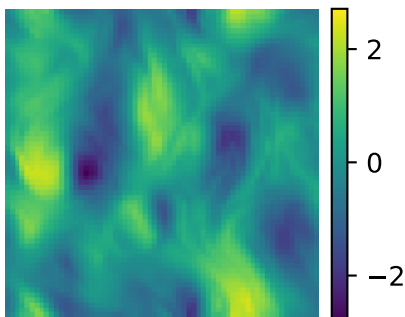
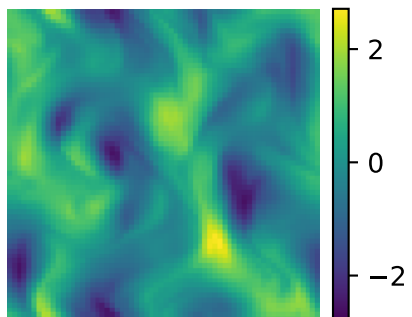
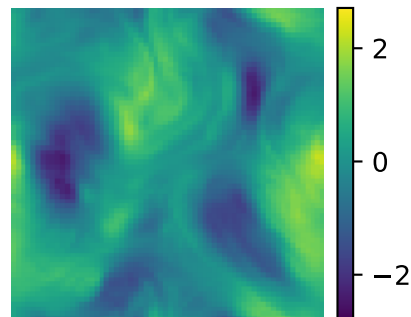
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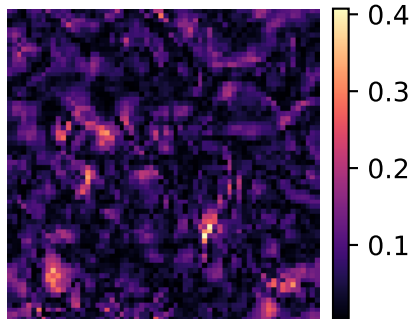
$t + \Delta \cdot 7$



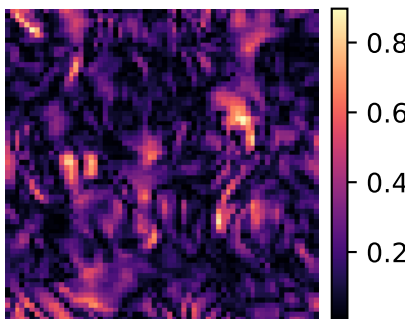
$t + \Delta \cdot 14$



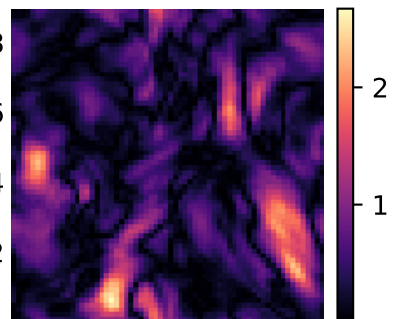
$\varepsilon_{L2}$



$\varepsilon_{L2}$

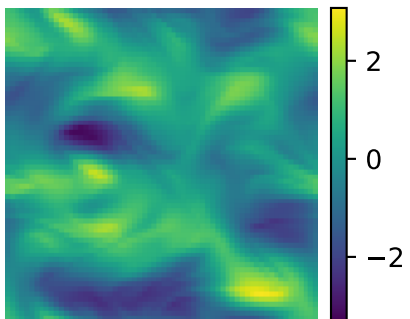


$\varepsilon_{L2}$

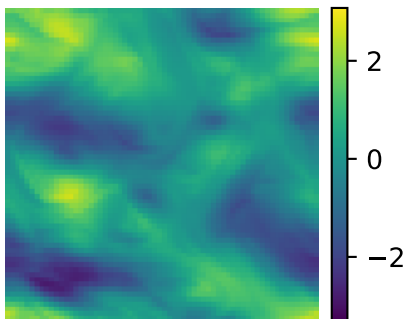


# Rollout Snapshot #2 — velocity — ch 1 · velocity\_teacher1

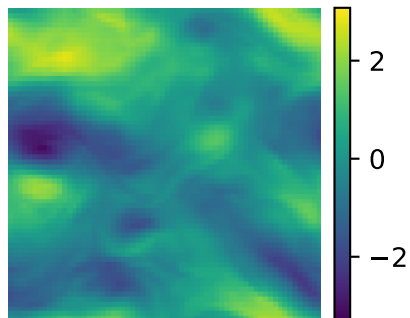
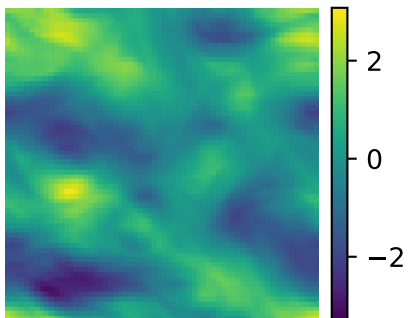
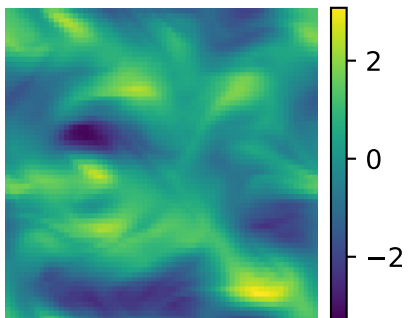
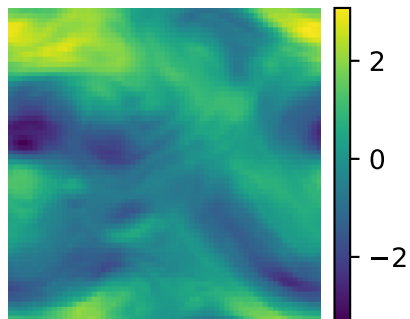
$t + \Delta \cdot 1$



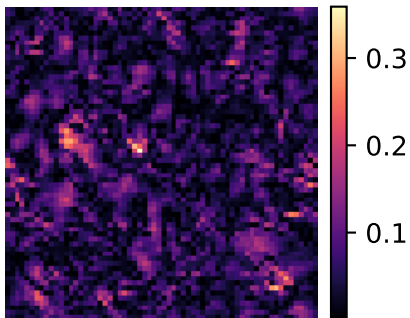
$t + \Delta \cdot 7$



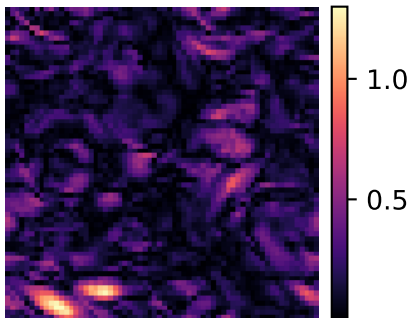
$t + \Delta \cdot 14$



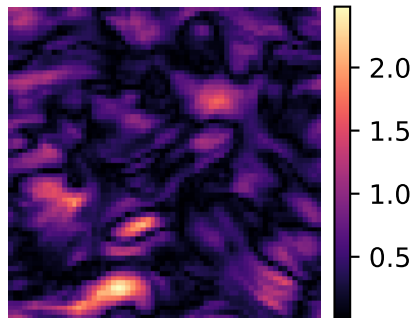
$\varepsilon_{L2}$



$\varepsilon_{L2}$



$\varepsilon_{L2}$



## Evaluation Configuration

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    "velocity"
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  "viz": {
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      1
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    "colorbar": true
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  "one_step": {
    "steps": {
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      "flow": 1,
      "velocity_pd": 25
    },
    "method": {
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      "velocity_pd": "midpoint"
    }
  },
  "rollout": {
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      "flow": 1,
      "velocity_pd": 25
    },
    "method": {
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      "velocity_pd": "midpoint"
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  },
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      "l2"
    ],
    "params": {
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        "beta": 0.0
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    }
  },
  "artifacts": {
    "pdf": {
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      "dpi": 150,
      "max_figs_per_model": 6,
      "include_rollout_curves": true
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    "save_csv": true,
    "save_json": true
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  "experiment": "ns2d"
}
```