

#Clusters	Criterion	Base Methods		Locality Based		Sparsity Based		
		Kmeans	NCUT	LLC	LSGC+LLC	SP	RSP	LSGC+SP
2	NMI	<u>80.79</u>	<u>77.85</u>	81.04	98.48	74.05	76.77	<u>98.42</u>
	AC	<u>93.76</u>	<u>92.46</u>	93.46	99.40	89.83	91.92	<u>99.36</u>
4	NMI	<u>76.60</u>	<u>88.36</u>	82.24	98.09	77.54	78.70	<u>93.73</u>
	AC	<u>82.50</u>	<u>90.65</u>	86.99	98.49	81.24	83.98	<u>93.78</u>
6	NMI	<u>76.29</u>	<u>85.88</u>	78.93	97.75	76.97	79.60	<u>90.28</u>
	AC	<u>76.32</u>	<u>83.53</u>	78.58	97.21	74.40	78.80	<u>84.72</u>
8	NMI	<u>76.23</u>	<u>87.46</u>	74.40	95.32	73.06	79.03	<u>88.18</u>
	AC	<u>73.28</u>	<u>83.57</u>	71.20	92.28	66.97	76.12	<u>79.72</u>
10	NMI	<u>78.08</u>	<u>83.19</u>	76.07	94.74	73.11	78.57	<u>88.24</u>
	AC	<u>73.74</u>	<u>77.13</u>	69.36	89.21	65.25	73.79	<u>77.67</u>
12	NMI	<u>79.45</u>	<u>80.33</u>	75.67	93.35	73.75	76.35	<u>87.24</u>
	AC	<u>72.64</u>	<u>73.07</u>	68.08	86.14	64.63	69.15	<u>76.01</u>
14	NMI	<u>76.20</u>	<u>81.47</u>	75.55	93.21	74.96	77.56	<u>87.60</u>
	AC	<u>68.59</u>	<u>73.03</u>	65.83	85.60	64.95	68.71	<u>74.54</u>
16	NMI	<u>77.41</u>	<u>77.81</u>	75.72	93.21	73.46	76.62	<u>85.79</u>
	AC	<u>68.84</u>	<u>65.99</u>	64.97	84.77	62.37	66.56	<u>71.38</u>
18	NMI	<u>76.69</u>	<u>77.76</u>	74.76	91.38	74.18	76.91	<u>85.26</u>
	AC	<u>65.53</u>	<u>65.14</u>	63.18	80.97	62.46	66.00	<u>69.48</u>
20	NMI	<u>77.10</u>	<u>79.87</u>	74.63	91.86	73.42	76.55	<u>84.95</u>
	AC	<u>65.35</u>	<u>65.91</u>	62.46	81.85	60.65	64.57	<u>68.14</u>
Avg	NMI	<u>77.48</u>	<u>82.00</u>	76.90	94.74	74.45	77.67	<u>88.97</u>
	AC	<u>74.06</u>	<u>77.05</u>	72.41	89.59	69.28	73.96	<u>79.48</u>