

| Method | Feature dim. | Pearson | Spearman |
|-------------------------------|--------------|--------------|--------------|
| Pre-trained+random (baseline) | 9,568 | 0.737 | 0.637 |
| Pre-trained+initial | 100 | 0.760 | 0.663 |
| Pre-trained+resample | 9,568 | 0.799 | 0.717 |
| Attribute-tuned | 4,096 | 0.662 | 0.549 |
| Attribute-tuned+random | 9,568 | 0.716 | 0.565 |
| Attribute-tuned+initial | 100 | 0.716 | 0.603 |
| Attribute-tuned+resample | 9,568 | 0.782 | 0.721 |
| Category-tuned+random | 9,568 | 0.760 | 0.684 |
| Category-tuned+initial | 100 | 0.663 | 0.480 |
| Category-tuned+resample | 9,568 | 0.783 | 0.704 |
| Language prior | - | 0.139 | 0.032 |