

THE PEDAGOGICAL VALUE OF SOFT SKILLS IN TRAINING: EDUCATING FOR SELF-ASSESSMENT

IL VALORE PEDAGOGICO DELLE SOFT SKILLS NELLA FORMAZIONE: EDUCARE ALL'AUTOVALUTAZIONE



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Rosanna Tammaro
University of Salerno
rtammaro@unisa.it



Concetta Ferrantino
University of Salerno
cferrantino@unisa.it



Iolanda Sara Iannotta
University of Salerno
iiannotta@unisa.it



ABSTRACT

For several years, pedagogical research has highlighted a framework of transversal skill to be promoted in the educational field, highlighting the centrality of the person's self-determination (Pellerey, 2017). In reflective continuity, this contribution aims to draw attention to the importance for educators and teachers to enhance self-assessment practice in training contexts to encourage the development of not only cognitive, but also transversal skill.

Da diversi anni, la ricerca pedagogica mette in luce un quadro di competenze trasversali da promuovere in ambito educativo, rilevando la centralità di autodeterminazione della persona (Pellerey, 2017). In continuità riflessiva, il presente contributo si pone l'obiettivo di attenzionare l'importanza per educatori e docenti di valorizzare la pratica autovalutativa nei contesti formativi al fine di incoraggiare lo sviluppo di competenze non solo cognitive, ma anche trasversali.

KEYWORDS

Soft skill; self-assessment; educators; orientation; training.
Soft skills; autovalutazione; educatori; orientamento; formazione.

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Introduction

In the dynamic and emergent nature of human action—shaped by rapid social, cultural, and technological changes—the educational system is increasingly called upon to function as a coherent extension of students' everyday lives. This involves integrating cognitive competencies with reflective, self-regulatory, and personal autonomy skills. Within this interpretive framework, the need emerges to enhance transversal competencies, or soft skills, through the joint efforts of all educational agencies and across all levels of schooling (ANVUR, 2014).

The pedagogical challenge lies in the design of instructional strategies capable of making education an accessible and transformative process, aimed at fostering individual potential (Calenda & Milito, 2020). Self-assessment, understood as a systematic practice of reflecting on the learning experience, represents a privileged tool for supporting the development of metacognitive skills and for facilitating the construction of both personal and shared meaning (Ausubel, 1995; Annacontini, 2017).

Self-assessment also plays a critical role in processes of empowerment, understood as the process through which individuals work towards and acquire greater self-awareness, developing confidence in their abilities, a sense of competence, and the capacity to influence their environment autonomously and responsibly. This translates into the ability to meaningfully shape one's own experiential trajectory (Pellerey, 2017).

The following contribution aims to explore the formative value of self-assessment, investigating its theoretical and methodological implications within a pedagogical culture that integrates competent and ethical action (Hadji, 2023). Starting from a critical analysis of the main theoretical frameworks that position soft skills as central to both personal and professional development, the paper offers a reflection on educational practices. The objective is to highlight how the promotion of self-assessment practices can act as a powerful driver for both individual and collective empowerment, contributing to the creation of more conscious, responsible, and meaningful educational pathways.

1. Soft Skills as Foundational Competencies for Personal and Educational Growth

Soft skills, a term now widely adopted in both educational and professional discourse, refer to a complex set of social, communicative, and relational competencies that shape individual behavior and interactions within social and work environments (Cegolon, 2023). Unlike hard skills—that is, technical and specialized competencies—soft skills are transversal and flexible in nature, capable of positively influencing performance across various domains of personal and professional life (ISFOL, 1994). Over the past thirty years, academic literature has increasingly enriched the debate on the promotion of soft skills, responding both to the evolving demands of the labor market and to the emerging needs of the social and civic spheres. The growing attention to non-cognitive competencies has led to the development of a diverse and sometimes fragmented theoretical and practical landscape, beginning with the wide array of terms used to describe these skills. This terminological plurality reflects on the one hand, the conceptual evolution of the construct, and on the other, the difficulty of consolidating such a complex and interdisciplinary reality into a single taxonomy (Iannotta, Ferrantino & Tammaro, 2022). One of the foundational documents that initiated the debate on the need to broaden educational horizons beyond the mere transmission of technical and disciplinary knowledge is the *Life Skills Education for Children and Adolescents in Schools* report, published by the World Health Organization (WHO) in 1993. In this pioneering document, the WHO introduced an innovative vision of education by providing guidelines for the implementation of programs aimed at developing life skills, defined as the psychosocial competencies necessary to effectively cope with the challenges of everyday life (WHO, 1993). The proposed approach assumes that personal, relational, and emotional abilities are critical determinants of individual well-being and success in educational, social, and professional contexts. In Italy, this perspective was adopted and further developed by the *Istituto per lo Sviluppo della Formazione Professionale dei Lavoratori* (ISFOL), which in 1998 formulated a conceptual framework centered on transversal competencies. This framework raised awareness within the fields of vocational training and education regarding the need to integrate learning dimensions focused on holistic personal development, emphasizing values such as flexibility, autonomy, cooperation, and problem-solving abilities. At the international level, additional relevant contributions have come from the *Organisation for Economic Co-operation and Development* (OECD). In its *Key Competencies for a Successful Life and a Well-Functioning Society* report (2003), the OECD identified a set of key competencies

considered essential for both individual well-being and the effective functioning of society. The emphasis placed on competencies such as the ability to act autonomously, use interactive tools, and operate within socially diverse contexts has underscored the central role of soft skills in lifelong learning processes. These priorities have also been formally acknowledged at the regulatory level within Europe, most notably through the Recommendation of the European Parliament and of the Council on *Key Competences for Lifelong Learning* (2006; revised in 2018). This document represents a key step in the institutional recognition of transversal skills, promoting an educational approach geared toward active citizenship, employability, and social inclusion. The eight key competences identified—among which are learning to learn, cultural awareness, and a sense of initiative and entrepreneurship—highlight how the development of soft skills has become essential to effectively respond to ongoing economic, technological, and cultural transformations. Among the relevant contributions in the academic and policy literature, the *Transferability of Skills across Economic Sectors* report (2011), produced on behalf of the European Union within the framework of the PROGRESS Programme (2007–2013) for employment and social solidarity, is particularly noteworthy. This document adopts the term "transferable skills", echoing the terminology previously introduced within the European Higher Education Area (EHEA) through the Tuning Project (2007). It explores the significance of these skills in relation to individuals' employability, adaptability, and mobility in the labour market. Transferable skills are defined as those competencies that can be effectively applied across different productive sectors to meet specific tasks; their degree of applicability is considered to vary depending on economic, legal, and logistical factors. The extent to which a skill can be transferred also depends on the individual worker's profile. According to the document's guidelines, transferability is conceptualized as a continuous variable—thus, it is not possible to establish a rigid distinction between transferable and non-transferable skills. Instead, the focus lies on assessing the degree of transferability of each skill (European Commission, 2011).

The report *Transferability of Skills across Economic Sectors* identifies twenty-two transferable skills, grouping them into five functional macro-areas, listed below.

- *Personal effectiveness skills*: These refer to an individual's ability to maintain high performance standards even under stress, instability, or pressure, demonstrating resilience and emotional self-regulation.

- *Relationship and service skills*: These involve the capacity to understand and anticipate others' needs, acting with empathy and sensitivity in interpersonal relationships and service-oriented contexts.
- *Impact and influence skills*: This category includes the ability to persuade, negotiate, and effectively advocate for one's ideas and opinions within both collaborative and competitive environments.
- *Achievement skills*: These describe the inclination toward proactivity, work organization, goal setting, and creative problem-solving.
- *Cognitive skills*: These concern the mental processes involved in analysis, critical thinking, and the development of solutions through logical and strategic reasoning.

Regardless of the specific taxonomies adopted, soft skills remain essential for effectively addressing the challenges of contemporary society. They support individuals in adapting to the rapid changes occurring in both professional and social contexts, enhance lifelong learning strategies, and improve quality of life by fostering meaningful and effective interpersonal relationships (Rossi, Peconio & Limone, 2022). As emphasized by the World Economic Forum (2016), these competencies serve as fundamental adaptive resources that enable individuals to navigate the complexity of daily life in a conscious and positive way. Considering the theoretical and policy frameworks outlined, soft skills have gradually assumed a strategic role within educational pathways, emerging today as indispensable components for the holistic development of the individual. In the contemporary context—deeply marked by complexity, globalization, and digital transformation—these competencies are no longer peripheral to technical and disciplinary training. Instead, they have become key enablers for lifelong learning, active citizenship, and sustainable employability. The growing relevance of soft skills is particularly evident in an era in which the speed of change demands ongoing adaptability, critical reflection, and self-regulation. Today's social, environmental, and labour-related challenges—ranging from climate change and digitalization to global mobility and public health crises—require individuals not only to possess up-to-date knowledge, but also to master cross-cutting abilities such as critical thinking, effective communication, emotional management, teamwork, and resilience.

Within this landscape, the education system is called upon to undergo a profound transformation, moving beyond transmissive and discipline-cantered models in favor of learner-cantered approaches that prioritize life skills development. Soft skills represent the foundation for a renewed pedagogy of wholeness, one that

integrates knowing, doing, and being. In both school and university settings, this entails the need to reformulate learning objectives, methodologies, and assessment tools to explicitly include the promotion of such competencies.

Teaching practices must promote experiential learning, metacognitive reflection, cooperative work, and active participation, fostering inclusive and stimulating environments that encourage autonomy and responsibility. From an educational standpoint, the development of soft skills also meets a broader ethical and social imperative: preparing individuals who are aware, respectful in their interactions, capable of understanding the complexity of relationships, and committed to building democratic and cohesive communities. As numerous studies have shown, these competencies extend well beyond the professional sphere. They form the bedrock for personal fulfilment, for managing life's challenges in a balanced way, and for engaging in inclusive and participatory citizenship (World Economic Forum, 2016; Rossi, Peconio & Limone, 2022).

Finally, in a context where artificial intelligence, automation, and hybrid work models are redefining the very concept of work, soft skills play a distinctive role in differentiating human competencies from those that can be replicated by technological systems. Empathy, ethical thinking, intuition, and the ability to construct meaning within specific contexts thus emerge as hallmarks of human intelligence, which education is called upon to safeguard and enhance.

In summary, promoting soft skills within educational pathways means contributing to the formation of individuals capable of navigating complexity with flexibility, critical thinking, and a strong sense of responsibility. In a world shaped by uncertainty, interdependence, and ongoing transitions, educating for transversal competencies is not only a functional response to labour market demands but also a cultural and social imperative aimed at building citizenship, cohesion, and a sustainable future.

This orientation is closely connected to the processes of individual and collective empowerment (Bruscaglioni, 1992), understood as the activation of personal and social resources to gain greater control over one's life, educational and professional choices, and active participation in society. The development of soft skills—such as self-awareness, emotional regulation, effective communication, decision-making, and resilience—forms the foundation of empowerment, as it enhances individuals' capacity to recognize themselves as competent, autonomous agents capable of influencing their own environments.

In educational settings, this calls for learning environments that not only transmit content but also nurture each person's potential, supporting processes of self-determination, agency, and accountability. From this perspective, soft skills should

not be viewed solely as adaptive tools for managing change, but as transformative levers capable of fostering emancipation, active engagement, and social justice.

The pedagogy of empowerment implies a student-centered learning approach, where learning is conceived as an active, participatory, and reflective experience. This model, inspired by the contributions of authors such as Freire (1970) and Mezirow (1991, 2003), promotes a dialogical and problem-posing education capable of developing critical consciousness and strengthening students' ability to understand reality, take a stance, and act in transformative ways.

Within this framework, soft skills are not merely functional competencies for the labour market; they are also pedagogical tools that foster empowerment, enhancing self-esteem, agency, personal efficacy, and social responsibility. Higher education should therefore aim at the integrated development of cognitive, emotional, and relational dimensions, through educational paths that bring together theory and practice, academic knowledge and lived experience, disciplinary content and active citizenship.

The university is thus positioned as an educational community capable of generating empowerment, to the extent that it promotes inclusive, cooperative, and reflective learning environments, where students are recognized as competent individuals and co-constructors of their own educational journeys (Massa, 2014; Demetrio, 1999). Investing in soft skills, therefore, goes beyond a performative logic and is part of a broader project of education for freedom and participation, aligned with the principles of democratic and transformative pedagogy (Biesta, 2006; Nussbaum, 2010).

2. Self-assessment as a tool for empowerment

As precisely described in the first part of the work, in the paradigmatic evolution of pedagogy, the person in their entirety is at the center of the learning process. In educational processes, the focus shifts from knowledge and skills ("knowing how to do") to the need to read and understand the complexity of action (Ciappei & Cinque, 2014). In recent years, there has been an emphasis on ensuring that schools are characterized as a continuum with students' daily lives, valuing not only cognitive skills but also reflection, self-regulation, and autonomy. The promotion of soft skills involves all educational agencies and, naturally, all levels of schooling, so that students can acquire generic skills such as *critical thinking*, the ability to solve new problems, and *decision-making* skills in rapid timeframes and under risk

conditions; as well as the ability to communicate orally and in writing (ANVUR, 2014).

In this scenario, marked by countless transformations, it is a priority for pedagogy to develop didactic and training models that make the best possible educability feasible (Calenda & Milito, 2020). There is a recognized need to redefine and propose educational strategies that, by leveraging personal reflection, are effective in guiding individuals.

This means creating the conditions for developing the ability to design the future, by acting to foster self-awareness regarding the perspectives and dynamics of meaning that characterize everyone's trajectories (Lo Presti & Tafuri, 2020).

Based on these foundational principles of current pedagogical training, inviting self-assessment reflection, in terms of established practice, can be a key tool to promote the development of transversal skills and support meaningful learning (Ausubel, 1995). From early childhood, introducing self-assessment practices can represent an element of innovation and growth for educators and teachers, who are tasked with guiding children on a journey of self-discovery and understanding of the world, fostering greater awareness and essential life skills. Self-assessment can «promote, through a constructive dialogic act of emerging rationalities, specific abilities of self-reflection (making explicit the implicit) and reflection (critical choice) on the cultural heritage of one's experiences and beliefs developed over a lifetime, while also looking towards existential planning (Annacontini, 2017, p. 67). If it is true that in educational systems the centrality of skills, in terms of life and soft skills, represents a crucial element for personal development and guidance in the life, professional, and social paths, this implies the need to deepen the understanding of their roots throughout the entire process, starting from early childhood.

In fact, recognizing the polymorphic nature of competence, it is impossible to adopt a single perspective of observation; instead, it is necessary to activate and combine multiple analytical perspectives to provide a comprehensive and integrated picture of the individual's competence. The methodological principle is triangulation, according to which, to understand a complex reality, it is necessary to compare different levels of observation, allowing for a detailed and multi-perspective reconstruction of the object of analysis. The comparison between different viewpoints objective, which highlights the observable manifestations; subjective, which captures the personal meaning attributed by the learner; and intersubjective, related to social expectations and hopes (Pellerey, 2004), enables us to grasp the essence of the object of observation (Castoldi, 2012).

Thinking in terms of competencies not only as generic skills but as foundational for self-reflection and the individual's determination, a significant role is undoubtedly played by the subjective dimension, which highlights the personal perception that the individual attributes to their learning experience, providing instructional guidance regarding the appropriateness of solutions to complete tasks. This implies an auto-evaluative stance, which synthesizes how the individual observes and judges their learning experience, as well as their ability to respond to tasks within the context of the realities in which they operate (Notti & Tammaro, 2023).

In this direction, the focus is on the person's growth journey, and increasing emphasis is placed on empowerment (Pellerey, 2017).

In fact, the main goal of an educational action is to guide the individual towards the realization of an educational project capable of satisfying their needs without neglecting the reference context (Regoliosi & Scaratti, 2002). During this process, the role of the educator or teacher is to offer multiple and diversified solutions, seeking, where possible, to promote awareness among the individuals involved regarding the specific situation they face (Bagnato, 2017). The role of an educator is not simply that of a facilitator, but also to propose suggestions or information, possible solutions, and, where the context allows, to enable users to acquire knowledge and skills that can help them exercise their autonomy. All of this relates to a fundamental and cross-cutting concept in every planning action: the construction of empowerment (Tiso, 2024).

When referring to the concept of empowerment, it is done with the awareness that there are different levels and meanings: an individual level, an organizational level, and a social community level. Although all are intrinsically connected, the individual level, more than the others, is stimulated by the educator's action, whose primary goal is to make the individual empowered, that is, aware of their potential and able to use it effectively; this person is confident in their abilities, capable of managing conflict, and willing to take responsibility (Mayer, 1991). The main responsibility is to make decisions consciously; from this perspective, empowerment can rightly be considered as «the link between training and change» (Bruscaglioni, 1992, p. 23). The ultimate goal of any training, therefore, is to give individuals new options to choose from, without excluding the outcome of «maintaining their current situation, but with more satisfaction and consistency, if there is a possibility of choice» (Bruscaglioni, 1992, pp. 29-30).

Empowerment, understood in its sense of individual strengthening, is relevant both as a process and in terms of results. It indicates a "knowing how to be" and a "knowing how to do" that takes shape in a condition characterized by self-confidence, perception of competence, and the ability to experiment and confront

the surrounding reality. It translates into a state of expanded possibilities for active control over one's own life: therefore, empowerment promotes personal development by fostering the balance of one's personal, social, and work-related skills (Pellerey, 2017).

Taking empowerment as a horizon, it becomes a priority to question the purposes of educational actions and the methodological and technical implications of interventions. From this perspective, educational actions aim to strengthen the power to choose, placing the individual at the center as an active builder of their own learning process.

The principles of Dewey's democratic school and the centrality of the influence of social progress on the development of constructive learning are absolutely relevant to the educational needs of a globalized society (Spadafora, 2015). In fact, the importance of implementing an active and constructive teaching-learning process, in relation to the social dimension of the individual, is emphasized in numerous educational research and national and international documents. Just think of the construct of competence, on which the entire national and international education system is based, which refers not only to cognitive resources but also to the ability to act, to be able to act, and to want to act (Le Boterf, 2008).

Another tangible example is found in the Fields of Experience and the National Guidelines (2018), which highlight the need to build a learning environment capable of valuing students' experiences and knowledge, anchoring new content to them; fostering exploration and discovery to promote a taste for seeking new knowledge; encouraging collaborative learning; and promoting awareness of one's own learning style to learn how to learn. Dewey (1938), in his various writings, proposed a conception of didactics that was very advanced for his time and entirely aligned with current research. Today, in particular, didactics is no longer considered merely as a practical or applicative discipline but as an educational science with its own epistemological status, reflecting on the relationship between pedagogical theory and didactic practice, between learning content and the development of the learner, and between environmental conditions, space, time, relationships, and processes of socialization and learning (Franceschini, 2023).

In *Research Methods in Education*, one of the most authoritative and widely cited texts on research methodology in education (Cohen, Manion & Morrison, 2007), the authors address, among other topics, the issue of research validity, presenting its various meanings. In particular, for catalytic validity, the authors refer to the research's ability to activate a drive for real improvement in educational practices. This conception of validity is linked to the thought of "critical pedagogy," represented by Freire, Foucault, Gramsci, and other authors, whose common

thread is the commitment to dismantle forms of oppression and power within educational processes. Critical pedagogy does not accept the idea that the value of educational processes should be primarily measured by their capacity to equip learners with the skills necessary to enter the productive world, conforming to the dominant thought. Conversely, this approach believes that the central role of institutions and educational processes is the development of critical thinking and the willingness to engage in efforts to improve society. In Freire's (1968, 1996) thought, for example, critical consciousness does not develop solely through intellectual effort but requires praxis a union of action and reflection. The ultimate goal of critical pedagogy, therefore, is deliberately political: the emancipation of individuals and groups within a just and egalitarian society. If we assume that the ultimate aim of educational research is to promote emancipation, autonomy, and freedom within a just, fair, and democratic society, then catalytic validity should permeate every educational research. In this perspective, the centrality of the ethical dimension in the research process is reaffirmed, because researchers are called to continually reflect on their responsibilities.

Against this backdrop, the use of self-evaluation strategies can have significant formative and metacognitive value, serving as a foundation for action toward change. Self-evaluation pathways offer opportunities to reinterpret and assign meaning to one's own experience; they are occasions to reclaim one's personal journey and take responsibility for improvement, helping to build «islands of consensus in the sea of opinion diversity» (Berger & Pedrazzini-Pesce, 2006, p. 69). Some studies emphasize that self-evaluation in schools allows one to «reconnect with the pedagogical and didactic dimensions of school life, in a way and with an intensity that no external evaluation could ever offer» (Berger & Pedrazzini-Pesce, 2006, p. 7). It can therefore be likened to a "time-out" in sports: a pause during which actions are analyzed and reorganized with a view to improvement. Self-evaluation is highly important because it stimulates dialogue, transformation, and the reconstruction of conceptual frameworks, as well as the attribution of meaning to experience and mutual understanding. Its main strength lies in its ability to encourage participation, mutual exchange, discussion, and self-questioning.

Reflectivity, exercised through self-evaluation processes, leads education professionals to critically examine their routines and professional environments, positioning itself as a «tool capable of reestablishing a harmonious relationship between routine and change» (Nuzzaci, 2014, p. 59).

Mediated by reflectivity, the culture that emerges from self-evaluation can "stir the waters", creating virtuous cycles of learning in which the capacity for self-assessment regenerates itself. In this sense, self-evaluation is undoubtedly aimed

at improving quality, but it also pursues another fundamental goal: transforming the school into a learning organization, contributing to the construction of a deeply rooted culture of change (Zanazzi & Ferrantino, 2021).

Being able and willing to evaluate oneself, as individuals, groups, and organizations, means supporting a progressive process of constructing not only the expected “products,” but also one’s self-image as people engaged in a learning journey (Mariani, 2013).

Conclusions

How, then, can we educate for self-evaluation?

The question is certainly ambitious, and to begin to define it, it is useful to refer to the two central dimensions of the evaluative/formative process: that of competent action and that of ethical action (Hadji, 2023).

In order to make self-evaluation an operational habitus, one must first of all develop a mindset about evaluation one that necessarily engages with ethical questions before methodological ones. In this sense, the “why” dimension must engage in a circular dialogue with the “how”.

This approach requires distinguishing what is observable from what is not, recognizing the limits of evaluation and avoiding the risk of assessing what is easy to evaluate while overlooking what is pedagogically more significant but harder to investigate empirically (Montalbetti, 2024).

Therefore, it is necessary to proceed with a higher-order principle: engaging in questioning and practicing the experience of questioning itself. What does this mean? It means justifying choices not only by offering explanations, but by providing strong motivations to ground those choices.

The evaluator’s perspective must always be goal-oriented where, in the educational and formative domain, the goal can only be the commitment to support the holistic development of individuals and contexts, combining *educational evaluation* (Scriven, 1991) with *empowerment evaluation* (Fetterman & Wandersman, 2007). This requires education professionals to act with a problematizing approach, engaging with the uniqueness of each educational event, and challenging the notion that the complexity of educational action prevents responsible evaluation. Self-evaluation addresses an intrinsic need, helping individuals respond to an identity level (“*What values guide me? In which direction can I go?,...?*”) and on a practical level because only by asking questions can we determine whether our

actions address unmet or partially met needs, improve interventions, and ensure accountability for how resources are used (Rissotto, Alvaro & Rebonato, 2006).

From this perspective, the role of the evaluator (educator/teacher) clearly resonates as that of an agent working for empowerment and as a mediator between perspectives.

It is important to emphasize that highlighting the dimensions of empowerment and mediation does not diminish the value of methodological competence, on the contrary, it reinforces it and repositions this *know how* within a broader framework of meaning that gives purpose to evaluation (Montalbetti, 2024).

An evaluation culture grounded in method certainly offers protection against improvisation; however, without the self-evaluative dimension of reflection, it remains self-contained.

It is reflection that allows for the critical examination of the characteristics of experience and the meaning of the process, without ever losing sight of the original assumptions.

Properly understood, reflection does not become mere self-contemplation or inward retreat, but rather an opportunity to engage in dialogue with others within a framework of intersubjectivity and shared responsibility.

Such actions, when promoted in educational settings from early childhood as a *modus operandi* in a continuous *learning by doing* process (Dewey, 1938), foster self-determination and self-regulation as fundamental dimensions for personal development and for directing one's path in learning, work, and everyday life.

Self-determination and self-regulation constitute strategic competencies for designing and realizing one's self, in terms of developing a progressive and substantial life project personal, cultural, social, and professional that the individual is capable of carrying out in a coherent and systematic manner, within a meaningful and existentially grounded framework (Pellerey, 2006).

Author contributions

This contribution is the product of the collaborative efforts of the authors. Nevertheless, the introduction and conclusions can be attributed to Rosanna Tammaro, paragraph 1 to Iolanda Sara Iannotta, and paragraph 2 to Concetta Ferrantino.

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