

# From Noodles to Nurture: A Metaphorical Psychology of Parental Attention Distribution

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## Abstract

This paper presents a metaphorical reflection on parenting dynamics inspired by sudden realization while cooking noodles. Observing how noodles are often placed in the plate starting from the edge, it led to the insight that parental attention is frequently distributed along a "horizontal line," where focus tends to fall on the eldest or youngest children. This paper suggests "circle" model of parenting, in which each child is seen and cared for equally, regardless of birth order. Drawing upon psychological theories of birth order, favoritism, and sibling dynamics, the paper explores how parental perspectives might shift if the family structure were imagined in a more inclusive and balanced form. This conceptual essay aims to open new perspective for understanding equality in family relationships and invites readers to rethinking parenting style beyond linear hierarchies.

## Background and Psychological Basis

Parents rarely set out to treat their children unequally, but in practice, attention often falls into a certain order. This isn't always intentional. It can be shaped by instincts, routines, or the simple logistics of daily life. When we look closely, a pattern starts to emerge: attention tends to flow in sequence which usually to the eldest or the youngest first. This section explores why that happens, and why it's such a common part of human parenting.

### 2.1 Evolutionary Psychology and Resource Allocation

From an evolutionary standpoint, early humans had to manage scarce resources, such as time, energy, food, and protection. In such contexts, prioritizing the most vulnerable members (often the youngest) or the most capable (typically the eldest) was a practical strategy for family survival. This evolved into a natural bias toward age-based or need-based attention, reinforcing linear care giving behavior over generations.

### 2.2 Cognitive Heuristics and Sequential Thinking

Cognitively, humans tend to simplify complexity through heuristics (mental shortcuts that guide decisions efficiently). One common heuristic is sequential ordering, where individuals or tasks are mentally arranged in lines or ranks. In parenting, this often translates to attending to children in the order of birth or urgency, with the eldest or youngest typically being the first to receive emotional or practical responses.

### 2.3 Cultural and Social Norms

Cultural expectations further reinforce this linear attention pattern. In many societies, firstborns are assigned leadership roles or heavier expectations, while youngest children are often viewed as more delicate and in need of protection. Meanwhile middles often compared to the eldest. This cultural framing subtly trains parents to distribute their care in a ranked or ordered fashion, even when their intent is to treat all children fairly.

#### 2.4 Attachment Theory and Developmental Needs

According to attachment theory (Bowlby, 1969), children seek emotional security through their relationship with a primary caregiver. Younger children typically need more hands-on care and reassurance, which naturally draws more attention. Older children, having developed partial independence, may receive less moment-to-moment care, unintentionally reinforcing age-based prioritization.

#### 2.5 Parental Bias and Unconscious Preference

Even well-meaning parents are subject to unconscious biases, often shaped by their own upbringing, personality dynamics, or emotional connection with each child. These biases can lead to unequal attention, especially when parents are unaware of their internal favoritism or assumptions. For instance, a parent may relate more easily to a child with a similar temperament, or may unintentionally focus on the child who expresses need more overtly.

### **Introduction**

Parenting have been central themes in developmental psychology and family sociology. It is also often became awry, what is the wrong and right way to give attention to the children. Existing research has examined how factors such as birth order, age gaps, and gender play a role in how parents engage with their children (e.g., Sulloway, 1996; Kramer, 2010). however, these studies approach family dynamics through hierarchical or sequential frameworks which implicitly reinforcing the notion of linearity in care giving, where attention flows in one direction more than another.

Another research have explored how parents allocate attention, discipline, and emotional investment among their children. Alfred Adler (1928) proposed that birth order significantly shapes personality development, suggesting that eldest children tend to receive more responsibility and attention, while youngest children may be more indulged. In contrast, middle children which explained in Verywell mind, they tend to be adaptable, but they can also have rebellious streak. Middle kids are sometimes overlooked, they may engage in people pleasing behaviour as adults as a way to collect attention. Either, it is emerge the negative effect that is so called *middle child syndrome*.

There are some key factors that why humans often tend to not realize their behaviour, they are: evolutionary psychological and resourcefulness, cognitive bias and heuristics, social and cultural norms, attachment theory, parental bias and unconscious preferences, and child development and needs.

Despite the wealth of research in this area, much of the literature still relies on a hierarchical or linear model of familial relationships, where caregiving and attention are seen as flowing from the top down, based on age or responsibility. This study proposes an alternative: viewing the family structure as a circle, where all children are viewed and treated with equal emotional presence. This shift in perspective could offer a more balanced approach to understanding how parental attention affects children, regardless of birth order.

## **Main Theory: "Circle vs. Line" Model of Parental Attention**

This paper introduces the "Circle vs. Line" model as a conceptual framework for understanding how parental attention might be distributed among children. Drawing from everyday experiences and a reinterpretation of family dynamics, the model posits two distinct ways of perceiving parental attention:

### **I. Linear Permutation (Line Model)**

In a linear arrangement, where order matters, the number of ways to arrange  $n$  children is:

$$P(n) = n!$$

This reflects how many ways a parent might *sequence* their attention if they were following a strict one by one order (e.g., first child → second → third, etc.).

There are pros and cons using if parents use this approach:

- i. Simple and efficient when there's a clear priority
- ii. Fast for decision-making based on urgency or habit
- iii. Order bias is inevitable
- iv. Some children consistently receive more or less attention depending on where they fall in the sequence

### **II. Circular Permutation (Circle Model)**

In a circular model, where there's no fixed start or end, the number of unique arrangements is:

$$P(n) = (n-1)!$$

Circle permutation do not count as new arrangements. So, it is a more economical use of attention in terms of variety, not sequence.

- i. More balanced distribution over time
- ii. Reduces the psychological "ranking" effect
- iii. Forces a shift from fixed order to dynamic presence
- iv. May require more effort or mindfulness to maintain balance
- v. Harder to automate because each moment requires awareness

#### 4.1 The Linear Model of Parental Attention

In the linear model, parental attention is imagined as a straight line, often directed from the eldest to the youngest child or vice versa. This perception arises from the natural tendency of parents to distribute care based on age, need, or birth order. The firstborn often receives more attention at the outset due to their novelty and greater dependency, while the youngest may continue to attract significant focus due to their need for ongoing care and nurturing. Siblings in between might receive attention in a somewhat diminishing sequence, with less emphasis as parents settle into established roles or the family dynamic becomes more routine.

The linear model can also be seen in how parents interact with their children in a hierarchical manner, often expecting greater responsibility from older children. This may inadvertently cause parents to place more emphasis on the firstborn or youngest, while other children, especially those in the middle, might receive less direct or emotional investment. The sequence of attention, in this case, flows downward, with the firstborn seen as the "starting point" and younger siblings viewed as needing more support in proportion to their developmental stage.

#### 4.2 The Circular Model of Parental Attention

In contrast, the circular model proposes that attention is distributed equally across all children, with no inherent first-to-last order. Instead, the family is viewed as a circle, where all members are considered equidistant from the center of attention. This model suggests that parental care is not constrained by birth order or age but is instead distributed based on individual needs, emotions, and circumstances, ensuring that no child is left out or given undue preference based solely on their position within the family structure.

The circular model challenges the traditional hierarchical view of family dynamics by proposing that parents, when adopting a circular mindset, can provide more balanced emotional and practical support to each child. By seeing each child as equally important and valuable, parents may foster more harmonious sibling relationships and ensure that all children feel equally cared for and loved, regardless of age or birth order.

#### 4.3 Implications of the Circular Model

The shift from a linear to a circular model has profound implications for parenting styles and family dynamics. Adopting the circular model may encourage parents to actively reflect on their distribution of attention, consciously striving to provide equal support to all their children. This change in perspective can help minimize feelings of neglect or favoritism, which often arise in families where attention is given unevenly according to a perceived hierarchy.

Furthermore, the circular model aligns with modern psychological theories that emphasize emotional intelligence and empathy in child-rearing. When parents engage with their children as equals, rather than following a prescribed order of attention, children may develop healthier self-esteem, stronger relationships with siblings, and more balanced emotional regulation. In this way, the model not only

provides a framework for more equitable parental practices but also promotes positive family dynamics and individual well-being.

## **Discussion and Implications**

Rethinking attention through the metaphor of a circle rather than a line might seem simple, but the implications are surprisingly deep. At its core, the circular perspective suggests that no child stands at the "start" or "end" of parental awareness. Instead, every child is part of a shared center of attention which connected, equally visible, and emotionally reachable.

### 5.1 Parenting Awareness

Parents are often unaware that they follow habitual patterns when dividing their time or focus. Adopting a circular mindset encourages more intentional distribution of care, especially in families with multiple children.

### 5.2 Emotional Fairness vs. Practical Equality

This shift isn't about giving the same number of minutes to each child every day. It's about cultivating emotional fairness, recognizing the unique way each child experiences attention. A circular model fosters this by removing hierarchy. No one is "first" or "last" in line; instead, care moves dynamically, like eye contact in a conversation.

### 5.3 Broader Applications in Education and Policy

The line-versus-circle metaphor can also be extended beyond parenting. In classrooms, teachers may unconsciously focus more on vocal or struggling students, leaving others overlooked. In social policy, resources are often distributed based on ranked urgency, potentially missing those who quietly adapt without complaint. The circular model encourages more adaptive and inclusive thinking, one that scans the full field, rather than only the edges.

### 5.4 Limitations and Practical Constraints

Of course, time and energy are finite. Even with the best intentions, perfect balance is unrealistic. Some needs *are* more urgent at specific moments. However, being aware of one's tendencies (even symbolically) can help reduce long term imbalances. A circular mindset doesn't promise perfection, but it creates space for more conscious parenting.

## **Conclusion**

This paper began with a simple observation and realization about how we place noodles in a plate and unfolded into a broader reflection on how humans give attention. Through the lens of everyday behavior, we've proposed a shift in perspective: from a linear model of parenting attention, where care follows sequence and habit, to a circular model, where presence is shared, balanced, and equally accessible.

While the metaphor may be symbolic, the emotional and psychological implications are real. By recognizing the tendency to distribute attention based on order or familiarity, parents, educators, and even policymakers can begin to question whether fairness is being truly achieved. The circle reminds us that equality is not about structure, but about awareness, presence, and intention.

Further research is encouraged to explore how visual metaphors like this affect behavior in family dynamics, and whether rethinking "attention architecture" might improve long-term outcomes for children in multi-child households.

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