

| training_approach = LCWA | | | | training_approach = sLCWA | | | | inverse_relations = False | |
|--------------------------|--------|--------|--------|---------------------------|--------|--------|--------|---------------------------|--------------------------|
| ComplEx | 27.67% | 40.33% | 21.80% | ComplEx | 37.29% | 29.09% | 30.27% | | 33.85% |
| ConvE | 36.26% | 31.35% | 33.38% | ConvE | 3.89% | 8.28% | 4.53% | | 0.96% |
| ConvKB | | | | ConvKB | 30.32% | 28.08% | 31.47% | | 32.26% |
| DistMult | 34.36% | 40.87% | 33.69% | DistMult | 33.70% | 40.41% | 35.24% | | 34.34% |
| ERMLP | 28.06% | 28.02% | 26.76% | ERMLP | 36.07% | 35.47% | 29.18% | | 34.93% |
| HoIE | 38.45% | 32.30% | 32.99% | HoIE | 35.42% | 31.30% | 25.58% | | 34.70% |
| KG2E | 0.05% | 22.27% | 42.37% | KG2E | 0.06% | 38.28% | 38.19% | | 42.70% |
| MuRE | 42.65% | 29.25% | 41.77% | MuRE | 43.24% | 38.41% | 45.07% | | 43.63% |
| NTN | 10.21% | | | NTN | 2.44% | 9.89% | 0.03% | | 20.34% |
| ProjE | 31.65% | 29.45% | 24.52% | ProjE | 30.87% | 32.50% | 26.45% | | 30.24% |
| QuatE | 31.14% | 24.00% | 23.23% | QuatE | 27.38% | 31.08% | 26.92% | | 29.35% |
| RESCAL | 26.81% | 36.92% | 21.33% | RESCAL | 26.20% | 32.81% | 32.46% | | 35.63% |
| RotatE | 47.81% | 45.76% | 43.96% | RotatE | 38.37% | 43.22% | 49.75% | | 38.37% |
| SE | | | | SE | 24.17% | 33.96% | 38.89% | | 34.04% |
| SimpleE | 24.24% | 36.11% | 20.97% | SimpleE | 29.62% | 24.71% | 30.48% | | 29.68% |
| TransD | 4.31% | 26.51% | 0.87% | TransD | 28.96% | 35.01% | 27.10% | | 31.02% |
| TransE | 44.54% | 33.94% | 45.32% | TransE | 30.97% | 46.42% | 42.16% | | 35.84% |
| TransH | 16.42% | 21.58% | 21.15% | TransH | 27.54% | 35.29% | 25.31% | | 26.93% |
| TransR | 10.81% | 21.84% | 9.79% | TransR | | 36.14% | 7.85% | | |
| TuckER | 46.33% | 42.22% | 44.93% | TuckER | 5.13% | 5.37% | 3.99% | 2.33% | |
| UM | 6.27% | 8.02% | 6.84% | UM | 6.12% | 3.43% | 5.70% | 6.30% | |
| | BCEL | CEL | SPL | | BCEL | MRL | NSSAL | SPL | |
| ComplEx | 33.76% | 44.84% | 29.16% | ComplEx | 33.32% | 30.99% | 28.96% | 28.51% | inverse_relations = True |
| ConvE | 49.21% | 45.90% | | ConvE | 0.00% | 1.26% | 0.69% | 3.73% | |
| ConvKB | | | | ConvKB | | | 28.35% | | |
| DistMult | 40.60% | 47.39% | 39.34% | DistMult | 32.68% | 39.13% | 35.31% | 34.24% | |
| ERMLP | 45.10% | 41.30% | 40.27% | ERMLP | 35.69% | 37.76% | 31.23% | 37.08% | |
| HoIE | 38.15% | 42.23% | 33.32% | HoIE | 37.00% | 31.05% | 32.01% | 36.22% | |
| KG2E | 0.79% | 37.70% | 45.50% | KG2E | 0.65% | 36.41% | 34.19% | 40.68% | |
| MuRE | 47.20% | 34.37% | 45.22% | MuRE | 44.14% | 37.21% | 43.52% | 43.15% | |
| NTN | 18.10% | | | NTN | 12.30% | 2.05% | 1.27% | 3.03% | |
| ProjE | 41.62% | 41.57% | 34.13% | ProjE | 26.34% | 35.28% | 23.86% | 26.52% | |
| QuatE | 30.15% | 46.17% | 34.08% | QuatE | 26.91% | 29.80% | 21.85% | 29.97% | |
| RESCAL | 45.39% | 46.46% | 33.34% | RESCAL | 30.32% | 32.04% | 26.45% | 33.59% | |
| RotatE | 44.29% | 47.04% | 44.25% | RotatE | 37.91% | 37.94% | 48.61% | 38.40% | |
| SE | | | | SE | 30.45% | 26.80% | 39.43% | 21.96% | |
| SimpleE | 35.68% | 40.31% | 21.81% | SimpleE | 27.75% | 16.82% | 26.54% | 28.28% | |
| TransD | 3.00% | 28.55% | 3.52% | TransD | 25.65% | 41.86% | 24.76% | 29.87% | |
| TransE | 39.15% | 45.51% | 42.79% | TransE | 30.44% | 43.53% | 40.49% | 35.11% | |
| TransH | 27.27% | 25.95% | 27.67% | TransH | 24.42% | 27.45% | 23.11% | 26.03% | |
| TransR | 15.95% | 39.19% | 11.77% | TransR | | 33.89% | 12.20% | | |
| TuckER | 52.86% | 50.58% | 52.85% | TuckER | 2.84% | 7.00% | 2.33% | 2.92% | |
| UM | 6.51% | 7.98% | 7.28% | UM | 6.09% | 3.31% | 5.82% | 6.17% | |
| | BCEL | CEL | SPL | | BCEL | MRL | NSSAL | SPL | |