# cora

trainable attention hidden+trainable attention out

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| --- | --- | --- | --- | --- | --- |
| **epochs** | **lr** | **dropout** | **hidden** | **train\_acc** | **test\_acc** |
| 200 | 0.01 | 0.6 | 8 | 8809 | 8817 |
| 300 | 0.01 | 0.6 | 8 | 8707 | 8799 |
| 500 | 0.01 | 0.6 | 8 | 7416 | 8854 |
| 500 | 0.01 | 0.6 | 8 | 7128 | 8780 |
| 1000(565) | 0.01 | 0.6 | 8 | 7330 | 8854 |
| 1000 | 0.001 | 0.6 | 8 | 7457 | 8891 |
| 2000 | 0.001 | 0.6 | 8 | 7768 | 8854 |
| 1000 | 0.001 | 0.3 | 8 | 8633 | 8762 |
| 2000 | 0.001 | 0.3 | 8 | 8870 | 8706 |

entropy attention hidden+trainable attention out

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| **epochs** | **lr** | **dropout** | **hidden** | **train\_acc** | **test\_acc** |
| 200 | 0.01 | 0.6 | 8 | 5709 | 7172 |
| 300 | 0.01 | 0.6 | 8 | 5836 | 7209 |
| 500 | 0.01 | 0.6 | 8 | 8738 | 7301 |
| 500 | 0.01 | 0.8 | 8 | 3241 | 6285 |
| 500 | 0.01 | 0.7 | 8 | 4614 | 7116 |
| 500 | 0.01 | 0.5 | 8 | 6465 | 7209 |
| 500 | 0.01 | 0.4 | 8 | 7215 | 7320 |
| 500 | 0.01 | 0.3 | 8 | 7238 | 7264 |
| 500 | 0.01 | 0.2 | 8 | 7589 | 7246 |
| 500 | 0.01 | 0.1 | 8 | 7843 | 7227 |
| 500 | 0.01 | 0 | 8 | 8299 | 7153 |

one gnn

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| **epochs** | **lr** | **dropout** | **hidden** | **train\_acc** | **test\_acc** |
| 300 | 0.01 | 0.6 | 0 | 8005 | 8262 |
| 500 | 0.01 | 0.6 | 0 | 7918 | 8244 |
| 300 | 0.01 | 0.7 | 0 | 7809 | 8244 |
| 300 | 0.01 | 0.8 | 0 | 7318 | 8207 |
| 300 | 0.01 | 0.9 | 0 | 6205 | 8189 |
| 300 | 0.01 | 0.5 | 0 | 8304 | 8207 |
| 300 | 0.01 | 0.4 | 0 | 8391 | 8207 |
| 300 | 0.01 | 0.3 | 0 | 8466 | 8207 |
| 300 | 0.01 | 0.2 | 0 | 8547 | 8189 |

entropy attention hidden+cov out

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| **epochs** | **lr** | **dropout** | **hidden** | **train\_acc** | **test\_acc** |
| 300 | 0.01 | 0.6 | 8 |  |  |
| 500 | 0.01 | 0.6 | 8 |  |  |
| 500 | 0.01 | 0.8 | 8 |  |  |
| 500 | 0.01 | 0.7 | 8 |  |  |
| 500 | 0.01 | 0.5 | 8 |  |  |
|  |  |  |  |  |  |