

Table 1: **FID comparison of few-step generation with diffusion models.** Results of the base ODE solvers are reported on each top rows, highlighted in gray. **Bold** indicates the best results, and underline marks the second best.

Method	NFE=4	NFE=6	NFE=8	NFE=10	Method	NFE=4	NFE=6	NFE=8	NFE=10
CIFAR-10 $32 \times 32$ with EDM (Karras et al., 2022) (Teacher FID: 2.08)									
UniPC	50.30	19.33	9.64	6.16	iPNDM	29.53	9.84	5.30	3.75
+ DMN	26.42	8.11	4.22	2.79	+ DMN	28.29	9.33	4.82	3.52
+ GITS	24.83	11.02	6.68	5.02	+ GITS	16.20	6.80	4.07	3.30
+ LD3	<u>12.04</u>	<u>3.56</u>	<u>2.43</u>	<u>2.62</u>	+ LD3	<u>9.97</u>	<u>4.42</u>	<u>2.93</u>	<u>2.44</u>
+ BézierFlow	<b>9.55</b>	<b>3.13</b>	<b>2.40</b>	<b>2.09</b>	+ BézierFlow	<b>6.93</b>	<b>3.35</b>	<b>2.81</b>	<b>2.43</b>
FFHQ $64 \times 64$ with EDM (Karras et al., 2022) (Teacher FID: 2.86)									
UniPC	47.62	14.96	7.76	8.93	iPNDM	28.75	11.15	6.68	4.80
+ DMN	25.87	9.44	5.06	4.06	+ DMN	30.89	11.93	7.33	6.20
+ GITS	22.99	12.12	8.90	4.40	+ GITS	18.51	9.21	5.58	4.37
+ LD3	<u>22.48</u>	<b>6.16</b>	<u>4.25</u>	<b>2.92</b>	+ LD3	<u>15.55</u>	<b>5.89</b>	<b>3.74</b>	<b>3.03</b>
+ BézierFlow	<b>17.05</b>	<u>7.43</u>	<b>3.82</b>	<u>3.13</u>	+ BézierFlow	<b>15.39</b>	<u>7.84</u>	<u>5.56</u>	<u>3.75</u>
AFHQv2 $64 \times 64$ with EDM (Karras et al., 2022) (Teacher FID: 2.04)									
UniPC	23.59	10.15	7.76	6.38	iPNDM	15.14	6.12	3.80	3.01
+ DMN	30.39	14.40	3.98	3.69	+ DMN	33.21	15.95	5.99	5.29
+ GITS	<u>13.20</u>	7.50	3.89	3.94	+ GITS	14.31	5.81	3.88	3.57
+ LD3	<u>18.17</u>	<u>4.95</u>	<b>2.68</b>	<u>3.02</u>	+ LD3	<b>11.85</b>	<b>3.11</b>	<b>2.45</b>	<u>2.18</u>
+ BézierFlow	<b>12.27</b>	<b>4.46</b>	<u>2.75</u>	<b>2.67</b>	+ BézierFlow	<u>14.44</u>	<u>4.69</u>	<u>2.63</u>	<b>2.16</b>