“**>>**” means processed faster

“**\*>>**” means significantly processed faster

**English:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | **R1** | **R2** | **R3** | **R4** | **R5** | **R6** | **R7** | **R8** | **R9** | **R10** |
| **SS** | The horse | that | ***e*** kicked | the wolf | on Tuesday | that | ***e*** patted | the lion | just now | went home. |
| **SO** | The horse | that | ***e*** kicked | the wolf | on Tuesday | that | the lion | patted ***e*** | just now | went home. |
| **OS** | The horse | that | the wolf | kicked ***e*** | on Tuesday | that | ***e*** patted | the lion | just now | went home. |
| **OO** | The horse | that | the wolf | kicked ***e*** | on Tuesday | that | the lion | patted ***e*** | just now | went home. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Main Verb** | **Verb in RC1** | **Verb in RC2** | **RC1 (region 234)** | **RC2 (region 678)** |
| **Rank** | OS >> OO >> SS >> SO  OS \*>> SO | SS >> SO \*>> OO >> OS | OO >> SO >> OS >> SS  SO \*>> SS | SS >> SO >> OO >> OS  S \*>> O | OO >> SO >> SS >> OS  Nothing is significant |
|  | **RC1 + RC2** | **RC1 + RC2 + Main V** | R3478 | RC2 (R78) |  |
| **Rank** | SO >> SS \*>> OO >> OS | SO >> SS \*>> OO >> OS | SO >> SS \*>> OO >> OS | OO >> SO >> SS >> OS  OO \*>> OS |  |

* Main Verb: distance between gaps matter.
* V in RC1: S \*>> O
* V in RC2:
  + O \*>> S
  + SO \*>> SS, OO\*>> SS
* The whole RC1: S\*>>O
* The whole RC2: nothing significant
* RC1+RC2: SO, SS \*>> OO, OS
* RC1+RC2+Main Verb: SO, SS \*>> OO, OS
* Nothing is significant at the edge of RC2

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**Chinese:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | **R1** | **R2** | **R3** | **R4** | **R5** | **R6** | **R7** | **R8** | **R9** | **R10** | **R11** | **R12** |
| **SS** | Dem | on Tuesday | ***e*** kicked | the wolf | many times | de | just now | ***e*** patted | the lion | de | horse | went home. |
| **SO** | Dem | on Tuesday | ***e*** kicked | the wolf | many times | de | just now | the lion | patted ***e*** | de | horse | went home. |
| **OS** | Dem | on Tuesday | the wolf | ***e*** kicked | many times | de | just now | ***e*** patted | the lion | de | horse | went home. |
| **OO** | Dem | on Tuesday | the wolf | ***e*** kicked | many times | de | just now | the lion | patted ***e*** | de | horse | went home. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Head NP** | **Verb in RC1** | **Verb in RC2** | **Edge of RC1 (R3)** | **Edge of RC2 (R8)** |
| **Rank** | SS >> OO \*>> OS >> SO | Nothing sig. | SS \*>> OS >> OO \*>> SO | SS >> SO \*>> OS >> OO | SS \*>> OS >> SO >> OO |
|  | **RC1 (R346)** | **RC2 (R8910)** | **RC1 + RC2 (R3468910)** |  |  |
| **Rank** | OO >> OS >> SO >> SS  OO \*>> SO  OO \*>> SS | SS \*>> OO >> OS >> SO | SS >> OO >> OS >> SO  SS \*>> SO |  |  |

* Head NP: parallelism dominates.
* Verb in RC2:
  + S \*>> O if RC1 is a S
  + Parallelism still dominates: SS \*>> OS, OO \*>> SO
* Edge of RC1: S \*>> O
* Edge of RC2: S \*>> O
* The whole RC1: O \*>> S
* The whole RC2: S is the fastest when RC1 is also S.
* RC1 + RC2: SS \*>> SO