# Used

1. Abreo, S., Gergen, A., Gupta, N., & Samaha, J. (2023). Effects of satisfying and violating expectations on serial dependence. Journal of vision, 23(2), 6-6.  
   <https://doi.org/10.1167/jov.23.2.6>  
   Data available at: <https://osf.io/kpjtb/>  
   Experiment 1  
   Condition(s) to include: Random sequence only
2. Blondé, P., Kristjánsson, Á., & Pascucci, D. (2023). Tuning perception and decisions to temporal context. Iscience, 26(10).  
   <https://doi.org/10.1016/j.isci.2023.108008>  
   Data available at: <https://doi.org/10.5281/zenodo.8109972>  
   Experiment 2 (only the uniform condition), Exp 1 excluded due to discrete delta bins without 90°   
   Condition(s) to include: the uniform condition, the 'stable' condition in exp 2 is excluded in read\_data
3. Ceylan, G., & Pascucci, D. (2023). Attractive and repulsive serial dependence: The role of task relevance, the passage of time, and the number of stimuli. Journal of Vision, 23(6), 8-8.  
   <https://doi.org/10.1167/jov.23.6.8>  
   Data available from the corresponding author.  
   Experiment 2 (Experiment 1 has non uniform orientations)  
   Condition(s) to include: All
4. Ceylan, G., Herzog, M. H., & Pascucci, D. (2021). Serial dependence does not originate from low-level visual processing. Cognition, 212, 104709.  
   <https://doi.org/10.1016/j.cognition.2021.104709>  
   Data available at: <https://doi.org/10.5281/zenodo.4632855>  
   Experiment 1 and 2   
   Condition(s) to include: All, code for separate conditions (stim\_type=1: low SF gabor)
5. Chetverikov, A., & Jehee, J. F. (2023). Motion direction is represented as a bimodal probability distribution in the human visual cortex. Nature Communications, 14(1), 7634.  
   <https://doi.org/10.1038/s41467-023-43251-w>  
   Data available at: <https://doi.org/10.34973/yk4k-tp41>  
   Experiment 1 (low and high motion coherence)  
   Condition(s) to include: All, coherence coded by condition.
6. **Cicchini**, G. M., Mikellidou, K., & Burr, D. C. (2018). The functional role of serial dependence. Proceedings of the Royal Society B, 285(1890), 20181722.  
   <https://doi.org/10.1098/rspb.2018.1722>  
   Data available at: <https://datadryad.org/stash/dataset/doi:10.5061/dryad.8ph33s0>  
   Experiment 2  
   Condition(s) to include: All, 6 subjects
7. Fischer, J., & Whitney, D. (2014). Serial dependence in visual perception. Nature neuroscience, 17(5), 738-743.  
   <https://doi.org/10.1038/nn.3689>  
   Data available at: <https://osf.io/w4kcj/>  
   (from <https://doi.org/10.3758/s13423-023-02320-3>)  
   Experiment 1b (with uniform orientations)  
   Condition(s) to include: All
8. Fischer, C., Czoschke, S., Peters, B., Rahm, B., Kaiser, J., & Bledowski, C. (2020). Context information supports serial dependence of multiple visual objects across memory episodes. Nature communications, 11(1), 1932.  
   <https://doi.org/10.1038/s41467-020-15874-w>  
   Data available at: <https://osf.io/azpwy>  
   Experiment from 1 to 4  
   Condition(s) to include: All, target-related SD
9. Fritsche, M., & de Lange, F. P. (2019). The role of feature-based attention in visual serial dependence. Journal of vision, 19(13), 21-21. <https://doi.org/10.1167/19.13.21>  
   Data available at: <http://hdl.handle.net/11633/aacbcblo>  
   Experiment 1 (only one)  
   Condition(s) to include: All (attention condition coded)
10. Fritsche, M., Spaak, E., & De Lange, F. P. (2020). A Bayesian and efficient observer model explains concurrent attractive and repulsive history biases in visual perception. Elife, 9, e55389.  
    <https://doi.org/10.7554/eLife.55389>  
    Data available at: <https://doi.org/10.34973/hcea-dt25>  
    Experiment from 1 to 3  
    Condition(s) to include: All (collapsing SF as in the original paper)
11. Gallagher, G. (2023). Uncertainty In Serial Dependence (Doctoral dissertation, University of Bristol).  
    <https://doi.org/10.1167/jov.22.1.6>  
    Data available at: <https://doi.org/10.5523/bris.3lf3skkfzen4a2ajz1l6bv05gv>  
    Experiment 1 (only one)  
    Condition(s) to include: All, code for uncertainty level
12. Geurts, L.S., Cooke, J.R.H., van Bergen, R.S. et al. Subjective confidence reflects representation of Bayesian probability in cortex. Nat Hum Behav 6, 294–305 (2022).  
    <https://doi.org/10.1038/s41562-021-01247-w>  
    Data available at: <https://doi.org/10.34973/983b-a047>  
    Experiment 1 (only one)  
    Condition(s) to include: All, confidence coded as condition.
13. Houborg, C., Kristjánsson, Á., Tanrıkulu, Ö. D., & Pascucci, D. (2023). The role of secondary features in serial dependence. Journal of Vision, 23(5), 21-21.  
    <https://doi.org/10.1167/jov.23.5.21>  
    Data available from the corresponding author.  
    Experiment 1 and 2   
    Condition(s) to include: All, delta for previous target
14. Houborg, C., Pascucci, D., Tanrıkulu, Ö. D., & Kristjánsson, Á. (2023). The effects of visual distractors on serial dependence. Journal of Vision, 23(12), 1-1.  
    <https://doi.org/10.1167/jov.23.12.1>  
    Data available at: <https://doi.org/10.5281/zenodo.7940513>  
    Experiment 1 and 2   
    Condition(s) to include: All, delta for previous target
15. Kondo, A., Murai, Y., & Whitney, D. (2022). The test-retest reliability and spatial tuning of serial dependence in orientation perception. Journal of Vision, 22(4), 5-5.  
    <https://doi.org/10.1167/jov.22.4.5>  
    Data available at: by the corresponding authors  
    Experiment 1 and 2 (two groups of participants performing 4 conditions, 2 each)   
    Condition(s) to include: Four, code for separate conditions
16. **Lau**, W. K., & Maus, G. W. (2019). Visual serial dependence in an audiovisual stimulus. Journal of vision, 19(13), 20-20.  
    <https://doi.org/10.1167/19.13.20>  
    Data available at: <https://researchdata.ntu.edu.sg/dataset.xhtml?persistentId=doi:10.21979/N9/CBUORH>  
    Experiment 1-3  
    Condition(s) to include: All 3 experiments combined, only the condition with visual task
17. Moon, J., & Kwon, O. S. (2022). Attractive and repulsive effects of sensory history concurrently shape visual perception. BMC biology, 20(1), 247.  
    <https://doi.org/10.1186/s12915-022-01444-7>  
    Data available at: <https://osf.io/s3cx2/>

Experiment 1  
Condition(s) to include: All, delta stimulus

1. Moon, J., Tadin, D., & Kwon, O. S. (2023). A key role of orientation in the coding of visual motion direction. Psychonomic bulletin & review, 30(2), 564-574.  
   <https://doi.org/10.3758/s13423-022-02181-2>  
   Data available at: <https://osf.io/m6d4z/>

Experiment 1 , 2 and 3  
Condition(s) to include: All

1. Ozkirli, A., & Pascucci, D. (2023). State-dependent serial dependence in perceptual decisions. bioRxiv, 2023-10.  
   <https://doi.org/10.1101/2023.10.19.563128>  
   Data available from the corresponding author.  
   Experiment 1 and 2  
   Condition(s) to include: All, uncertainty coded by condition.
2. **Pascucci**, D., Roinishvili, M., Chkonia, E., Brand, A., Whitney, D., Herzog, M. H., & Manassi, M. (2024). Intact Serial Dependence in Schizophrenia: Evidence from an Orientation Adjustment Task. Schizophrenia Bulletin, sbae106.  
   <https://doi.org/10.1093/schbul/sbae106>  
   Data available from <https://doi.org/10.1093/schbul/sbae106>  
   Experiment 1, only CNT (healthy control group).  
   Condition(s) to include: All (trials after no response are excluded via nans already).
3. Sadil, P., Cowell, R. A., & Huber, D. E. (2024). The push–pull of serial dependence effects: Attraction to the prior response and repulsion from the prior stimulus. Psychonomic Bulletin & Review, 31(1), 259-273.  
   <https://doi.org/10.3758/s13423-023-02320-3>  
   Data available at: <https://osf.io/w4kcj/>

Experiment 1 (only one)  
Condition(s) to include: only one.

1. Samaha, J., Switzky, M., & Postle, B. R. (2019). Confidence boosts serial dependence in orientation estimation. Journal of vision, 19(4), 25-25.  
   <https://doi.org/10.1167/19.4.25>  
   Data available at: <https://osf.io/6uczk/>

Experiment 1 (only one).  
Condition(s) to include: All, uncertainty coded by condition.  
NOTE: a cutoff of 25° (abs error) was required in the original ms to find SD

# Additional to consider

## The Influence of Active Removal from Working Memory on Serial Dependence

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9400626/>

Data available: <https://github.com/ShanJG/active_removal_serial_dependence>

Task with multiple items, full ori range, several conditions (SD not evident in all)

## Stronger serial dependence in the depth plane than the fronto-parallel plane between realistic objects: Evidence from virtual reality

<https://jov.arvojournals.org/article.aspx?articleid=2785653#247525002>

Data available: <https://osf.io/e6vgd>

Task in VR with real objects, still about reporting orientation, restricted ori range, several conditions (SD in most).

## Serial dependence bias can predict the overall estimation error in visual perception

<https://jov.arvojournals.org/article.aspx?articleid=2792977#247613732>

NO Data available (contact: [sunqi\_psy@zjnu.edu.cn](mailto:sunqi_psy@zjnu.edu.cn))

Experiment 1 Orientation perception, full ori range?

## Two types of serial dependence in visual working memory

<https://doi.org/10.1111/bjop.12349>

NO Data available (contact: Stefan Czoschke)

Motion task, with retrocue like in Cora’s. Weak attractive SD.

## Serial dependence promotes object stability during occlusion

<https://doi.org/10.1167/16.15.16>

NO Data available (contact: [alinal@berkeley.edu](mailto:alinal@berkeley.edu); [dwhitney@berkeley.edu](mailto:dwhitney@berkeley.edu))

Ori task with occlusion, RESTRICTED ori range…

## Serial dependence transfers between perceptual objects

<https://doi.org/10.1101/165399>

NO Data available (contact: [ghuffman@nd.edu](mailto:ghuffman@nd.edu))

Orientation task, full ori range, archive paper since 2018