

|                 | excluding singletons |               |         |  |              | with singletons |                      |
|-----------------|----------------------|---------------|---------|--|--------------|-----------------|----------------------|
| system          | head-match           | partial-match |         |  | exact-match  | head-match      |                      |
| CorPipeEnsemble | <b>77.58</b>         | <b>76.91</b>  | (-0.67) |  | <b>74.67</b> | (-2.91)         | <b>79.50</b> (+1.92) |
| CorPipeXXL      | 76.77                | 76.00         | (-0.78) |  | 73.74        | (-3.03)         | 78.73 (+1.96)        |
| LLM-LatticeNLP  | 75.70                | 75.70         | (-0.00) |  | 41.72        | (-33.97)        | 76.90 (+1.21)        |
| LLM-UWB         | 74.45                | 74.45         | (-0.00) |  | 40.43        | (-34.02)        | 76.13 (+1.68)        |
| CorPipeLarge    | 72.81                | 71.71         | (-1.10) |  | 69.35        | (-3.46)         | 74.89 (+2.08)        |
| LLM-PortNLP     | 69.31                | 68.28         | (-1.03) |  | 65.85        | (-3.46)         | 71.58 (+2.27)        |
| DaggerCoref     | 67.87                | 67.87         | (+0.00) |  | 37.34        | (-30.53)        | 59.22 (-8.65)        |
| Stanza          | 67.85                | 66.72         | (-1.13) |  | 64.03        | (-3.82)         | 69.51 (+1.66)        |
| BASELINE-GZ     | 56.20                | 55.98         | (-0.22) |  | 54.74        | (-1.46)         | 48.94 (-7.26)        |
| BASELINE        | 55.09                | 54.85         | (-0.25) |  | 53.55        | (-1.54)         | 47.87 (-7.22)        |
| LLM-Landcore    | 46.95                | 45.82         | (-1.13) |  | 41.65        | (-5.30)         | 49.29 (+2.35)        |
| AUKBC-MULCRF    | 35.47                | 35.44         | (-0.03) |  | 20.59        | (-14.88)        | 33.33 (-2.14)        |

| system          | MUC                               | B <sup>3</sup>             | CEAF-e                     | BLANC                      | LEA                        | MOR                        | MD-h                       |
|-----------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| CorPipeEnsemble | <b>83</b> / <b>85</b> / <b>84</b> | 74 / <b>79</b> / <b>76</b> | <b>74</b> / 72 / <b>73</b> | 74 / <b>79</b> / <b>76</b> | 72 / <b>77</b> / <b>74</b> | <b>81</b> / 86 / <b>83</b> | <b>87</b> / 88 / <b>88</b> |
| CorPipeXXL      | 83 / 84 / 83                      | 74 / 77 / 75               | 73 / 72 / 72               | 74 / 77 / 75               | 72 / 74 / 73               | 81 / 85 / 82               | 87 / 87 / 87               |
| LLM-LatticeNLP  | 81 / 83 / 82                      | <b>74</b> / 76 / 75        | 68 / <b>73</b> / 70        | <b>75</b> / 76 / 75        | <b>72</b> / 73 / 73        | 42 / <b>88</b> / 56        | 84 / 87 / 85               |
| LLM-UWB         | 81 / 83 / 82                      | 71 / 74 / 73               | 68 / 72 / 69               | 72 / 75 / 73               | 69 / 72 / 70               | 41 / 85 / 54               | 82 / 84 / 83               |
| CorPipeLarge    | 81 / 80 / 80                      | 69 / 72 / 70               | 69 / 67 / 68               | 70 / 73 / 71               | 66 / 69 / 67               | 80 / 81 / 80               | 86 / 85 / 86               |
| LLM-PortNLP     | 75 / 82 / 78                      | 64 / 72 / 67               | 59 / 69 / 62               | 64 / 73 / 67               | 61 / 69 / 65               | 69 / 84 / 75               | 75 / 84 / 79               |
| DaggerCoref     | 74 / 81 / 77                      | 60 / 71 / 65               | 59 / 65 / 62               | 61 / 71 / 65               | 57 / 68 / 62               | 38 / 84 / 51               | 76 / 82 / 79               |
| Stanza          | 74 / 80 / 77                      | 62 / 69 / 65               | 62 / 62 / 62               | 63 / 69 / 65               | 60 / 66 / 62               | 72 / 82 / 76               | 80 / 85 / 82               |
| BASELINE-GZ     | 61 / 77 / 67                      | 46 / 63 / 52               | 46 / 56 / 50               | 47 / 65 / 52               | 43 / 58 / 48               | 54 / 88 / 65               | 69 / <b>89</b> / 76        |
| BASELINE        | 60 / 75 / 66                      | 45 / 62 / 51               | 45 / 55 / 49               | 46 / 63 / 51               | 42 / 57 / 47               | 54 / 86 / 64               | 68 / 87 / 75               |
| LLM-Landcore    | 48 / 66 / 55                      | 36 / 57 / 43               | 39 / 51 / 43               | 32 / 56 / 38               | 33 / 53 / 39               | 50 / 73 / 57               | 55 / 75 / 62               |
| AUKBC-MULCRF    | 47 / 44 / 45                      | 30 / 35 / 31               | 36 / 28 / 31               | 31 / 31 / 28               | 24 / 31 / 26               | 35 / 61 / 42               | 63 / 57 / 59               |

| system          | ca_ancora   | cs_pcedt    | cs_pdt      | cs_pdtsc    | cu_proiel   | de_potsdam  | en_fantasycoref | en_gum      | en_litbank  | es_ancora   | fr_ancor    | fr_democrat | fr_litbankfr | grc_proiel  | hbo_ptnk    | hi_hdtb     | hu_korkor   | hu_szeged   | ko_ecmt     | la_coreflat | lt_lcc      | nl_openboek | no_bokmaalnarc | no_nynorskncrc | pl_pcc      | ru_rucor    | tr_itcc     |
|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|----------------|-------------|-------------|-------------|
| CorPipeEnsemble | <b>85.5</b> | <b>79.6</b> | <b>82.0</b> | <b>76.6</b> | <b>67.9</b> | 81.0        | 82.8            | <b>79.2</b> | 83.2        | <b>85.2</b> | <b>80.9</b> | <b>76.1</b> | 79.7         | <b>80.6</b> | 73.2        | <b>81.7</b> | 67.8        | <b>73.0</b> | <b>70.5</b> | 60.2        | 80.5        | 74.5        | 81.1           | 80.5           | <b>81.2</b> | <b>81.6</b> | <b>68.4</b> |
| CorPipeXXL      | 84.6        | 78.9        | 81.6        | 76.1        | 66.7        | 77.9        | 81.6            | 78.6        | 83.8        | 84.6        | 79.0        | 75.2        | 79.3         | 80.3        | 71.7        | 81.5        | <b>68.5</b> | 72.3        | 69.9        | 58.5        | 79.3        | 75.0        | 81.2           | 79.2           | 80.5        | 80.8        | 66.4        |
| LLM-LatticeNLP  | 78.7        | 74.7        | 77.2        | 70.7        | 60.7        | 81.7        | <b>84.5</b>     | 78.6        | <b>85.2</b> | 78.7        | 80.7        | 76.1        | <b>80.3</b>  | 75.8        | <b>76.6</b> | 80.4        | 66.7        | 67.7        | 65.1        | 60.8        | 78.1        | <b>77.2</b> | 80.8           | 83.4           | 78.5        | 77.3        | 67.6        |
| LLM-UWB         | 83.4        | 75.6        | 78.9        | 73.5        | 57.3        | <b>82.1</b> | 82.8            | 79.2        | 84.1        | 82.6        | 77.7        | 70.3        | 62.9         | 75.0        | 71.0        | 81.2        | 68.2        | 71.9        | 63.8        | 58.1        | <b>81.1</b> | 67.5        | <b>81.7</b>    | <b>84.4</b>    | 78.3        | 78.4        | 59.4        |
| CorPipeLarge    | 82.0        | 74.2        | 77.3        | 72.2        | 57.2        | 76.5        | 76.8            | 75.1        | 76.1        | 81.9        | 74.3        | 70.4        | 71.8         | 68.3        | 66.3        | 79.3        | 67.8        | 71.2        | 66.7        | 59.3        | 80.2        | 67.4        | 78.3           | 78.7           | 77.3        | 77.8        | 61.6        |
| LLM-PortNLP     | 74.2        | 70.1        | 71.2        | 70.1        | 56.8        | 75.6        | 75.4            | 73.5        | 76.3        | 76.8        | 74.7        | 65.5        | 54.7         | 71.8        | 70.4        | 74.7        | 57.5        | 62.9        | 65.6        | 53.2        | 73.6        | 72.0        | 73.5           | 75.8           | 74.4        | 74.3        | 56.9        |
| DaggerCoref     | 76.8        | 69.8        | 73.0        | 67.2        | 56.2        | 73.0        | 74.5            | 70.8        | 71.0        | 78.0        | 72.2        | 69.2        | 61.1         | 64.7        | 54.1        | 76.7        | 63.3        | 61.9        | 57.3        | <b>61.4</b> | 77.8        | 63.8        | 76.0           | 76.7           | 70.9        | 73.5        | 41.9        |
| Stanza          | 79.6        | 73.7        | 74.8        | 70.6        | 40.2        | 75.9        | 70.1            | 73.7        | 72.2        | 79.9        | 72.1        | 62.4        | 62.0         | 53.8        | 61.1        | 78.9        | 65.0        | 69.3        | 63.1        | 41.1        | 76.3        | 61.5        | 75.3           | 75.3           | 73.2        | 77.4        | 53.5        |
| BASELINE-GZ     | 68.9        | 67.6        | 67.1        | 69.3        | 27.6        | 58.1        | 65.4            | 65.1        | 65.5        | 71.5        | 67.3        | 56.2        | 43.1         | 33.1        | 24.8        | 69.7        | 51.0        | 58.9        | 62.2        | 8.6         | 67.8        | 40.8        | 65.6           | 66.1           | 66.3        | 63.3        | 46.6        |
| BASELINE        | 68.4        | 63.8        | 66.3        | 65.0        | 24.3        | 58.1        | 65.4            | 65.3        | 65.5        | 70.9        | 67.3        | 56.2        | 43.1         | 30.2        | 24.8        | 69.7        | 46.6        | 58.5        | 62.2        | 8.6         | 67.8        | 40.8        | 65.6           | 66.1           | 64.8        | 63.3        | 39.0        |
| LLM-Landcore    | 38.5        | 35.2        | 44.0        | 41.5        | 27.9        | 50.5        | 62.9            | 55.4        | 53.1        | 47.5        | 46.7        | 44.7        | 46.3         | 35.3        | 65.3        | 64.1        | 36.2        | 39.2        | 59.0        | 20.6        | 67.9        | 47.1        | 50.3           | 52.2           | 47.6        | 51.1        | 37.3        |
| AUKBC-MULCRF    | 42.4        | 26.9        | 37.5        | 35.9        | 33.8        | 32.4        | 43.4            | 45.8        | 34.0        | 39.2        | 35.4        | 34.5        | 27.4         | 41.2        | 50.6        | 49.1        | 29.6        | 31.0        | 19.4        | 15.2        | 29.4        | 36.0        | 42.9           | 41.9           | 35.9        | 29.3        | 37.6        |

| system          | ca_ancora           | cs_pcedt            | cs_pdt              | cs_pdtsc            | cu_proiel           | es_ancora           | grc_proiel          | hu_korkor                  | hu_szeged           | pl_pcc              | tr_itcc             |
|-----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------------|---------------------|---------------------|---------------------|
| CorPipeEnsemble | <b>92 / 91 / 92</b> | 71 / 78 / 74        | 79 / 85 / 82        | 85 / 85 / 85        | 77 / 78 / 78        | <b>92 / 93 / 93</b> | <b>89 / 93 / 91</b> | 78 / <b>85</b> / <b>81</b> | 80 / 73 / <b>77</b> | 93 / 87 / <b>90</b> | <b>91 / 74 / 82</b> |
| CorPipeXXL      | 91 / 90 / 91        | 70 / 77 / 73        | 79 / 85 / 82        | 85 / 85 / 85        | <b>78 / 79 / 79</b> | 91 / 92 / 92        | 89 / 93 / 91        | <b>79</b> / 84 / 81        | 79 / 74 / 77        | 92 / 87 / 90        | 90 / 73 / 81        |
| LLM-LatticeNLP  | 84 / 88 / 86        | 67 / 78 / 72        | 75 / 87 / 80        | 77 / 81 / 79        | 71 / 79 / 75        | 84 / 87 / 86        | 87 / <b>94</b> / 90 | 78 / 82 / 80               | 71 / 78 / 74        | 90 / 87 / 89        | 87 / 76 / 81        |
| LLM-UWB         | 88 / 89 / 89        | 62 / 80 / 69        | 73 / <b>89</b> / 80 | 82 / 83 / 82        | 69 / 78 / 73        | 90 / 91 / 91        | 88 / 92 / 90        | 72 / 82 / 77               | 74 / <b>80</b> / 77 | 87 / <b>89</b> / 88 | 84 / 65 / 73        |
| CorPipeLarge    | 89 / 89 / 89        | 59 / 79 / 68        | 76 / 81 / 78        | 79 / 85 / 82        | 71 / 72 / 72        | 91 / 91 / 91        | 81 / 84 / 82        | 74 / 77 / 75               | <b>82</b> / 66 / 73 | 92 / 83 / 87        | 88 / 68 / 76        |
| LLM-PortNLP     | 88 / 91 / 90        | 68 / 76 / 72        | 74 / 84 / 79        | 80 / 82 / 81        | 72 / 78 / 75        | 88 / 93 / 90        | 87 / 92 / 90        | 52 / 81 / 63               | 61 / 78 / 69        | 87 / 88 / 88        | 80 / 77 / 78        |
| DAGgerCoref     | 86 / 90 / 88        | 50 / 79 / 61        | 67 / 75 / 71        | 68 / 78 / 73        | 70 / 74 / 72        | 89 / 92 / 90        | 76 / 81 / 78        | 47 / 79 / 59               | 48 / 63 / 55        | 86 / 89 / 87        | 41 / 77 / 53        |
| Stanza          | 89 / 89 / 89        | 60 / 81 / 69        | 75 / 79 / 77        | 79 / 82 / 80        | 58 / 64 / 61        | 90 / 89 / 89        | 73 / 81 / 77        | 69 / 81 / 75               | 76 / 74 / 75        | <b>93</b> / 83 / 87 | 76 / 67 / 71        |
| BASELINE-GZ     | 84 / 85 / 84        | <b>78 / 82 / 80</b> | <b>83 / 85 / 84</b> | <b>88 / 88 / 88</b> | 61 / 71 / 65        | 88 / 89 / 88        | 67 / 71 / 69        | 75 / 82 / 78               | 54 / 62 / 58        | 88 / 87 / 88        | 74 / <b>81</b> / 77 |
| BASELINE        | 82 / 81 / 81        | 54 / 75 / 63        | 73 / 77 / 75        | 76 / 82 / 79        | 50 / 60 / 55        | 86 / 84 / 85        | 60 / 65 / 62        | 63 / 72 / 67               | 51 / 57 / 54        | 85 / 80 / 82        | 72 / 63 / 67        |
| LLM-Landcore    | 0 / 33 / 0          | 11 / 40 / 17        | 11 / 37 / 17        | 39 / 47 / 42        | 13 / 18 / 15        | 3 / 48 / 5          | 14 / 65 / 24        | 10 / 40 / 16               | 4 / 28 / 7          | 3 / 26 / 6          | 26 / 58 / 36        |
| AUKBC-MULCRF    | 55 / 62 / 58        | 31 / 42 / 36        | 45 / 47 / 46        | 69 / 64 / 67        | 61 / 61 / 61        | 48 / 54 / 51        | 72 / 71 / 72        | 0 / 0 / 0                  | 0 / 0 / 0           | 0 / 0 / 0           | 76 / 58 / 66        |