Supplementary materials

1. Analysis of differences between age groups but with the literal condition as a baseline/reference level, instead of the metaphorical one, included in the main manuscript.
   1. Eye tracking results:

Table I:

Eye-tracking results with literal condition as baseline, CRITICAL time-window

| term |  | 95% CI |  |  |  |
| --- | --- | --- | --- | --- | --- |
| LIT | -0.60 | [-0.79, -0.42] | -6.36 | 51.75 | < .001 |
| LIT v. MET | 1.33 | [1.14, 1.53] | 13.36 | 80.10 | < .001 |
| AGE (centered) | -0.06 | [-0.22, 0.10] | -0.76 | 74.12 | .449 |
| UTTERANCE TYPE X AGE | 0.24 | [0.04, 0.44] | 2.30 | 68.88 | .025 |

*Note.* First row shows condition coded as intercept

Table II:

Eye-tracking results with literal condition as baseline, QUESTION time-window

| term |  | 95% CI |  |  |  |
| --- | --- | --- | --- | --- | --- |
| LIT | -0.68 | [-0.87, -0.49] | -7.15 | 84.03 | < .001 |
| LIT v. MET | 1.18 | [0.96, 1.40] | 10.32 | 77.79 | < .001 |
| AGE (centered) | -0.14 | [-0.34, 0.06] | -1.34 | 71.88 | .185 |
| UTTERANCE TYPE X AGE | 0.39 | [0.14, 0.64] | 3.08 | 61.48 | .003 |

*Note.* First row shows condition coded as intercept

* 1. Picture selection results:

Table III:

Picture selection results with literal condition as baseline

| term |  | 95% CI |  |  |
| --- | --- | --- | --- | --- |
| LIT | 3.06 | [1.34, 4.77] | 3.49 | < .001 |
| LIT v. MET | 3.15 | [0.31, 5.98] | 2.18 | .029 |
| AGE (lineal) | 26.25 | [14.13, 38.38] | 4.24 | < .001 |
| AGE (quadratic) | -0.72 | [-12.85, 11.41] | -0.12 | .907 |
| UTTERANCE TYPE X AGE (lineal) | -19.61 | [-36.62, -2.60] | -2.26 | .024 |
| UTTERANCE TYPE X AGE (quadratic) | -1.16 | [-18.13, 15.82] | -0.13 | .894 |

*Note.* First row shows condition coded as intercept; AGE is a continuous predictor measured in days

1. Analysis of picture selection results with the rest of the age groups as baselines/reference levels (5 is the chosen baseline for the table included in the manuscript).

Table IV:

Picture selection results with metaphor condition and age bracket ‘3-4’ as baseline

| term |  | 95% CI |  |  |
| --- | --- | --- | --- | --- |
| MET | -0.41 | [-3.45, 2.63] | -0.27 | .791 |
| MET v. LIT | 12.95 | [6.71, 19.19] | 4.07 | < .001 |
| ‘3-4’ v. ‘5’ | 0.88 | [-3.17, 4.93] | 0.43 | .670 |
| ‘3-4’ v. ‘6’ | 5.84 | [1.08, 10.59] | 2.41 | .016 |
| ‘3-4’ v. ‘7-9’ | 7.25 | [3.42, 11.09] | 3.71 | < .001 |
| UTTERANCE TYPE X AGE(‘3-4’ v. ‘5’) | 0.52 | [-6.28, 7.31] | 0.15 | .881 |
| UTTERANCE TYPE X AGE(‘3-4’ v. ‘6’) | 13.10 | [1.37, 24.82] | 2.19 | .029 |
| UTTERANCE TYPE X AGE(‘3-4’ v. ‘7-9’) | -0.73 | [-8.72, 7.25] | -0.18 | .858 |

*Note.* First row shows condition coded as intercept, AGE is a categorical predictor

Table V:

Picture selection results with metaphor condition and age bracket ‘5’ as baseline

| term |  | 95% CI |  |  |
| --- | --- | --- | --- | --- |
| MET | 0.48 | [-2.26, 3.22] | 0.34 | .733 |
| MET v. LIT | 13.43 | [9.26, 17.61] | 6.30 | < .001 |
| ‘5’ v. ‘3-4’ | -0.99 | [-5.14, 3.16] | -0.47 | .640 |
| ‘5’ v. ‘6’ | 5.05 | [0.47, 9.64] | 2.16 | .031 |
| ‘5’ v. ‘7-9’ | 6.40 | [2.78, 10.01] | 3.47 | .001 |
| UTTERANCE TYPE X AGE(‘5’ v. ‘3-4’) | 0.19 | [-6.93, 7.32] | 0.05 | .957 |
| UTTERANCE TYPE X AGE(‘5’ v. ‘6’) | 12.66 | [1.93, 23.38] | 2.31 | .021 |
| UTTERANCE TYPE X AGE(‘5’ v. ‘7-9’) | -1.25 | [-7.69, 5.19] | -0.38 | .704 |

*Note.* First row shows condition coded as intercept, AGE is a categorical predictor

Table VI:

Picture selection results with metaphor condition and age bracket ‘6’ as baseline

| term |  | 95% CI |  |  |
| --- | --- | --- | --- | --- |
| MET | 5.12 | [1.47, 8.77] | 2.75 | .006 |
| MET v. LIT | 14.26 | [5.43, 23.10] | 3.16 | .002 |
| ‘6’ v. ‘5’ | -4.66 | [-9.06, -0.26] | -2.08 | .038 |
| ‘6’ v. ‘3-4’ | -5.60 | [-10.22, -0.98] | -2.38 | .017 |
| ‘6’ v. ‘7-9’ | 1.55 | [-1.97, 5.07] | 0.86 | .389 |
| UTTERANCE TYPE X AGE(‘6’ v. ‘5’) | -1.24 | [-10.53, 8.05] | -0.26 | .793 |
| UTTERANCE TYPE X AGE(‘6’ v. ‘3-4’) | -1.49 | [-11.73, 8.74] | -0.29 | .775 |
| UTTERANCE TYPE X AGE(‘6’ v. ‘7-9’) | -2.57 | [-12.90, 7.76] | -0.49 | .626 |

*Note.* First row shows condition coded as intercept, AGE is a categorical predictor