## Beyond Words: Semantic Representation of Text In Distributional Models of Language

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| Original   | LSA         |                    | Topics       |                    |
|------------|-------------|--------------------|--------------|--------------------|
| title      | top word    | score <sub>1</sub> | top word     | score <sub>1</sub> |
| Baseball   | player      | 0.00135            | basketball   | 0.0127             |
| Boxing     | position    | 0.02789            | championship | 0.0423             |
| Golf       | player      | 0.00480            | hockey       | 0.0210             |
| Gymnastics | gymnastics  | 0.00000            | athletes     | 0.0409             |
| Tennis     | players     | 0.01308            | championship | 0.0111             |
| Hockey     | players     | 0.01146            | basketball   | 0.0514             |
| Skiing     | skiing      | 0.00000            | skis         | 0.0528             |
| Fencing    | tournaments | 0.47745            | championship | 0.5255             |



