# ISCTE 🐼 Business School Instituto Universitário de Lisboa

### GENERATIONAL AND AGE DIVERSITY IN A PORTUGUESE HOTEL CHAIN

Rita da Silva Lopes Milho

Dissertation submitted as partial requirement for the conferral of Master of Science in Human Resource Management

> Supervisor: Doutora Sara Cristina Moura da Silva Ramos, Assistant Professor ISCTE Business School – Instituto Universitário de Lisboa

> > October, 2016

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### Acknowledges

First of all, I would like to thank to my special thesis supervisor Professor Sara Ramos, that every time gave me an amazing support and was always available for me. For all the hours spent, for all the calls, messages, email and meetings that we had. Always comprehensive, friendly, worried and nice to me, shared her ideas and absolutely guided me through this year. A big thank to my biggest support and encouragement.

To Inês Sousa that, with no necessity or obligation at all, helped me very time I needed and listen my outpourings with inexhaustible patience. For the lots of hours spent with me and the support in various phases of the study. She was basically my co-supervisor and was always my shelter. Without Inês I would never reach this goal with confidence.

Thank you to all of my family and friends. Thanks to my boyfriend, my parents, my brother and all the rest of the family for the support and understanding shown during this time. I promise to reward them by the time I have been missing.

To my work colleagues and my chief that understood my absences and hard days, giving me them support, ideas and encouragement. They always believed even more than me.

Last but not least, a huge acknowledgment to my wonderful friends Inês, Catarina and Joana that always motivated and trusted in me, as I trusted in them. Thank you my dears!

### Abstract

Having three generations working together, side by side, is a great challenge to organizations of today, not only in Portugal but in almost every country of European Union.

Our aim with the present study was to compare the actual versus perceived differences between generations, in terms of some workplace characteristics. We also aimed to test if Age Diversity Climate, a recent construct on literature, was related to Commitment. Once our study is focused only on tourism sector, to study the concepts and theories mentioned above we applied a survey on a Portuguese hotel chain, where we had a total of 98 participants.

Our main results reported that the employees of diverse generations have more perceived differences between them than actual ones. This probably leads to the conclusion that rooted stereotypes prevail above the actual differences. Another important result showed that Age Diversity Climate is a good predictor for Commitment whereby the company should focus its attention on promoting Human Resources Management practices adequate to all the generation cohorts. However, the company should give a bit extra emphasis on practices directed to older workers, once this generation value it more than others.

The major limitation of our study is that the analyzed sample is small and could be not representative of the rest of the company, and of the other organizations present in Tourism sector. We suggest that hereafter the future research could test these differences and correlations on a more extensive target and confirm, or not, our results and conclusions.

Key-words: age, generations, differences, commitment

### Resumo

Ter três gerações a trabalhar juntas, lado a lado, é um dos maiores desafios das organizações hoje em dia, não só em Portugal como na restante União Europeia.

O nosso objetivo com o presente estudo é comparar as diferenças reais com as differenças percebidas entre gerações, em termos de características do local de trabalho. Também pretendemos testar se o Clima de Diversidade Etária, um construto recente na literatura, está relacionado com o Compromisso. Uma vez que o nosso estudo é focado unicamente no setor do Turismo, para analisar estas temáticas dirigimos um questionário a uma cadeia hoteleira portuguesa, onde participaram 98 trabalhadores.

Os nossos principais resultados reportaram que os colaboradores das várias gerações percecionam mais diferenças do que as que realmente existem entre si. Outro resultado importante mostra que o Clima de Diversidade Etária é um bom preditor do Compromisso, pelo que a empresa deve focar-se em promover práticas de Recursos Humanos para todos os grupos geracionais. No entanto, a empresa deve focar-se um pouco mais em práticas direcionadas aos mais velhos, pois estes parecem valorizar este Clima de Diversidade Etária mais que as restantes gerações.

A maior limitação do nosso estudo deve-se ao facto de termos uma amostra reduzida que poderá não ser representativa da restante empresa ou mesmo de outras organizações do Turismo. Sugerimos que em estudos futuros sejam testadas estas diferenças e correlações num contexto mais extenso de forma a confirmar, ou não, os nossos resultados e conclusões.

Palavras-chave: idade, gerações, diferenças, compromisso

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### Introduction

Age is one of the most salient characteristics of the population and it has been studied for many years. However, studying age is becoming each day more important once this demographic characteristic has been suffering many changes over time. Currently, research has been studying the concept of ageing. Ageing is, according to International Labor Organization (ILO) (in Magazine World of Work, 2009), a process which rises the percentage of old people within the total population. Ageing is one of the major problems of this century and one of the markets that it is impacting is labor market. According to International Labor Organization (ILO) (in Magazine World of Work, 2009), this issue affects or will affect both developed and developing countries and it is a thematic present on the agendas of diverse meetings of many organizations. The ageing population is already influencing Portugal, as the entire European Union. It is a phenomenon that rises from the combination of various tendencies being two of the most important: the birth decline and increased longevity. Logically, if the population in general is getting older, the workforce will follow the same tendency. By the fact that youth is simultaneously postponing the start of their careers (increasing their qualifications) and the retirement age is continuously increasing, the medium age of the working age population is definitely increasing. Due to the mentioned trends, the workforce starts to be composed by employees from around 20 years old until maybe 66. This will lead to a situation where we can have three or even four generations working together, which could raise other issues. Literature proves us that our ideas, opinions, desires, and motivations change with our age. So, in order to efficiently manage human resources it is needed to continuously study these themes in various contexts.

The present dissertation pretends to contribute to learn more about the generations and their differences, preferences and expectations. It is integrated on an International Study that is being conducted in different countries by a multidisciplinary research team (coordinated by Professor Rhetta Standifer).

### I. Literature Review

### 1.1. General relevance

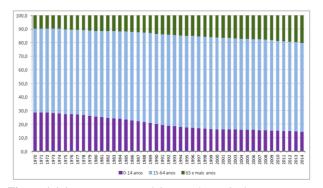
Nowadays, one of the most evident tendencies of demographic evolution is related to an ageing population (Ramos, 2015). Not just in Portugal, but in the entire European Union (EU), the population is getting older and the medium age is highly increasing. This phenomenon is both influenced by the birth decline and increased longevity (INE, 2015). Accordingly to the "World Population Ageing 2013" (INE, 2015), population ageing is progressing rapidly in many of the EU countries.

These changes in demographic characteristics are deeply important to Portugal once, according to INE (Statistics Portugal) and Pordata, the country has:

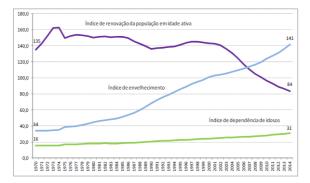
- The 5<sup>th</sup> higher ageing index (143,9% in 2015 Pordata, 2016)
- The 3<sup>rd</sup> lower renewal rate of the working age population (that represents the number of people with the age of entry in the labor market and the number of people with the age of leaving the market was 84 (number) in 2014 INE, 2015)
- The 3<sup>rd</sup> largest increase in median age between 2003 and 2013 (increasing 4,1 years, from 38,5 to 42,6 median age Pordata, 2016)
- The 4<sup>th</sup> higher proportion of elderly (20,3% in 2014 INE, 2015)

Mentioning the report "World Population Ageing 2013" (INE, 2015), "the global proportion of people with more than 60 years old increased from 9,2% in 1990 to 11,7% in 2013, and is expected than continues to grow, reaching 21,1% in 2050". In numbers, this means that people with more than 60 years old could double and the elders with more than 80 years could became the triple, during 2050.

Specifically in Portugal, it was found three consequences of the simultaneously "birth fall" and increased longevity: decrease of younger population (0 to 14 years old), decrease of working-age population (15 to 64 years old) and increase of elderly people (more than 65) (INE, 2015). All these tendencies, show that ageing is one of the Portuguese bigger social issues to the next years.



**Figure 1.1.1.** *Age structure of the population by large age groups (%), Portugal, 1970-2014* (Source: INE, IP, Annual estimates of the resident population, 2014)



**Figure 1.1.2.** *Aging index, elderly dependency ratio and refresh rate of the working age population, (N°), Portugal, 1970-2014* (Source: INE, IP, Annual estimates of the resident population, 2014)

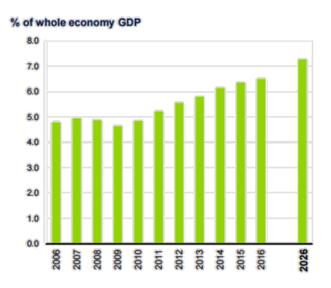
As Ramos (2015) mentioned, these demographics changes lead to a potentially growing of medium age to working population, which highlights the need to rethink, globally, employment practices and the organizational human resource management policies.

All the facts previously presented show the social relevance behind the current study, and support the importance of this thematic. However, it is not only the social relevance that matters but also its theoretical pertinence. Therefore, one considers that ageing at work and generational discrimination are issues still understudied (when compared with gender or ethnical differences that have much more support on the literature). Taking this into account, there is also no consensus about how Human Resources professionals should deal with this topics, namely with the differences between generational cohorts which, day by day, have increasingly work together. These need of having different ageing groups working side by side reveals another difficulty to Human Resources Departments, which Ramos (2015) alerts that is related to the changes in motivations of the employees during their age settings, being these aspects still understudied.

The main purpose of our research, is trying to provide some important inputs to explain these topics and also try to explore some guidelines to Human Resources Management in Portugal. The current study will just focus on Tourism sector once, as Sezerel and Tonus (2014) mentioned in their study, hotel industry should be a field to observe. Due to its environment, the hospitality industry – especially the hotel sector – is considered to be multicultural and composed of a greater diversified workforce (...) these features positions the hotel industry as a promising field to study (Sezerel & Tonus, 2014). Simultaneously, to the fact that Tourism sector – more specifically hotel – be an area to examine in terms of generations, this sector is also growing in Portugal. According to data

from *UNWTO* (the World Tourism Organization), there was an increasing of 4,4% on international tourists during 2015. The revenues from this increment, to Portugal, were 9,3% higher than in 2014, according to *Banco de Portugal* (INE, 2015). In INE (2015), is possible to see that the first semester of 2016 are also following the growing tendency, increasing 10,2% over the same period of 2015, being this June the best since there is records (last 10 years).

According to *World Travel & Tourism Council* – *WTTC* – (cit in "*Diário de Notícias*", 2016), in the ends of 2015, tourism and transportation represented 7,9% of employment in Portugal (363 thousands of jobs). To the present year, *WTTC* expected that the number of employees raises to 441 thousand, which will represent more 4,6% jobs than the year before. However, the total contribution of this industry should be even bigger, reaching 915 thousand jobs (22%) divided by: hotels, travel agencies, transports (except shuttle journeys), airlines and entertainment business for tourists. The WTTC reveals that, in the last five years, this sector is growing at a faster rate than the own economies. About the impact of tourism and travels in GDP (Gross Domestic Product), *WTTC* estimates that during 2015 it has contributed around 11,3 billions of euros (6,4% of richness). For 2016, it is supposed to increase to values of 14,6 billion (more 2,2% than 2015). All these characteristics of Tourism sector makes it so special and interesting to study.



**Figure 1.1.3.** % of whole economy GDP – Direct Contribution of Travel & Tourism to GDP (Source: WTTC, 2016)

#### 1.2. Demographic changes and generations at work

These demographic evolutions have been impacting not only the society in general, but also the organizations and their workforce. By the fact that the older employees need to work longer because the retirement age is continuously getting higher, the consequence is the increasing of medium working age population. These changes are leading to a moment where we have three or even four generations working together (Lester, Standifer, Schultz & Windsor, 2012), and that could raise other issues and difficulties to human resources management teams. Lester et al (2012) also mentioned that nowadays with such a diverse workforce, it is necessary for different generations to work side by side and interact together effectively. However, not everybody perceive, accepts and value the HRM policies in the same way and different groups of workers deal with them differently (Ramos, 2015). Obviously, these dissimilarities will lead into some issues, once employees from various generations may have different desires and expectations of what they want from the workplace (Lester et al, 2012). The same authors also referred, these differences could be about intrinsic and / or extrinsic factors. Maybe now becomes the question: But after all, what is a generation? There are many definitions to Generation varying with the authors and seasons. One of them, emerged during 1998 and was reinforced in 2007, defined Generations as a social construction in which individuals born during a specific time period experience, and are influenced by, historic and social circumstances in such a way that these experiences differentiate one cohort from another (Jurkiewicz & Brown, 1998; Sessa, Kabacoff, Deal, & Brown, 2007).

About the division of employees in various generations, the authors have also many opinions. Is frequently accepted by the majority of the authors that are four generation cohorts in society nowadays. However, there are some different interpretations about the time range used to characterize each group and its designation (Faria, 2014). One that revealed more consensus and was used in the present dissertation, is the division that Schullery (2013) mentioned: Traditionalists (born prior to 1946), Boomers (born between 1946 and 1964), Generation X (born between 1965 and 1981) and Generation Y or Millennials (born after 1982). Being in 2016, Traditionalists will be workers with more than 70 years old, so this generational cohort will not be taking into this study. So, was assumed that currently we just have three generations working together.

#### **1.3.** Actual Differences versus Perceived Differences

Now that we already defined Generation and divided the employees according to it, we can question: are these three generations so different from each other? Or will they *perceive* more differences, between them, than the *actual* ones? Schullery (2013) defended that were found significant differences regarding job values between Generation X and Millennials. Results of Schullery (2013) shows that Generation X is the generation that give more importance to extrinsic components (such as salary). Lester et al (2012) found differences between generations in terms of email communication, social media and fun at work, being Generation Y the one that most values these three components at the workplace. The same authors revealed that Boomers significantly prefer face-to-face communication with the other colleagues, when compared to Generations X and Y. In contrast, Lester et al (2012) state that an investigation of perceptual dissimilarities

across the generations highlights the mistaken opinions each generation holds from the other. Several of these misconceptions are line up with the strong stereotypes that are rooted in our culture and lifestyle, and are basically related to the way workers communicate. According to Lester et al (2012) reading, what all five actual value differences (founded in their study) share each other is that they are expected to affect how coworkers interact with one another. These interactions affect the opinions they hold and consequently may lead them to reach an incorrect conclusion that emphasizes generational stereotypes (2012). If we agree that are much more perceived differences between generations than the real ones, it seems logical that both employees and managers could benefit from this awareness (Lester, 2012). The more similarities workers find between them, the more they approach each other. Having this opportunity, we decided to study the thematic for trying to prove this statement and approach generations. So, the first hypothesis that will be tested, is:

*Hypothesis 1: There are more perceived value differences between generations than actual value differences* 

#### 1.4. Age Similarity Preference

As it was referred above, many companies currently have three or even four generations working side by side, and as Avery, McKay and Wilson (2007) revealed, the older is becoming the workforce, more diversity will emerge in it. However, this situation leads to another possible issue related to the hypothesis of employees do not like or want to engage in age-diverse interactions, preferring to work with people similar to their age. This preference (or not) to work with others similar to the own age was described by Standifer et al (2012) by the concept of Age Similarity Preference (ASP).

The Age Similarity Preference could be explained in different ways. To Standifer et al (2013) some possible explanations to why workers have such a preference lie in relational demography and theories as similarity-attraction, self-categorization, and social identity theory. Social demography holds that individuals compare their external characteristics, namely age or gender, with their colleagues and that perceived similarities influence their work attitudes and behaviors (Hogg & Terry, 2000; McGuire et al., 2007). From this comparison, individuals categorize themselves and others into groups using for that meaningful and salient dimensions to them, as age (Avery et al., 2007). These categories could be applied when workers intend to distinct themselves from others, defining them and coworkers as in- or out- group members (Avery, McKay & Wilson, 2007). Having these statements into account, we can say that "age cohorts" are one of the possible social categorizations recognized in literature (Ashforth & Mael, 1989; Tajfel & Turner, 1985). Standifer et al. (2013) also state that social identity theory would propose that, when interacting with others an out-group association will result in a higher possibility of negative stereotyping that emphasizes differences instead of similarities (Ashforth & Mael, 1989; Tajfel & Turner, 1985).

According to Avery et al (2007), some consequences of higher age similarity are a better technical communication within groups (Zenger & Lawrence, 1989), less tendency to turnover (O'Reilly, Caldwell, & Barnett, 1989; Sacco & Schmitt, 2005), increased organizational citizenship behavior (Chattopadhyay, 1999; Riordan & Weatherly, 1999), reduced conflict (Jehn, Chadwick, & Thatcher, 1997; Pelled, Xin, & Weiss, 2001), greater involvement (Hobman, Bordia, & Gallois, 2004), higher peer-rated performance (Zalesny & Kirsch, 1989), and enhanced job challenge and person– group fit (Kirchmeyer, 1995).

Kunze et al (2013) reinforced that age similarity leads to better communication both within a working group and also between employees (with similar age) of different groups.

As Standifer et al (2013) argue that these groups, based on age, allow individuals to make attributions about coworkers, their values, and their attitudes. Thus, the ones identified as "similar" are assumed to hold similar values and attitudes (Avery et al, 2007; Tajfel & Turner, 1985). However, Avery et al (2007) highlights that being dissimilar to one's coworkers in terms of age makes it a characteristic even more relevant (Randel, 2002), which consequently leads employees to pay greater attention to age differences and identify more with their similar-age peers than with their coworkers in general (Chattopadhyay, Tluchowska, & George, 2004; Riordan & Weatherly, 1999). In conclusion, co-workers with similar ages tend to attract each other and create groups based on similar stages of private lives (eg: having young children) and /or on historical moments (eg: growing up in the internet age), leading to more groups inside organizations (Lawrence, 1988 – cit in Kunze et al, 2013). The social categorization referred above, leads, according to Kunze et al (2013), to higher interactions between age peers, being them professional or personal ones.

The question that rises now is if the Age Similarity Preference correlates with age and, if there is correlation, is the preference per pears more frequent among younger or older workers? To Standifer et al (2013), Age Similarity Preference reveals to be more frequent among younger employees than in older ones. So, the second hypothesis of this dissertation is:

Hypothesis 2: ASP (Age Similarity Preference) is negatively correlated with age: is higher among young employees than in older ones

#### 1.5. Commitment and Age Diversity Climate

Even ten years ago, in 2006, Burke and Ng stated that "the trend towards managing diversity is no longer a "nice to do" but an economic imperative (...) organizations should ensure that valuable human resources are not wasted because of discriminatory practices". This requirement of fair and nondiscriminatory Human Resources Management Policies is each day more important for the companies, as consequence of the mentioned demographic changes that are happening in European Union, and specifically in Portugal. The way people of different ages behave in the organizations is, in general, related to the HRM practices of the company (Combs, Liu, Hall, & Ketchen, 2006; Schalk et al, 2010). HRM practices are, according to Pinto et al (2015), tools that support the management of attitudes, behaviors and performance of human resources in order to achieve organizational goals. According to Kunze, Boehm and Bruch (2013), another great influencer of how workers behave in organizations is the way top managers perform and hold or not stereotypes. As Carmeli (2008) said top managers' attitudes and actions are understood as desired behaviors among employees. Taking this statement into account, Kunze et al (2013:414) completed that "negative age stereotypes of the top managers and diversity-friendly human resource (HR) policies (...) might aggravate and attenuate, respectively, the social-identity and social-categorization processes negatively affecting performance in age-diverse organizations".

To Finkelstein and Farrell (2007), there are three dimensions of age bias: "stereotyping" (there is the cognitive component), "prejudice" (there is the affective component), and "discrimination" (there is the behavioral component and the one focused on this study). To Kunze, Boehm and Bruch (2013:414), "high levels of age diversity are leading to social fragmentation between different age groups, fostered by social identity (Tajfel & Turner, 1986) and social categorization processes (Turner, 1985 – cit in Kunze et al, 2013), which may then lead to increased levels of discriminatory behavior between different age subgroups impairing organizational performance (Kunze et al, 2011)". As Guillaume et al (2013 – cit in Bieling & Dorozalla, 2014) mentioned, organizations should provide a diversity climate in order to potentiate the benefits of diversity and diminish its negative effects. Focusing on the growing of age diversity, Guillaume et al (2013 – cit in Bieling & Dorozalla, 2014) deepened his previous explanation and stated that organizations need to implement a climate in which employees of all generations are

seen positively to get "diversity at work to work". In a more general term, Sezerel and Tonus (2014:355) defined diversity climate as "the perceptions and attitudes of individuals towards the differences among employees in the workplace". Specifically, about age diversity climate, Bieling and Dorozalla (2014) clarified it as "employees' individual perceptions of the policies and practices that communicate the extent to which fostering age diversity and eliminating age-related discrimination is a priority in the organization (Pugh et al., 2008 – cit in Bieling and Dorozalla, 2014), in determining employee attitudes and behavior."

So, raises the question: Are age diverse companies generally promoting a positive or a negative age climate? To Kunze et al (2013) in age-heterogeneous companies (...) age is expected to become a more relevant factor of social classification, which increase negative age-discrimination climate, described on social identity (Tajfel & Turner, 1986) and social categorization arguments (Turner, 1985 – cit in Kunze et al, 2013) like was mentioned on previous hypothesis support. Age discrimination climate is basically the opposite of age diversity climate but in the negative approach. One possible definition for negative age-discrimination climate was presented by Kunze et al (2011:266) and says "it is an emergent construct that reflects group members' shared perceptions (Kozlowski & Klein, 2000 – cit in Kunze et al, 2011) of the fairness or unfairness of organizational actions, procedures, and behavior towards different age groups". Have this definition into account, Kunze et al (2013) assumed that negative age-discrimination climate could have two major explanations: organizational procedures and systems that are unfair (e.g. the firm's HR system) and/or interpersonal interactions and occasions (e.g. between employees or between employees and supervisors).

The creation of subgroups based on age, will lead into some problems and possible division of employees. For example, as Tajfel's (1970 – cit in Kunze et al, 2013) referred the appearance those subgroups almost automatically leads to in-group favoritism and out-group discrimination. Kunze et al (2013) even develops more and defends that when occurs such grouping, a drop in social integration might happen, also as mutual feelings of age-based discrimination. For example, supervisors and/or colleagues could not promote a fair allocation of tasks between different generations, and career opportunities or performance assessments might be seriously age-biased. Ultimately, if the social integration among different age cohorts is low, age-biased practices, procedures, and behaviors become more acceptable and frequent in the organization, ending in a global climate of age discrimination (Kunze et al, 2013).

As mentioned above, the two main organizational factors that we assumed to higher contribute (negatively or positively) to discriminatory behaviors are: age stereotypes of the top managers and diversity-friendly human resource policies. By opposite, diversity climate is promoted through leadership behaviors and HRM practices (Bieling & Dorozalla, 2014). Focusing on the second one, Kooij et al (2010) stated that employees understand the HRM practices as an investment in them and as a recognition of their performance and efforts. So workers feel they should return that investment through positive attitudes towards the organization (Kooij et al, 2010). An outcome of the support perceived from an organization is the Commitment of employees (Eisenberger, Huntington, Hutchinson & Sowa, 1986; Stettoon, Bennett & Liden, 1996 - cit in Pinto, Ramos & Nunes, 2015). A possible definition of commitment, was state by Meyer and Herscovitch (2001), and says it is a "force that binds an individual to a course of action of relevance to one or more targets". As mentioned by Jaros (2007), there is a threecomponent model of commitment, developed by Meyer and Allen in 1997, which proposes that Commitment has three simultaneous mindsets: Affective, Normative and Continuance organizational commitment. Jaros (2007:7) characterized this three components as: Affective Commitment as the "commitment based on emotional ties the employee develops with the organization primarily via positive work experiences"; Normative Commitment as the "commitment based on perceived obligation towards the organization (as norms of reciprocity)"; and, Continuance Commitment as the "commitment based on the perceived costs, both economic and social, of leaving the organization". Although commitment is considered to be composed by these three items, Meyer et al (2002) declared that Affective Commitment Scale (ACS) is a great predictor of turnover when compared to variables as Normative Commitment Scale (NCS) or Continuance Commitment Scale (CCS). Previously, Meyer and Herscovitch (2001) had already defended that Affective Commitment Scale, tends to strongly correlate, in a negative way, with absenteeism and, positively, with job performance and citizenship behaviors. Having these citations into account, one have decided to focus on study only the Affective Commitment, once this component in faced as the best predictor of the leaving intention.

According to Ramos (2015), the older workers are generally more satisfied and committed in their work. Also as Lyons and Kuron (2013) stated that younger employees demonstrate less organizational commitment. Similarly to the previous mentioned

authors, Kumar and Giri (2009) also stated that aged employees show a greater organizational commitment. Even Brooke and Taylor (2005) and Linz (2004) – both cit in Chi, Maier & Gursoy (2013) – referred that the level of organizational commitment tends to rise with employees age and its position on the organization. Finally, also D'Amato and Herzfeldt (2008) reinforced that the more older are the members of the group, the higher are their commitment with the organization.

However, this statement that older employees are more commitment than younger ones could be influenced by the age diversity climate and/or age discrimination climate. Social exchange theory defends that age diversity climate affects the perceived organizational support which has positive long-term effects on performance and job satisfaction (Bieling & Dorozalla, 2014). By other side, it has been confirmed by many authors that job satisfaction is the main predictor of employees' commitment (Knight, Durham & Locke, 2001; Ingersoll, 2001; Ingersoll, 2006 – cit in Ahmad & Ibrahim, 2015). So, logically, we can assume that age diversity climate should influence employees' commitment. Madera, Dawson and Neal (2013) said that when is perceived a negative diversity climate in the organizations, easily starts conflict and that will decrease the organizational commitment of the employees. According to Kunze et al (2013), workers that perceive age discrimination at the office are expected to return lower levels of emotional attachment. Still, it is important taking into account that to older employees that face higher threats of age-related discrimination, age diversity climate probably becomes a more important signal of organizational support than to younger employees (Bieling & Dorozalla, 2014). Also Kunze et al (2013:417) cited "if older and younger employees constantly perceive age-based discrimination within in their organization, it is very likely that this perception is not limited to the individual level; but rather, through processes of contagion (Salanova et al, 2005 – cit in Kunze et al, 2013) and socialization (Schneider, 1987 – cit in Kunze et al, 2013), it might spread throughout the entire organization, cumulating in high levels of shared perceptions of a negative age-discrimination climate".

So, according with as been quoted, the third and final hypothesis testing in the current project, is:

*Hypothesis 3: Older employees are more commitment with their company than younger ones, if they perceive a positive age diversity climate* 

### II. Methodology

#### 2.1. Participants

To test the above hypotheses, we gathered data from a Hotel Chain. This company has 27 hotels distributed by Portugal (20) and Brazil (7). The Hotel Chain integrates the ranking of the 207 biggest hotel companies in the world and, one of its societies, belongs to the Rating 1 of Portuguese Companies. This firm was built in 1986 and the capital is wholly Portuguese. The enterprise employs around 2.500 workers, being 1.000 in Portugal.

Initially, our sample consisted of 100 participants. However, after a preliminary analysis to the asymmetry of the variables, we found two severe outliers that were taken from the sample. Thus, there were 98 valid subjects, being 49% men and 51% women. We divided the responders by generational cohorts, namely Generation Y (36,7%), Generation X (37,8%) and Boomers (25,5%). Related to participants' Level of Education, 72,4% completed High School or less, and 27,6% has a "Graduate degree". Finally, about tenure on current organization: 17,3% "Less than 1 year", 14,3% "1-3 years", 11,2% "4-6 years", 6,1% "7-9 years", 7,1% "10-12 years", 18,4% "12-15 years" and 25,5% "more than 15 years".

### **2.2. Procedures**

The data were collected through a Questionnaire. This survey was delivered to the participants by a paper version. We have chosen this method because of some specific characteristics of sector in analysis (Tourism). The majority of the workers do not have access to a corporative e-mail or computer at their workplace (for example, the chambermaids, cleaners and kitchen workers), and, some of them are not comfortable to use these technologies. According to these issues, and in order to have the most representative sample as possible, the majority of the subjects fulfilled the questionnaire in paper. This method had one big problem related with the time spent. Not just the time consumed by the necessity of visit each hotel, but also the time needed to insert the data for study and working on the results. From the 20 inns of the hotel chain, we selected five to collect data in paper. This choice was based on a geographic criteria and the availability of the investigators to visit the hotels. We have chosen to focus on the five hotels located in Lisbon to go there personally, and collect the answers in paper. However, the paper questionnaires fulfilled were not representative enough to this dissertation. So, facing this

difficulty, we choose to distribute the same questionnaire to the rest of the hotel units (out of Lisbon) through a web-based version. This last strategy represented 25% of the responses, being the others 75% collected by paper.

The average time it took the participants to complete the survey was around 20 minutes, and it was always guaranteed the confidentiality and anonymity of the responders. By choosing to distribute the questionnaires in paper, it was raised an anonymity problem related to these subjects. However, to overcome this limitation were used sealed envelopes, so the responders could fulfill and close it immediately, in order that only the research team could see the results.

### 2.3. Measures

As mentioned above, data were collected through quantitative method: a survey. This form is composed by 27 questions and it is integrated on an International study conducted in different countries by a multidisciplinary research team<sup>1</sup>. The questionnaire had some measures that will not be focused in this dissertation once, as I previously mentioned, it is integrated on an International Project and, because of it, the survey have more questions than the ones used in the present dissertation. According to this, it will be just explained the measures that were used at this study. From these 27 questions, 6 of them are demographic. For this dissertation, one focused on 7 questions related to the values and preferences of the employees, to their commitment / intention to leave and to the diversity climate of the company.

The first 4 queries are about what "I value" and what "Generations value" (Lester et al, 2012). To evaluate the actual and perceived differences between generations we used the scales already validated and tested by Lester et al. on their study, conducted in 2012, named "Actual versus perceived generational differences at work: An empirical examination". These scales were already integrated on the survey used as base to this dissertation. It starts by asking to the subject to indicate how important for he/she are the 15 characteristics of the workplace mentioned. These 15 items included (a) teamwork, (b) autonomy, (c) security, (d) professionalism, (e) flexibility, (f) formal authority, (g) technology, (h) face-to-face communication, (i) e-mail communication, (j) social media, (k) structure at work, (l) involvement, (m) continuous learning, (n) fun-at-work, and (o)

<sup>&</sup>lt;sup>1</sup> This international project is coordinated by Professor Rhetta Standifer, from Rennes School of Business

recognition. The answers followed a six-point Likert's scale, where 1 = None and 6 = Fullest Extent. After that, the subject should indicate, through the same scale and for the same characteristics, how important he/she thinks are those 15 characteristics for an employee of "Boomers" generation. This repeats through the "Generation Y" and "Generation X".

The next question is about the subjects preferences regarding their Age Similarity Preference and they had to answer also through a six-point Likert's scale (with 1 = Strongly Disagree to 6 = Strongly Agree). The questions used to test Age Similarity Preference were proposed by Standifer and they will be tested in this study. This scale has 5 items and it represents the preference of the subjects to work with people similar to them in terms of age.

Finally, the participants were questioned about their organization. These two last queries follow, once again, a six-point Likert's scale (1 = Strongly Disagree to 6 = Strongly Agree). The first one had 6 statements related to the affective commitment of the employee (Allen & Meyer, 1990). The other one, is about the Age Diversity Climate scale and had 7 items, four of them were retrieved from Bohem, Kunze and Brunch (2014) and three more items were added to account for a) performance evaluation, b) recognition, and c) job demands.

Demographic variables were the subjects' gender, age, level of education and, tenure.

### III. Results<sup>2</sup>

### Actual and perceived differences on workplace characteristics

Hypothesis 1 proposed that there are more perceived value differences between generations than actual value differences. This hypothesis was analyzed in two phases. First we look for the real differences and then to the perceived ones. To analyze the mentioned differences, it was performed an One-Way ANOVA. However the necessary assumptions to use it (normality of the distribution; and homogeneity of variances) were not verified. Despite this, as our sample was not much skewed, we could use two robust tests, that are resistant to the violation of the stated assumptions: Brown-Forsythe e Welch. The mentioned robust tests were used to identify the significant differences between generations, but after that is crucial to understand between which cohorts exists those dissimilarities. To see this, it was used the post-hoc test: Games-Howell, once it is the most indicated in cases of heterogeneity of variances.

#### Actual / Real differences

To analyze the actual value differences between generations, we focused on the first question of the survey: "(...) Using the six-point scale, please indicate how important you consider each characteristic to be. (...)", which basically means, in terms of the participant "which workplace characteristics I value the most". Based on that question and used the analysis explained on previous paragraph, we found significant differences on the responses gave by each generation cohort on 4 of the 15 items: face-to-face communication (F(2, 93) = 9,001; p < 0,001), clear structure/organization (F(2, 93) = 4,516; p = 0,013), empowered participation (F(2, 94) = 4,278; p = 0,017), and pleasure/fun at work (F(2, 94) = 3,721; p = 0,028). On table 4.1 are described the significant differences found between generations and respective means and standard deviations.

Items	Boon	ners	Generation X		tion Generation Y		Interpretation		
	Mean	SD	Mean	SD	Mean	SD	-		
Face-to-face communication	4,40	1,08	5,30	0,81	5,26	0,83	Generation X reports valuing it more than Boomers report valuing it.		

<sup>&</sup>lt;sup>2</sup> We used Statistical Package for the Social Sciences (SPSS), version 23, to analyze the data.

All the SPSS outputs are available to be consulted on Annex B

#### GENERATIONAL AND AGE DIVERSITY IN A PORTUGUESE HOTEL CHAIN

	4,40	1,08	5,30	0,81	5,26	0,83	Generation Y reports valuing it more than Boomers report valuing it.
Clear structure/organization	4,58	1,21	5,03	0,80	5,31	0,80	Generation Y report valuing it more than Boomers report valuing it.
Empowered participation (voice your opinion)	4,40	1,08	5,30	0,81	5,06	0,80	Generation X report valuing it more than Boomers report valuing it.
Pleasure/fun (at work)	5,28	0,84	5,76	0,50	5,49	0,74	Generation X report valuing it more than Boomers report valuing it.

*p-value* < 0,05

Table 4.1. Workplace characteristics with significant real differences between Generations

An examination of previous results reveal that Boomers are the generation that reported the lower scores to these items, which means that are the group that values less these characteristics. On the item *face-to-face communication*, we see that Boomers significantly differ from the other two generation (Generation X and Generation Y), being this group the one that values less this workplace characteristics, oppositely to Generation X that revealed the highest mean. In terms of *clear structure/organization*, the opinion of Boomers significantly differs from the opinion of Generation Y and about *empowered participation* and *pleasure/fun* (at work) Boomers reported to be dissimilar from Generation X.

With these results, we see that there are 4, of the possible 15, workplace characteristics where generations reported to detain actual significantly value differences between them.

### **Perceived differences**

To analyze the perceived value differences between generations, we focused on the second, third and fourth questions of the survey: "Using the six-point scale, please indicate how important you think each of the workplace characteristics would be to someone between the ages of 52-70 (...)", which means "*Boomers value*"; "Using the six-point scale, please indicate how important you think each of the workplace characteristics would be to someone below the age of 32 (...)", which means "*Generation Y value*"; "Using the six-point scale, please indicate how important you think each of the workplace characteristics would be to someone between the ages of 32 (...)", which means "*Generation Y value*"; "Using the six-point scale, please indicate how important you think each of the workplace characteristics would be to someone between the ages of 33-51 (...)", which means "*Generation X value*".

First we analyzed the significant differences about what Boomers value. Table 4.2 shows the items where the opinions of generational cohorts differ. From the 15 workplace characteristics, there were 4 where apparently Boomers own value differ from what the

other two generations think Boomers to value: Security/stability (F(2, 92) = 6,376; p = 0,003), Professionalism (F(2, 93) = 5,920; p = 0,004), Face-to-face communication (F(2, 93) = 6,682; p = 0,002) and Social media (F(2, 92) = 3,194; p = 0,046).

#### **Boomers value**

Items	Boor	Boomers		Generation X		ation	Interpretation	
	Mean	SD	Mean	SD	Mean	SD	· · ·	
	4,91	0.79	5,54	0.69	5,54	0,74	Generation Y reports thinking that Boomers value it	
Security/stability		-,	- ,	-,	- ,	•,•	more than Boomers report valuing it.	
Security/stubility	4,91	0,79	5,54	0,69	5,54	0.74	Generation X reports thinking that Boomers value it	
	7,71	0,79	5,54		3,34	0,74	more than Boomers report valuing it.	
Professionalism	1 00	0,85	5,49	0,61	5,46	0,78	Generation Y reports thinking that Boomers value it	
	4,88	0,85				0,78	more than Boomers report valuing it.	
	4.00	0.05	5,49	0,61	5,46	0,78	Generation X reports thinking that Boomers value it	
	4,88	0,85					more than Boomers report valuing it.	
		0.00		0.05			Generation Y reports thinking that Boomers value it	
Face-to-face	4,42	<b>4,42</b> 0,93	5,27	0,87	5,20	1,05	more than Boomers report valuing it.	
communication							Generation X reports thinking that Boomers value it	
	4,42	<b>4,42</b> 0,93	5,27	0,87	5,20	1,05	more than Boomers report valuing it.	
Social media		1,27	3,61	1,54			Generation Y reports thinking that Boomers value it less	
	3,71				2,91	1,27	than Boomers report valuing it.	
							and Doomers report strong It.	

p-value < 0,05

Table 4.2. Workplace characteristics with significant perceived differences, about what Boomers value, between Generations

In terms of *Security/stability*, *Professionalism* and *Face-to-face communication*, both Generation X and Generation Y report thinking that Boomers value it more than they own report valuing it. However, about *Social media* the Boomers apparently think they value more this characteristic that Generation Y thinks they value it.

Secondly, we focused on the differences presented to what Generation Y value. Findings are on table 4.3, and they show 8 significant differences from the 15 workplace characteristics in study. The items where generations showed dissimilar opinions about what Generation Y value, were: Independence/autonomy (F(2, 92) = 9,119; p < 0,001), Professionalism (F(2, 92) = 4,791; p = 0,010), Flexibility (F(2, 91) = 15,617; p < 0,001), Formal authority (F(2, 91) = 3,930; p = 0,023), Face-to-face communication (F(2, 92) = 6,792; p = 0,002), Clear structure/organization (F(2, 92) = 6,386; p = 0,003), Empowered participation (F(2, 92) = 5,827; p = 0,004), and Recognition (F(2, 91) = 5,857; p = 0,004).

Items	Boomers		Generation X		Generation Y		Interpretation		
	Mean	SD	Mean	SD	Mean	SD	r r		
	4,30	0,77	5,16	0,93	5,23	0,88	Boomers report thinking that Generation Y value it less than they own report valuing it.		
Independence/autonomy	4,30	0,77	5,16	0,93	5,23	0,88	Boomers report thinking that Generation Y value it less than Generation X reports thinking Generation Y value it.		
Professionalism	4,48	1,08	5,00	1,16	5,34	0,87	Boomers report thinking that Generation Y value it less than they own report valuing it.		
Flowibility	3,78	1,20	4,89	1,12	5,31	0,80	Boomers report thinking that Generation Y value it less than they own report valuing it. Boomers report thinking that Generation Y value it		
Flexibility	3,78	1,20	4,89	1,12	5,31	0,80	less than Generation X reports thinking Generation Y value it.		
Formal authority	3,82	1,01	4,46	1,17	4,57	0,88	Boomers report thinking that Generation Y value it less than they own report valuing it.		
Face-to-face	4,17	1,19	4,95	1,20	5,23	0,84	Boomers report thinking that Generation Y value it l0ess than they own report valuing it. Boomers report thinking that Generation Y value it		
communication	4,17	1,19	4,95	1,20	5,23	0,84	less than Generation X reports thinking Generation Y value it.		
Clear	4,22	1,04	4,92	1,01	5,14	0,91	Boomers report thinking that Generation Y value it less than they own report valuing it.		
structure/organization	4,22	1,04	4,92	1,01	5,14	0,91	Boomers report thinking that Generation Y value it less than Generation X reports thinking Generation Y value it.		
Empowered participation	4,35	1,19	5,19	0,91	5,09	0,89	Boomers report thinking that Generation Y value it less than they own report valuing it.		
(voice your opinion)	4,35	1,19	5,19	0,91	5,09	0,89	Boomers report thinking that Generation Y value it less than Generation X reports thinking Generation Y value it.		
Recognition	5,49	1,18	5,32	0,88	5,43	0,85	Boomers report thinking that Generation Y value it more than they own report valuing it.		
	5,49	1,18	5,32	0,88	5,43	0,85	Boomers report thinking that Generation Y value it more than Generation X reports thinking Generation Y value it.		

#### **Generation Y value**

p-value < 0,05

Table 4.3. Workplace characteristics with significant perceived differences, about what GenY value, between Generations

*Professionalism* and *Formal authority* are the only 2 items where the opinions of the own generation in analysis (Generation Y) differs from one other generation: Boomers. Both this items, represented to be more valued by the own Generation Y than from Boomers. By other side, *Independence/autonomy* was a characteristic that Generation Y reported to value it less than when compared to what Generation X and Boomers think they value it. Then, there were 3 items where Generation Y reported to value more than Generation X and Boomers think they will value: *Flexibility*, *Face-to-face communication* and *Clear structure/organization*.

About *Empowered participation*, Boomers report to think that Generation Y value it less than they own report valuing it, and Generation X report thinking that Generation Y value it more than Boomers think they value it. Finally, when analyzing the scores to *Recognition*, Boomers report to think that Generation Y value it more than they own report valuing it, and Generation X reports thinking that Generation Y value it less than Boomers think they value it.

Lastly, the analysis to determine the generations' perception of what Generation X value revealed the most perceptual differences of all the analyses, having 12 items with differences from the 15 possible. The reported significant differences can be seen on table 4.4 and were about the characteristics: Teamwork (F(2, 93) = 3,923; p = 0,023), Independence/autonomy (F(2, 92) = 3,976; p = 0,022), Security/stability (F(2, 92) = 12,199; p < 0,001), Professionalism (F(2, 91) = 15,271; p < 0,001), Flexibility (F(2, 92) = 4,733; p = 0,011), Formal authority (F(2, 92) = 4,181; p = 0,018), Face-to-face communication (F(2, 92) = 7,944; p = 0,001), Clear structure/organization (F(2, 92) = 3,369; p = 0,039), Empowered participation (F(2, 92) = 6,064; p = 0,003), Learning/training opportunities (F(2, 92) = 6,830; p = 0,002), Pleasure/fun (at work) (F(2, 92) = 5,702; p = 0,005), and Recognition (F(2, 91) = 7,791; p = 0,001).

Generation X value	Booi	Boomers		Generation X		ation	Intermetation	
Items	Mean	SD	Mean	SD	Mean	SD	Interpretation	
Teamwork	5,13	0,97	5,68	0,53	5,33	0,83	Boomers report thinking that Generation X value it less than they own report valuing it.	
Independence/autonomy	4,70	0,97	5,30	0,74	5,14	0,78	Boomers report thinking that Generation X value it less than they own report valuing it.	
	4,83	0,98	5,68	0,53	5,60	0,60	Boomers report thinking that Generation X value it less than they own report valuing it.	
Security/stability	4,83	0,98	5,68	0,53	5,60	0,60	Boomers report thinking that Generation X value it less than Generation Y reports thinking Generation X value it.	
Defector	4,41	1,05	5,51	0,69	5,43	0,70	Boomers report thinking that Generation X value it less than they own report valuing it.	
Professionalism	4,41	1,05	5,51	0,69	5,43	0,70	Boomers report thinking that Generation X value it less than Generation Y reports thinking Generation X value it.	
Flexibility	4,48	0,95	5,00	1,05	5,26	0,82	Boomers report thinking that Generation X value it less than Generation Y reports thinking Generation X value it.	
Formal authority	4,26	0,75	4,95	0,94	4,71	0,93	Boomers report thinking that Generation X value it less than they own report valuing it.	
Face-to-face communication	4,39	0,89	5,24	0,83	5,20	0,90	Boomers report thinking that Generation X value it less than they own report valuing it.	

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	4,39	0,89	5,24	0,83	5,20	0,90	Boomers report thinking that Generation X value it less than Generation Y reports thinking Generation X value it.
Clear structure/organization	4,65	0,83	5,22	0,82	5,14	0,91	Boomers report thinking that Generation X value it less than they own report valuing it.
Empowered participation (voice your opinion)	4,57	1,12	5,41	0,69	5,11	0,96	Boomers report thinking that Generation X value it less than they own report valuing it.
Learning/training opportunities	4,57	1,12	5,46	0,73	5,11	0,16	Boomers report thinking that Generation X value it less than they own report valuing it.
Pleasure/fun (at work)	4,87	1,22	5,65	0,59	5,29	0,86	Boomers report thinking that Generation X value it less than they own report valuing it.
Recognition	4,82	1,14	5,68	0,53	5,34	0,80	Boomers report thinking that Generation X value it less than they own report valuing it.

p-value < 0,05

Table 4.4. Workplace characteristics with significant perceived differences, about what GenX value, between Generations

There is 8 workplace characteristics were the own valorization of Generation X differ from the perception of another generation (Boomers). Those characteristics were: *Teamwork, Independence/autonomy, Formal authority, Clear structure/organization, Empowered participation, Learning/training opportunities, Pleasure/fun (at work),* and *Recognition.* To all these 8 items, Boomers report thinking that Generation X value it less then Generation X report valuing it. Then, there was 3 features were Boomers differ their opinion when compared with Generation Y opinion (about GenX) and with the own Generation X. The 3 features were: *Security/stability, Professionalism* and *Face-to-face communication,* and for them the Generation X (in analysis) always reported valuing it more than the other two groups think (Boomers and Generation Y). Finally, *Flexibility* appears to be a characteristic where the opinions of Boomers and Generation Y differ, when reported how they think Generation X value it. Boomers report thinking that Generation X values it less than Generation Y reports thinking Generation X values it.

Comparing the reported actual valued differences with the perceived valued ones, we see that there was only one workplace characteristic that reported significant differences in all the 4 analyses: Face-to-face communication. Contrarily, there were two items that were never reported to present differences (not actual neither perceived): Openness to technology and Email Communication. After all the analysis is even possible to highlight that Boomers were the generation that reported more significant differences, being present in all of them.

According to the results presented before, it can be seen that were reported 24 perceived valued differences between generational cohorts (4 in answers of "Boomers value", 8 in

"Generation Y value" and 12 in "Generation X value"). Remembering that were reported 4 real valued differences in 15 possible (which represent 27% of dissimilarities), and having in account that in terms of perceived valued differences we had 24 in 45 possible (which represent 53% of dissimilarities), we can see that were reported more perceived differences than actual ones. So we conclude that hypothesis 1 was supported.

### Age similarity preference

Hypothesis 2 held that ASP (age similarity preference) is negatively correlated with age: ASP is higher among young employees than in older ones. Before we make the analysis of this thematic, it was necessary to study the internal consistency between the five questions of the survey about Age Similarity Preference. This test was important once from the five questions we wanted to construct an index variable to ASP. To evaluate this internal consistency, we looked to Cronbach alpha and we saw it was only 0,231, which means that the five queries did not have a good consistency between them.

According to these results, was performed a reliability analysis to understand if the internal consistency could be increased by the extraction of some question. With the mentioned test, we observed that the fifth question ("I prefer my immediate supervisor to be older than me in age") is negatively correlated to the rest, whereby the five questions are not measuring the same thematic. By taking out this question, the Cronbach alpha raised to 0,728, which is a much better value to internal consistency. Having this into account, we decided to create an index variable to Age Similarity Preference without the question: "I prefer my immediate supervisor to be older than me in age". With this change, the scale becomes more viable ( $\alpha$ =0,728) and its mean turns in 4,80 (std 3,13).

After create the Age Similarity Preference index, we tested the correlation between this variable and the age of the subjects, through a Person Correlation. This correlation was almost null and non-significant (r -0,037; sig 0,722). However, although there is no relationship between ASP and age, we test whether there would be between ASP and Generational cohorts. To see it, we used two robust tests: Welch and Brown-Forsythe. Both assessments shown us that, in fact, there is significant correlation between ASP and Generations (sigw 0,819; sig<sub>B-F</sub> 0,847). Therefore, Hypothesis 2 was not supported.

### **Commitment and Age diversity climate**

Hypothesis 3 suggested that older employees are more commitment with their company than younger ones, if they perceive a positive age diversity climate. Similarly to the analysis made on the previous hypothesis, we tested the Cronbach alpha of the Commitment variable, to discuss if it could be created an index variable that integrates the six questions about Commitment, made on survey. The result of the reliability analysis revealed that the six questions have a great internal consistency ( $\alpha$ =0,788) and we can integrate them all on an index variable.

Once to test the Age diversity climate we also have seven different questions on the survey, we analyzed if it could be created an index variable to an easier analysis of the thematic. By following the same procedure that to Commitment, we tested the Cronbach alpha that shown us the seven questions have a lot of internal consistency ( $\alpha$ =0,872) and we can create an index variable, as we made to Commitment. Although the internal consistency of the seven questions was high, we confirmed that, even if we take some question out from the group, it was never so reliable as they all together.

After creating the index variables previously explained, we analyzed the respective means of Commitment and Age diversity climate, in each Generation.

The Commitment scale varies from 1 (strongly disagree) to 6 (strongly agree). All the questions are directed to the idea that "the higher the value of the response, the more the commitment of the employee". Having it into account, we saw that Boomers revealed the highest mean of commitment (mean = 5,00; std = 0,94), next to Generation X (mean = 4,86; std = 0,90) and Generation Y the lower committed (mean = 4,64; std = 0,91), although all generations show a high level of commitment.

The Age diversity climate scale behaves the same way of Commitment scale (from 1 to 6). "The higher the value of the response, the more positive age diversity climate is perceived". With this statement is possible to see that Generation X has the lower mean of age diversity climate (mean = 4,38; std = 1,05), followed by Boomers (mean = 4,64; std = 1,05) and Generation Y the higher mean (mean = 4,79; std = 0,81), although all generations show a high level of age diversity climate.

To test our hypothesis, we performed a Multiple Linear Regression (MLR) using Hayes' macro (2014). Results shown that the overall model is significant (F(3,88) = 19,341; p < 0,001). Then, we decided to test is our predictors of commitment (age and age diversity climate) explain the commitment. Results reported that, in fact, age and age diversity climate predict affective commitment (the one in analysis in this dissertation), in 39,74%. Therefore, we needed to study the simple effects of both predictors in analysis on commitment. Results show that age diversity climate explains affective commitment (t(88) = 7,222; p < 0,001), and that age also explains affective commitment (t(88) = 2,594; p = 0,011). However, despite of the fact that both age and age diversity climate influences commitment, the both items combined show that there is no moderation effect (t(88) = -0,054; p = 0,954). This means that age diversity climate does not moderate the relationship between age and commitment. Consequently, hypothesis 3 was not supported.

### **IV.** Discussion

There are many evidences in literature defending that diversity is positive in organizations. Subeliani and Tsogas (2005) were two authors that cited diversity as the basis of economic benefits, namely a better understanding of the markets and local consumers, better capacity to attract and retain the best people and high creativity, capacity to manage conflicts and flexibility. However, these benefits that diversity could raise are only effective with a good manage of it. As Faria (2014) mentioned, the management of diversity is getting everyday more importance to organizations due to the high increasing of globalization and internationalization of companies.

Before discussing each hypothesis tested of the present dissertation, it seems important to highlight a characteristic of the data collection that we noticed. Almost all the answers of the questionnaire and, consequently, the majority of the means reported, are above 4 ("Slightly Agree"). This factor leaded to some asymmetry problems on all the analyses and could be related to the fact of the subjects did not had the desired conditions to answered the survey, namely adequate place and available time.

Focusing on the answers gave by the participants on the first question of the survey ("Using the six-point scale, please indicate how important you consider each characteristic to be (...)"), and comparing the means of it between each generation, we can see that all generational cohorts highly valued "Recognition" and poorly "Social media". This consistency between generations and the fact that hypothesis 1 was supported, reveal that the three age groups are probably not so different between them, as they perceive. The mentioned hypothesis that generations are more similar to each other than they think, could also be supported by the fact that were reported only 4 actual differences (in 15 possible) versus 24 perceived ones.

The results previously presented, lead to a possible conclusion that the definition of generations made by the American (Anglo-Saxon) Literature, and used in this study, could make no sense having in account the Portuguese reality. There are some authors that defend the creation of generations as having in its basis the culture of a country. Susaeta et al (2011) specifically mentioned that to define generations we should have into account the concepts of family values, cultural and social rules and religion beliefs. This

way, Faria (2014) alerts that it is necessary to be careful when assuming some general conclusions present on literature, once it could be not applied to all cases.

Considering the generational cohorts already assumed, namely their denomination and time range, it is important being alert to the Portuguese reality. Faria (2014) reinforced that the social-economic and political situations in Portugal were significantly different from the ones identified on an international level. So, having in his basis the significant moments that influenced Portugal, Faria (2014) suggested the division to generational cohorts referred below:

- Baby Boomer a generation deeply influenced by the political regime of New State (*"Estado Novo"*), period marked by a young population but with high infant mortality and illiteracy rates.
- Generation X marked by the revolution of April 1974 ("25 de Abril de 1974"); the date symbolizes a turning point on politics, with a huge influence on economic, social and cultural components.
- Generation Y represent the "sons of 25th April 1974"; born on democracy and saw some prosperity periods; watched the entrance of European funds of the European Community and the country starts follow what is happening on an International level, namely, technologic, economic and cultural standards.

Taking into account the literature about the definition of generations referred above, we can also suppose that maybe Generation X reported so much internal variances and inconsistencies because it has people very different inside it. For example, in the Portuguese context, the revolution of 25<sup>th</sup> April was a huge event that break the people in two different generation: before 25<sup>th</sup> April 1974 and after it.

In the results analysis, we saw that when comparing the reported actual valued differences with the perceived valued ones, there was one item that reported significant differences in all the 4 analyses (I value, Boomers value, Generation X value, and Generation Y value): Face-to-face communication. The real valued differences observed for this workplace characteristic (face-to-face communication) is probably a result of the fact that communication is the basis of the workplace interactions nowadays. As Gursoy et al (2013) cited, it is important that managers understand that employees from different generations may also have different preferences for communication styles. However, as mentioned, results also reported this characteristic not only as a real difference but also

as a perceived one. Here, the explanation is based on stereotypes. Our "*common sense*" and stereotyped vision, tell us that older workers (Boomers) are more averse to technology and prefer face-to-face communication (Lester et al, 2012). By other side, Generations X and Y prefer to communicate by email or even other technologies (Lester et al, 2012). By opposite, Openness to technology and Email Communication were never reported to present valued differences between generations' perceptions. These results support the considerations presented above and show us that probably generations are more similar between them than they perceive.

Results supported hypothesis 1 that suggested to exist more perceived generational differences than real ones. As Lester et al (2012) referred on their study, an investigation of perceived differences across the generations highlight the mistaken beliefs each generation holds for the others, and as they are aligned to stereotypical profiles those perceptions have been perpetuated in our culture and environment.

For future research, we suggest that the study of the differences (actual versus perceived) be repeated but with generational cohorts defined according to the events that relevantly impacted Portuguese people, in order to confirm if the differences reported on the present dissertation does make sense for "Portuguese generations" or if they were just a result of the definition of generations based on anglo-saxonic literature.

Concerning the second hypothesis of this dissertation, findings suggest that there is no correlation between Age Similarity Preference and age, as was expected, leading to the rejection of hypothesis 2. Before commenting on the possible explanations to justify the hypothesis rejection, it is important to note some aspects with the quality of the scale. We found that one item Age Similarity Preference scale refers to the preference of subjects to have an immediate supervisor of a determinant age, while the other four questions were related to the age preference of the colleagues. Due to these discrepancies of the scale, it was decided to take off the fifth question of the mentioned scale, once, as the results shown, the scale got more internal consistency by making this change. One possible explanation to it is that employees have different opinions and preferences to the symbol of leadership and responsibility (supervisor), when compared to the rest of the colleagues in the organization. A possible reason to the results that there is no correlation between ASP and age could be that our sample (employees of the company were we made the data collection) is very diverse in terms of age, having people of all age groups and, therefore, there is no marked preferences between them. This explanation could be supported by the

Intergroup Contact Theory, which defends that the reduction of the preconception between diverse groups (namely in terms of age) could be reached through raising the positive contact between them (Allport, 1954 – cit in Pettigrew, 2006). This theory also tell us that the contact between employees of different age groups diminish the stereotypes between them.

For future studies we recommend to test age similarity preference with a scale only with questions directed for the preference of colleagues' age (not involving supervisors or other hierarchies). Also suggest to apply and test this concept on other sectors, that not tourism, where employees are more similar in terms of age (revealing some group minorities about the mentioned characteristic).

On hypothesis 3, we tested the effect of Age diversity climate on Commitment. Through the results presented on the previous chapter, we see that Boomers reported to be the generational cohort more committed with the organization (mean = 5,00; std = 0,94), contrarily to Generation Y that reported to be the less committed (mean = 4,64; std = 0,91), as it was expected considering the literature. Although, it is important to stand out that all the generational cohorts revealed a mean score above 4 ("Slightly Agree"), which leads to the impression that all employees, regardless of their generation, are committed with the organization and there is no clear intentions to leave it.

It terms of Age Diversity Climate, results shown that the question where Generation X and Boomers revealed the lower means was the sixth one, which means that they considered that the organization are having the major difficulties, in terms of age diversity climate, when need to adjust the tasks to the employees' needs over time. Contrarily to the other two generations, this topic was not the one where Generation Y reported the lower mean score, which leads to the conclusion that this group doesn't perceive this characteristic so clearly once they are younger and their needs didn't change a lot yet. In a more general analysis, is even possible to see that, similar to what happened on Commitment questions, the majority of the means reported are above 4 ("Slightly Agree"), which leads to the idea that, once again, all employees, regardless of their age, perceive a positive age diversity climate to the organization.

The results, present on previous chapter, reported that the perception of a positive age diversity climate is especially important to Boomers (older employees), probably because, in general, they are the generational cohort that most "suffer" of negative stereotypes. Chiu et al (2001), revealed that older workers have often faced age

discrimination from employers, mostly because they are perceived as handling certain undesirable characteristics, as inflexible attitude or resistance to change. As our results reported, the older employees give more importance to a positive age diversity climate. This fact could be related to what Kunze et al (2011) reinforced about several scholar have defended that a growth in age diversity may lead to lower levels of discrimination, an issue that affect Boomers in a more negative way (once those stereotypes assumed to Boomers are mostly negative).

Research shows that affective commitment is deeply important to predict behaviors at work such as organizational behavior, turnover and absenteeism (Meyer, Stanley, Herscovitch & Topolnytsky, 2002). More than that, when employees are highly identified with and involved in the organization, they accept organizational goals, act on behalf of the company and desire to stay as a member of it (Allen & Meyer, 1990; Mathieu & Zajac, 1990). Having in account that results reported that age diversity climate predicts commitment and the literature referred above presents that (affective) commitment predicts turnover, for future research, we suggest to study if age diversity climate predicts turnover intentions.

To conclude the study, we present below some practical suggestions to the company in analysis and other organizations of the tourism sector, that think could benefit from these recommendations. It is important to highlight that usually the workforce of tourism sector companies is really diverse (both in terms of age, gender or even qualifications). By having such a diverse workforce and knowing that, as Ramos (2015) mentioned, working values are changing with age, we suggest that the company try to adapt their Human Resources Management (HRM) practices, as much as possible, to the various generational characteristics and motivations. According to it, the HRM practices should be adjusted to all generations, for example: to someone of Generation Y the most important could be to have independency and receive feedback from superiors (Myers & Sadaghiani, 2010); to someone of Generation X could be to have a flexible schedule to take and bring the son of the school (Twenge, 2010); and to someone of Boomers could be being recognized and rewarded for their work, both personally and monetarily (Fogg, 2009). Regardless to the fact that HR policies should, as much as possible, be customized and specialized to all generational cohorts, we concluded that older employees (Boomers) value more a positive age diversity climate so the human resources management practices should be a bit more focused on this generation needs.

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## Conclusion

This dissertation arises from the needs to study and understand the demographic changes that are happening in Portugal and their impact on the Tourism sector workforce. As mentioned, ageing is one of the Portuguese bigger social issues nowadays and for the next few years. The fact that Portuguese population, namely the working age population, are getting older, due to, for example, the increase of retirement age and combining that to the fact that younger age cohorts are also entering to labor work, lead to the conclusion that various organizations have, currently, three or even four generations of employees working side by side. All these changes and evolution reinforce that companies should rethink, globally, their human resources management policies. Present thesis is integrated on an International study about workforce generations, their characteristics, preferences, and differences between them. That International study is leaded by many researchers, namely Professor Rhetta Standifer, and pretends to analyze various countries and working sectors. Our dissertation focused on the Portuguese Tourism sector and we analyzed one specifically company: a Portuguese hotel chain.

We pretended to test three major topics: actual versus perceived differences between generations; age similarity preference and its correlation to age; and, age diversity climate and age to predict commitment. Our results shown that perceived differences between generations outnumber the actual ones, which lead us to assume that generations are more similar to each other than they think and, probably, there are stereotypes that prevail above the real differences. We also detected that, apparently, age similarity preference is not correlated with age, which means that it is not a tendency to older, or younger, prefer to work with people similar to their age. Results still suggested that age predicts commitment (older employees are more committed), such as age diversity climate also does (when perceived a positive age diversity climate, employees become more committed). However, age combined to age diversity climate seems not predict commitment. Although results revealed us some good conclusions, is important to highlight the limitations of the dissertation. First of all, the study was applied to only one company, which could narrow results to just one organizational culture that is maybe different from the rest of the sector companies. Another issue is about the definition of the generations, which are probably skewing results, once generational cohorts used were defined through the anglo-saxonic literature and followed their major events, that does not correspond to the Portuguese history and reality. Finally, there is one more limitation of the present study related to the number of participants. Out sample is small and is from one single company, so it could be not representative enough.

For future research we suggest to extend the present study to more companies of the sector or even expanding it to other sectors relevant in Portugal. Another proposal is to redefine generations, according to Portuguese history, to see if the conclusion took are still aligned to our reality. We also recommend to test if the age diversity climate affects turnover intentions or other organizational behaviors (e.g. absenteeism, satisfaction), once we already concluded that it predicts commitment.

To a more effective management of the different generations, we suggest some future and practical ideas to the company, and sector, here in analysis. First we should highlight that results show that the majority employees, independently of their generation, reported that the company already has a positive age diversity climate and they are committed with it. However, there is always improvement areas. One of our suggestions is to give more focus on elders' needs (Boomers) once this generation is the one that probably has more necessity to see the work adjust to their needs and it is a group that gives much importance to a positive age diversity climate. However, despite this, the company should try to focus on all the generational cohorts, because our preferences and motives change with age, promoting and directing human resources management practices adjusted to the characteristics and motivations of each group.

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## Annexes

### Annex A - Survey

#### Q1 Participant commitment

This investigation aims to examine the key factors in managing an intergenerational workforce more effectively. All information you provide will be kept strictly confidential. No organization or individual respondent's name will appear in any of the published materials. In addition, your name and your personal responses will not be shared with anyone, including individuals in your organization. Your feedback will help increase our understanding of workplace diversity. The more complete information you give to us, the more thinking you do, the more influence it will make. Please notice that your decision to participate in this survey is voluntary. If you do not participate in it, there will neither be any punishment or disadvantages to you. By continuing to complete the questionnaire, you agree to participate in the survey. The survey will take you about 15 - 25 minutes. We appreciate your time and effort to finish it. If you have any research-related questions, please contact: Dr. Rhetta Standifer, Management and Marketing Department, School of Business, University of Wisconsin Eau Claire. Telephone number: 715-836-5611, standirl@uwec.edu.

**Q2** Below is a list of characteristics that could be present in workplace situations. Using the six-point scale, please indicate how important you consider each characteristic to be. In other words, how important would it be to you for each of these characteristics to be present in your workplace?

	None (1)	Limited Extent (2)	Moderate Extent (3)	Marked Extent (4)	Great Extent (5)	Fullest Extent (6)
Teamwork	0	О	О	О	О	0
Independence / autonomy	0	0	O	О	0	0
Security/stability	0	0	O	О	0	0
Professionalism	Ο	O	O	О	О	0
Flexibility allowed	0	0	O	О	0	0
Formal authority	Ο	O	O	О	О	0
Openness to new technology	0	0	O	О	0	0
Face-to-face communication	0	0	O	О	0	0
E-mail communication	0	0	O	О	0	0
Social media	0	0	O	О	0	0
Clear structure / organization	0	0	O	О	0	0
Empowered participation (voice your opinion)	0	0	O	О	0	O
Learning / training opportunities	0	0	O	О	0	0
Pleasure / fun ( at work)	0	0	O	О	0	0
Recognition	0	0	0	О	0	0

**Q3** Using the six-point scale, please indicate how important you think each of the workplace characteristics would be to someone between the ages of 52-70. In other words, to what extent do you think a person between the ages of 52-70 would want each of these characteristics to be present in their workplace?

	None (1)	Limited Extent (2)	Moderate Extent (3)	Marked Extent (4)	Great Extent (5)	Fullest Extent (6)
Teamwork	0	О	О	О	0	О
Independence / autonomy	Ο	O	O	O	0	O
Security/stability	0	O	O	O	0	o
Professionalism	0	O	O	O	0	o
Flexibility allowed	0	O	O	О	O	o
Formal authority	0	O	O	O	0	o
Openness to new technology	0	O	O	O	0	o
Face-to-face communication	0	O	O	O	0	o
E-mail communication	0	O	O	O	0	o
Social media	0	O	O	O	0	o
Clear structure / organization	0	O	O	O	0	o
Empowered participation (voice your opinion)	0	O	O	O	0	o
Learning / training opportunities	0	0	O	О	O	o
Pleasure / fun ( at work)	O	0	0	O	•	o
Recognition	Ο	О	О	О	О	O

**Q4** Using the six-point scale, please indicate how important you think each of the workplace characteristics would be to someone below the age of 32. In other words, to what extent do you think a person below the age of 32 would want each of these characteristics to be present in their workplace?

	None (1)	Limited Extent (2)	Moderate Extent (3)	Marked Extent (4)	Great Extent (5)	Fullest Extent (6)
Teamwork	0	О	О	О	О	Ο
Independence / autonomy	O	O	O	О	O	Ο
Security/stability	O	O	O	О	O	Ο
Professionalism	O	O	O	О	O	Ο
Flexibility allowed	•	O	O	О	O	Ο
Formal authority	•	O	O	О	O	Ο
Openness to new technology	•	O	O	О	O	Ο
Face-to-face communication	•	O	O	О	O	Ο
E-mail communication	•	O	O	О	O	Ο
Social media	•	O	O	О	O	Ο
Clear structure / organization	•	O	O	О	O	Ο
Empowered participation (voice your opinion)	•	O	O	О	O	Ο
Learning / training opportunities	•	O	O	О	O	Ο
Pleasure / fun ( at work)	0	O	O	О	O	O
Recognition	0	0	О	О	0	О

**Q5** Using the six-point scale, please indicate how important you think each of the workplace characteristics would be to someone between the ages of 33-51. In other words, to what extent do you think a person between the ages of 33-51 would want each of these characteristics to be present in their workplace?

	None (1)	Limited Extent (2)	Moderate Extent (3)	Marked Extent (4)	Great Extent (5)	Fullest Extent (6)
Teamwork	0	О	О	О	О	О
Independence / autonomy	0	O	o	O	0	О
Security/stability	0	O	o	O	0	О
Professionalism	0	O	o	O	O	О
Flexibility allowed	0	O	o	0	0	О
Formal authority	0	O	o	0	0	О
Openness to new technology	0	O	o	0	0	О
Face-to-face communication	0	O	o	O	0	О
E-mail communication	0	O	o	0	0	О
Social media	0	O	o	O	O	О
Clear structure / organization	0	0	o	0	0	Ο
Empowered participation (voice your opinion)	0	0	o	0	0	Ο
Learning / training opportunities	0	0	o	0	0	Ο
Pleasure / fun ( at work)	0	0	0	0	0	О
Recognition	0	0	0	0	0	О

	Never (1)	Occasionally (2)	Sometimes (3)	Often (4)	Frequently (5)	Always (6)
There is some friction among the members.	Ο	О	Ο	Ο	Ο	Ο
Members disagree about who should do what.	Ο	О	О	Ο	О	o
There is a conflict between members about ideas.	ο	О	О	Ο	О	o
Personality differences and conflicts are evident.	O	О	О	Ο	О	o
People have different opinions and disagree about the work being done.	O	О	0	Ο	O	0
Members disagree about the way to complete a task.	Ο	0	0	Ο	О	0
There is tension among members.	0	О	Ο	0	Ο	Ο
There is a conflict between members about the completion of work.	Ο	О	О	Ο	О	o
There is conflict about the delegation of tasks.	O	О	О	Ο	О	o
There is emotional "drama" and/or conflict among members.	O	О	0	Ο	O	0
Differences of perspective exist about work.	Ο	Ο	Ο	0	0	Ο

**Q6** Please use the six-point scale to rank how often each of the following occurs in your organization.

Q7 In general, I prefer working with people my own age.

O Agree (2)

O Disagree (1)

#### Q8 In my work

	Strongly Disagree (1)	Moderately Disagree (2)	Slightly Disagree (3)	Slightly Agree (4)	Moderately Agree (5)	Strongly Agree (6)
I prefer to work with people close to my age on team-oriented work.	0	0	0	0	0	О
I prefer to work with people of diverse ages for day-to-day workings within my department.	O	O	0	0	0	o
I prefer to work with people close to my age on long-term, far- reaching initiatives.	O	O	0	0	0	o
Working with people of different ages than me is usually more difficult than working with people who are close to me in age.	O	O	0	0	O	О
I prefer my immediate supervisor to be older than me in age.	Ο	Ο	Ο	Ο	О	0

#### Q9 In my work

	Strongly Disagree (1)	Moderately Disagree (2)	Slightly Disagree (3)	Slightly Agree (4)	Moderately Agree (5)	Strongly Agree (6)
I enjoy working with other people in a team/collaborative setting.	Ο	Ο	0	0	0	О
I prefer working alone to working in teams.	Ο	О	Ο	О	О	О

**Q10** From the list below, please indicate which three you would identify as the most preferred leadership qualities for your immediate supervisor to possess (please rank 1, 2, 3)

- \_\_\_\_\_ Tenure at the organization (1)
- \_\_\_\_\_ Ability to delegate effectively (2)
- \_\_\_\_\_ Optimism (3)
- \_\_\_\_\_ Honesty (4)
- \_\_\_\_\_ Transparency (5)
- \_\_\_\_\_ Competent (6)
- \_\_\_\_\_ Dependable (7)
- \_\_\_\_\_ Relationship-oriented (8)
- \_\_\_\_\_ Forward-looking (9)
- \_\_\_\_\_ Loyal (10)

## **Q11** In my work units:

	Never (1)	Occasionally (2)	Sometimes (3)	Often (4)	Frequently (5)	Always (6)
I experience work situations with others that cause uncertainty on my part.	0	0	О	Ο	О	О
Lack of information in my work causes uncertainty for me.	О	О	О	Ο	О	0
Lack of clarity in the information I receive from others causes uncertainty for me.	О	О	О	Ο	Ο	0
The length of time it takes to receive answers/information from others causes uncertainty for me.	О	О	O	О	0	0
Not knowing how my decisions/actions will affect outcomes causes uncertainty for me.	0	0	0	0	Ο	Ο

## Q12 In this organization...

	Strongly Disagree (1)	Moderately Disagree (2)	Slightly Disagree (3)	Slightly Agree (4)	Moderately Agree (5)	Strongly Agree (6)
I would be very happy to spend the rest of my career with this organization.	0	0	0	0	0	0
I really feel as if this organization's problems are my own.	0	Ο	Ο	О	О	О
I do not feel like "part of the family" at my organization.	0	Ο	Ο	О	О	О
I do not feel "emotionally attached" to this organization	0	О	О	О	О	o
This organization has a great deal of personal meaning for me.	0	Ο	Ο	О	О	О
I do not feel a "strong" sense of belonging to my organization.	0	Ο	Ο	О	О	О
I often think about leaving this organization.	0	Ο	Ο	О	О	О
I am currently searching for a job in another organization.	0	0	0	О	О	О
About my future in this organization, I think of leaving within the next year.	О	Ο	Ο	О	О	О

	Strongly Disagree (1)	Moderately Disagree (2)	Slightly Disagree (3)	Slightly Agree (4)	Moderately Agree (5)	Strongly Agree (6)
Employees are developed (i.e. training) and advanced without regard to the age of the individual.	О	О	О	0	0	О
Managers in my organization demonstrate through their actions that they want to hire and retain an age-diverse workforce.	O	O	O	0	О	о
I feel that my immediate manager/supervisor does a good job managing people of different ages.	О	О	О	0	О	О
It is easy for people from diverse age groups to fit in and be accepted.	0	0	0	0	О	O
All workers have the same opportunities to get an adequate evaluation, regardless their age.	0	0	0	0	О	Ο
The work is adjusted to workers' needs over time.	О	О	О	0	О	О
Experience, skills and knowledge of workers are recognized, irrespective of their age.	О	О	О	0	О	O

## Q13 In this organization...

## Q14 With regard to my organization

	Strongly Disagree (1)	Moderately Disagree (2)	Slightly Disagree (3)	Slightly Agree (4)	Moderately Agree (5)	Strongly Agree (6)
When someone criticizes my department, it feels like a personal insult.	0	0	0	0	0	О
I am very interested in what others think about my department.	0	О	О	О	О	О
When I talk about my department, I usually say 'we' rather than 'they.'	0	Ο	О	О	О	O
When someone praises my department, it feels like a personal compliment.	0	О	О	О	О	o

Q15 With respect to my current department...

	Never (1)	Occasionally (2)	Sometimes (3)	Often (4)	Frequently (5)	Always (6)
Sometimes we have had to alter the facts slightly in order to get what we need from other departments.	О	0	0	0	0	O
To get the necessary support from other departments, we sometimes mask the true nature of our needs.	О	О	O	0	0	O
We would present the facts to other departments in such a way that we look good.	Ο	O	Ο	О	О	0
We would find a way to use another department's difficult situation to improve our bargaining position.	О	0	0	0	0	O

## Q16 Based upon my past work experiences working in this department, I feel very confident...

	Never (1)	Occasionally (2)	Sometimes (3)	Often (4)	Frequently (5)	Always (6)
managing the expectations of important stakeholders outside my department.	0	0	Ο	0	Ο	О
establishing a good rapport with key stakeholders outside my department.	О	O	О	0	О	О
being an advocate for my department to important contacts within other departments, if necessary.	О	О	О	О	О	О
soliciting feedback for my department from relevant other departments.	О	О	О	0	О	О
representing my department to other departments as we discuss business.	О	О	О	0	О	O
initiating contact with persons outside of the department to discuss work-related problems.	О	O	О	0	О	О
maintaining external relationships that may be helpful to my department.	О	O	О	0	О	О
establishing connections with outsiders that can provide guidance/support to the department.	О	0	О	0	О	O

## Q17 My department...

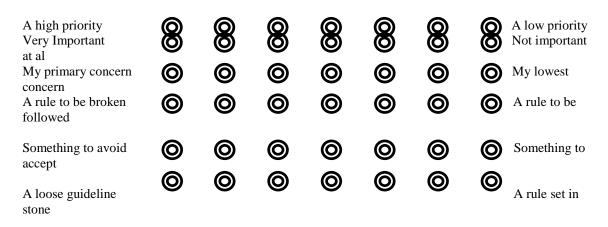
	Never (1)	Occasionally (2)	Sometimes (3)	Often (4)	Frequently (5)	Always (6)
values my contribution to its well-being.	0	0	Ο	Ο	Ο	Ο
appreciates any extra effort from me.	Ο	О	Ο	0	Ο	Ο
listens to any complaints I might have concerning the department.	Ο	O	О	О	0	0
would notice if I did something that benefited the department.	Ο	О	О	Ο	0	0
shows concern for me.	0	Ο	Ο	Ο	Ο	Ο
takes pride in my accomplishments.	Ο	0	0	0	0	Ο

## Q18 My department

	Never (1)	Occasionally (2)	Sometimes (3)	Often (4)	Frequently (5)	Always (6)
My department would help me develop myself, even if I cannot make more contributions at present.	О	0	0	0	0	O
It seems important to my department that my efforts are equivalent to what I receive from the department.	О	О	О	0	О	O
My department would never help me out unless it was in its (the department's) own interest.	ο	О	О	0	О	0
My department expects more from me than it gives me in return.	Ο	О	О	О	О	0
My department expects more effort from employees than pay increases warrant.	0	0	О	0	О	Ο

# For the purpose of questions Q19-Q21, "a directive" is defined as explicit instruction(s) from a supervisor which involves altering some part of a task within your job function.

**Q19** When I am asked to act as an advocate for departments in the organization other than mine, I tend to treat such directives from my supervisor as...



**Q20** When I receive a directive from my supervisor that relates to or impacts my individual goals (goals assigned by my employer (e.g. quotas) or those I have personally set for myself), I tend to treat such directives as...

A high priority Very Important at al My primary concern concern A rule to be broken followed	00000	00000	00000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	<ul> <li>A low priority Not important</li> <li>My lowest</li> <li>A rule to be</li> </ul>
Something to avoid accept A loose guideline	0	0	0 0	0	0 0	0 0	<ul><li>Something to</li><li>A rule set in</li></ul>
stone							

**Q21** In my capacity as an employee who looks out for the best interests of my department, I tend to treat directives from my supervisor as...

A high priority Very Important at al My primary concern concern A rule to be broken followed	00000	00000	00000	00000	000000000000000000000000000000000000000	00000	<ul> <li>A low priority Not important</li> <li>My lowest</li> <li>A rule to be</li> </ul>
Something to avoid accept A loose guideline stone	0	0	0	0	0 0	0	<ul><li>Something to</li><li>A rule set in</li></ul>

#### Please provide the following demographic information:

Q22 Gender:

- **O** Male (1)
- O Female (2)

Q23 \*Your age (in years) (\*required)

#### Q24 Level of education

- **O** Some secondary (high school) (1)
- **O** High school graduate (2)
- O Some college (3)
- **O** 2-yr college degree (4)
- **O** Bachelor's degree (5)
- O Graduate degree (6)

#### Q25 Race / ethnicity

- **O** African American (1)
- **O** American Indian or Alaskan Native (2)
- O Asian (3)
- O Hispanic /Latino / Latin American (4)
- **O** White (5)
- **O** Other (6) \_\_\_\_\_

#### Q26 To which industry does your organization belong?

- **O** Agriculture and fisheries (1)
- **O** Banking and financial services (2)
- **O** Building construction (3)
- O Consulting, Technology and scientific activities (4)
- **O** Education and training (5)
- **O** Health and social support (6)
- **O** Manufacturing and production (7)
- O Retail (8)
- **O** Sales (9)
- **O** Transportation and storage (10)
- **O** Tourism (11)
- O Other Describe: (12)

#### Q27 I have been with this organization:

- O Less than 1 year (1)
- **O** 1 3 years (2)
- **O** 4 6 years (3)
- **O** 7 9 years (4)
- O 10 − 12 years (5)
- **O** 12 15 years (6)
- O More than 15 years (7)

## Annex B – SPSS Outputs

	Statistics								
-		Gender	Generations	Level of education	I have been with this organization				
Ν	Valid	98	98	98	98				
	Missing	0	0	0	0				
Mean	-	1,51	1,89	3,69	4,29				
Std. D	Deviation	,502	,785	1,230	2,306				

	Gender								
		Frequency	Percent	Valid Percent	Cumulative Percent				
Valid	Male	48	49,0	49,0	49,0				
	Female	50	51,0	51,0	100,0				
	Total	98	100,0	100,0					

	Generations									
		Frequency	Percent	Valid Percent	Cumulative Percent					
Valid	GenY	36	36,7	36,7	36,7					
	GenX	37	37,8	37,8	74,5					
	Boomers	25	25,5	25,5	100,0					
	Total	98	100,0	100,0						

Level of education							
					Cumulative		
		Frequency	Percent	Valid Percent	Percent		
Valid	Some high school	10	10,2	10,2	10,2		
	High school graduate	6	6,1	6,1	16,3		
	Some college	15	15,3	15,3	31,6		
	College graduate	40	40,8	40,8	72,4		
	Bachelor's degree	27	27,6	27,6	100,0		
	Total	98	100,0	100,0			

ا میرما	~ {	advastion
Levei	στ	education

	I have been with this organization								
		Frequency	Percent	Valid Percent	Cumulative Percent				
Valid	Less than 1 year	17	17,3	17,3	17,3				
	1 – 3 years	14	14,3	14,3	31,6				
	4 – 6 years	11	11,2	11,2	42,9				
	7 – 9 years	6	6,1	6,1	49,0				
	10 – 12 years	7	7,1	7,1	56,1				
	13 – 15 years	18	18,4	18,4	74,5				

More than 15 years	25	25,5	25,5	100,0
Total	98	100,0	100,0	

H1 – "I value"

				Descri	ptives				
						95% Confider	ice Interval for		
				Std.	Std.	-	an		
		Ν	Mean	Deviation	Error	Lower Bound	Upper Bound	Minimum	Maximum
I-Teamwork	GenY	36	5,42	,806,	,134	5,14	5,69	3	6
	GenX	37	5,70	,571	,094	5,51	5,89	4	6
	Boomers	25	5,24	,926	,185	4,86	5,62	3	6
	Total	98	5,48	,776	,078	5,32	5,64	3	6
I-Independence/autonomy	GenY	35	4,94	,938	,158	4,62	5,26	3	6
	GenX	36	5,03	,878,	,146	4,73	5,32	3	6
	Boomers	25	4,48	,872	,174	4,12	4,84	3	6
	Total	96	4,85	,917	,094	4,67	5,04	3	6
I-Security/stability	GenY	35	5,31	,796	,135	5,04	5,59	3	6
	GenX	37	5,51	,607	,100	5,31	5,72	4	6
	Boomers	25	5,60	,645	,129	5,33	5,87	4	6
	Total	97	5,46	,693	,070	5,32	5,60	3	6
I-Professionalism	GenY	35	5,63	,731	,124	5,38	5,88	3	6
	GenX	37	5,62	,492	,081	5,46	5,79	5	6
	Boomers	25	5,32	,690	,138	5,04	5,60	4	6
	Total	97	5,55	,646	,066	5,42	5,68	3	6
I-Flexibility	GenY	35	5,23	,808,	,136	4,95	5,51	3	6
	GenX	37	4,95	,998	,164	4,61	5,28	2	6
	Boomers	25	4,52	1,388	,278	3,95	5,09	1	6
	Total	97	4,94	1,078	,109	4,72	5,16	1	6
I-Formal authority	GenY	35	4,51	1,040	,176	4,16	4,87	3	6
	GenX	37	4,57	,987	,162	4,24	4,90	3	6
	Boomers	24	3,96	1,334	,272	3,39	4,52	1	6
	Total	96	4,40	1,119	,114	4,17	4,62	1	6
I-Openness to new	GenY	35	4,97	,954	,161	4,64	5,30	3	6
technology	GenX	37	5,03	,957	,157	4,71	5,35	2	6
	Boomers	25	4,72	,936	,187	4,33	5,11	3	6
	Total	97	4,93	,949	,096	4,74	5,12	2	6
I-Face-to-face	GenY	34	5,26	,828	,142	4,98	5,55	3	6
communication	GenX	37	5,30	,812	,133	5,03	5,57	3	6
	Boomers	25	4,40	1,080	,216	3,95	4,85	2	6
	Total	96	5,05	,966	,099	4,86	5,25	2	6
I-E-mail communication	GenY	35	4,31	1,388	,235	3,84	4,79	1	6
	GenX	37	4,38	1,341	,220	3,93	4,83	1	6
	Boomers	24	3,54	1,351	,276	2,97	4,11	1	6
	Total	96	4,15	1,392	,142	3,86	4,43	1	6
I-Social media	GenY	35	3,69	1,345	,227	3,22	4,15	1	6
	GenX	37	4,08	1,278	,210	3,66	4,51	1	6
	Boomers	24	3,63	1,209	,247	3,11	4,14	1	6
	Total	96	3,82	1,290	,132	3,56	4,08	1	6
I-Clear	GenY	35	5,31	,796	,135	5,04	5,59	3	6
structure/organization	GenX	37	5,03	,799	,131	4,76	5,29	3	6
-	Boomers	24	4,58	1,213	,248	4,07	5,10	1	6
	Total	96	5,02	,951	,097	4,83	5,21	1	6
I-Empowered participation	GenY	35	5,06	,802	,136	4,78	5,33	3	6
(voice your opinion)	GenX	37	5,24	,641	,105	5,03	5,46	4	6
,	Boomers	25	4,64	,995	,199	4,23	5,05	2	6
	Total	97	5,02	,829	,084	4,85	5,19	2	6
I-Learning/training	GenY	35	5,14	,845	,001	4,85	5,43	3	6
opportunities	GenX	37	5,30	,010	,128	5,04	5,56	3	6
••	-	0.	5,00	,	,.20	0,04	0,00	0	0

	Boomers	25	4,88	,927	,185	4,50	5,26	2	6
	Total	97	5,13	,849	,086	4,96	5,31	2	6
I-Pleasure/fun (at work)	GenY	35	5,49	,742	,126	5,23	5,74	4	6
	GenX	37	5,76	,495	,081	5,59	5,92	4	6
	Boomers	25	5,28	,843	,169	4,93	5,63	4	6
	Total	97	5,54	,708	,072	5,39	5,68	4	6
I-Recognition	GenY	35	5,57	,739	,125	5,32	5,83	3	6
	GenX	37	5,59	,599	,098	5,39	5,79	4	6
	Boomers	25	5,64	,638	,128	5,38	5,90	4	6
	Total	97	5,60	,656	,067	5,47	5,73	3	6

#### Test of Homogeneity of Variances

Test of Horr	lest of Homogeneity of Variances										
	Levene Statistic	df1	df2	Sig.							
I-Teamwork	6,001	2	95	,004							
I-Independence/autonomy	,038	2	93	,963							
I-Security/stability	1,371	2	94	,259							
I-Professionalism	1,181	2	94	,311							
I-Flexibility	4,791	2	94	,010							
I-Formal authority	,293	2	93	,747							
I-Openness to new technology	,099	2	94	,906							
I-Face-to-face communication	,972	2	93	,382							
I-E-mail communication	,059	2	93	,943							
I-Social media	,709	2	93	,495							
I-Clear structure/organization	2,913	2	93	,059							
I-Empowered participation (voice your opinion)	2,510	2	94	,087							
I-Learning/training opportunities	,007	2	94	,993							
I-Pleasure/fun (at work)	10,326	2	94	,000							
I-Recognition	,366	2	94	,695							

		ANOVA				
		Sum of Squares	df	Mean Square	F	Sig.
I-Teamwork	Between Groups	3,419	2	1,710	2,951	,057
	Within Groups	55,040	95	,579		
	Total	58,459	97			
I-Independence/autonomy	Between Groups	4,860	2	2,430	3,010	,054
	Within Groups	75,098	93	,808,		
	Total	79,958	95			
I-Security/stability	Between Groups	1,338	2	,669	1,404	,251
	Within Groups	44,786	94	,476		
	Total	46,124	96			
I-Professionalism	Between Groups	1,727	2	,864	2,119	,126
	Within Groups	38,314	94	,408		
	Total	40,041	96			
I-Flexibility	Between Groups	7,326	2	3,663	3,301	,041
	Within Groups	104,303	94	1,110		
	Total	111,629	96			
I-Formal authority	Between Groups	6,176	2	3,088	2,546	,084
	Within Groups	112,782	93	1,213		
	Total	118,958	95			
I-Openness to new technology	Between Groups	1,510	2	,755	,835	,437
	Within Groups	84,984	94	,904		
	Total	86,495	96			
I-Face-to-face communication	Between Groups	14,392	2	7,196	9,001	,000
	Within Groups	74,347	93	,799		
	Total	88,740	95			

I-E-mail communication	Between Groups	11,754	2	5,877	3,174	,046
	Within Groups	172,204	93	1,852		
	Total	183,958	95			
I-Social media	Between Groups	4,065	2	2,032	1,228	,298
	Within Groups	153,925	93	1,655		
	Total	157,990	95			
I-Clear structure/organization	Between Groups	7,609	2	3,805	4,516	,013
	Within Groups	78,349	93	,842		
	Total	85,958	95			
I-Empowered participation (voice	Between Groups	5,502	2	2,751	4,278	,017
your opinion)	Within Groups	60,457	94	,643		
	Total	65,959	96			
I-Learning/training opportunities	Between Groups	2,602	2	1,301	1,835	,165
	Within Groups	66,655	94	,709		
	Total	69,258	96			
I-Pleasure/fun (at work)	Between Groups	3,530	2	1,765	3,721	,028
	Within Groups	44,594	94	,474		
	Total	48,124	96			
I-Recognition	Between Groups	,069	2	,035	,079	,924
	Within Groups	41,250	94	,439		
	Total	41,320	96			

#### **Robust Tests of Equality of Means**

		Statistic <sup>a</sup>	df1	df2	Sig.
I-Teamwork	Welch	3,177	2	53,134	,050
	Brown-Forsythe	2,731	2	68,345	,072
I-Independence/autonomy	Welch	3,126	2	58,563	,051
	Brown-Forsythe	3,033	2	88,625	,053
I-Security/stability	Welch	1,228	2	58,069	,300
	Brown-Forsythe	1,420	2	86,556	,247
I-Professionalism	Welch	1,928	2	54,119	,155
	Brown-Forsythe	2,044	2	77,022	,136
I-Flexibility	Welch	2,837	2	53,109	,068
	Brown-Forsythe	2,974	2	60,158	,059
I-Formal authority	Welch	1,934	2	53,319	,155
	Brown-Forsythe	2,356	2	67,764	,102
I-Openness to new technology	Welch	,841	2	58,743	,436
	Brown-Forsythe	,839	2	88,646	,435
-Face-to-face communication	Welch	6,861	2	54,704	,002
	Brown-Forsythe	8,414	2	70,481	,001
I-E-mail communication	Welch	3,178	2	57,013	,049
	Brown-Forsythe	3,179	2	85,771	,047
I-Social media	Welch	1,245	2	57,915	,296
	Brown-Forsythe	1,251	2	88,649	,291
I-Clear structure/organization	Welch	3,552	2	51,914	,036
	Brown-Forsythe	4,009	2	58,143	,023
I-Empowered participation (voice	Welch	3,596	2	53,463	,034
your opinion)	Brown-Forsythe	3,928	2	67,018	,024
I-Learning/training opportunities	Welch	1,703	2	56,521	,191
	Brown-Forsythe	1,772	2	79,899	,177
I-Pleasure/fun (at work)	Welch	3,970	2	51,831	,025
	Brown-Forsythe	3,425	2	66,986	,038
I-Recognition	Welch	,076	2	58,115	,927
	Brown-Forsythe	,079	2	87,090	,924

a. Asymptotically F distributed.

**Multiple Comparisons** 

			Mean	Std.		95% Confide	
Dependent Variable	(I) Generations	(J) Generations	Difference (I-J)	Error	Sig.	Lower Bound	Upper Bound
I-Teamwork	GenY	GenX	-,286	,164	,197	-,68	,1 <i>*</i>
		Boomers	,177	,229	,722	-,38	,73
	GenX	GenY	,286	,164	,197	-,11	,68
		Boomers	,463	,208	,080,	-,04	,97
	Boomers	GenY	-,177	,229	,722	-,73	,38
		GenX	-,463	,208	,080,	-,97	,04
I-Independence/autonomy	GenY	GenX	-,085	,216	,918	-,60	,43
		Boomers	,463	,236	,131	-,10	1,03
	GenX	GenY	,085	,216	,918	-,43	,60
		Boomers	,548	,228	,051	,00	1,10
	Boomers	GenY	-,463	,236	,131	-1,03	,10
	Carl	GenX GenX	-,548	,228	,051	-1,10	,00
I-Security/stability	GenY		-,199	,167	,464	-,60	,20
	GenX	Boomers GenY	-,286	,186	,284	-,73	,16
	Genx		,199	,167	,464	-,20	,60
	Deemere	Boomers	-,086	,163	,857	-,48	,3′
	Boomers	GenY	,286	,186	,284	-,16	,73
Drofossionaliam	ConV	GenX	,086	,163	,857	-,31	,48
I-Professionalism	GenY	GenX	,007	,148 195	,999	-,35	,36
	GenX	Boomers GenY	,309	,185 ,148	,228	-,14	,76 ,35
	Genx	Boomers	-,007 ,302	,148 ,160	,999 ,156	-,36 -,09	
	Boomers	GenY	-,309	,185	,130	-,09	,69 ,14
	Boomers	GenX	-,309	,185 ,160	,220	-,70	, 14 ,09
I-Flexibility	GenY	GenX	,302 ,283	,100	,130	-,09	,08
	Gem	Boomers	,285	,213	,387 ,070	-,23	,/: 1,47
	GenX	GenY	-,283	,303	,387	-,79	,23
	Genix	Boomers	,426	,323	,392	-,36	,,2 1,2
	Boomers	GenY	-,709	,309	,070	-1,47	,05
	Doomers	GenX	-,426	,323	,392	-1,21	,36
I-Formal authority	GenY	GenX	-,053	,239	,973	-,63	,52
		Boomers	,556	,324	,212	-,23	1,34
	GenX	GenY	,053	,239	,973	-,52	,6
	00111	Boomers	,609	,317	,146	-,16	1,38
	Boomers	GenY	-,556	,324	,212	-1,34	,23
		GenX	-,609	,317	,146	-1,38	,16
I-Openness to new	GenY	GenX	-,056	,225	,967	-,60	,48
technology		Boomers	,251	,247	,569	-,34	,85
	GenX	GenY	,056	,225	,967	-,48	,60
		Boomers	,307	,245	,427	-,28	,90
	Boomers	GenY	-,251	,247	,569	-,85	,34
		GenX	-,307	,245	,427	-,90	,28
I-Face-to-face	GenY	GenX	-,033	,195	,985	-,50	,43
communication		Boomers	,865 <sup>*</sup>	,259	,005	,24	1,49
	GenX	GenY	,033	,195	,985	-,43	,50
		Boomers	,897*	,254	,003	,28	1,51
	Boomers	GenY	-,865 <sup>*</sup>	,259	,005	-1,49	-,24
		GenX	-,897*	,254	,003	-1,51	-,28
-E-mail communication	GenY	GenX	-,064	,322	,978	-,84	,7
		Boomers	,773	,362	,093	-,10	1,65
	GenX	GenY	,064	,322	,978	-,71	,84
		Boomers	,837	,353	,056	-,02	1,69
	Boomers	GenY	-,773	,362	,093	-1,65	,1(
		GenX	-,837	,353	,056	-1,69	,0
I-Social media	GenY	GenX	-,395	,310	,413	-1,14	,35
		Boomers	,061	,336	,982	-,75	,87
	GenX	GenY	,395	,310	,413	-,35	1,14

		Boomers	,456	,324	,345	-,33	1,24
	Boomers	GenY	-,061	,336	,982	-,87	,75
		GenX	-,456	,324	,345	-1,24	,33
I-Clear	GenY	GenX	,287	,188	,284	-,16	,74
structure/organization		Boomers	,731 <sup>*</sup>	,282	,035	,04	1,42
	GenX	GenY	-,287	,188	,284	-,74	,16
		Boomers	,444	,280	,266	-,24	1,13
	Boomers	GenY	-,731 <sup>*</sup>	,282	,035	-1,42	-,04
		GenX	-,444	,280	,266	-1,13	,24
I-Empowered participation	GenY	GenX	-,186	,172	,528	-,60	,23
(voice your opinion)		Boomers	,417	,241	,205	-,17	1,00
	GenX	GenY	,186	,172	,528	-,23	,60
		Boomers	,603 <sup>*</sup>	,225	,029	,05	1,15
	Boomers	GenY	-,417	,241	,205	-1,00	,17
		GenX	-,603*	,225	,029	-1,15	-,05
I-Learning/training	GenY	GenX	-,154	,192	,701	-,61	,30
opportunities		Boomers	,263	,234	,505	-,30	,83
	GenX	GenY	,154	,192	,701	-,30	,61
		Boomers	,417	,225	,164	-,13	,96
	Boomers	GenY	-,263	,234	,505	-,83	,30
		GenX	-,417	,225	,164	-,96	,13
I-Pleasure/fun (at work)	GenY	GenX	-,271	,150	,174	-,63	,09
		Boomers	,206	,210	,594	-,30	,71
	GenX	GenY	,271	,150	,174	-,09	,63
		Boomers	,477 <sup>*</sup>	,187	,040	,02	,93
	Boomers	GenY	-,206	,210	,594	-,71	,30
		GenX	-,477*	,187	,040	-,93	-,02
I-Recognition	GenY	GenX	-,023	,159	,988	-,40	,36
		Boomers	-,069	,179	,922	-,50	,36
	GenX	GenY	,023	,159	,988	-,36	,40
		Boomers	-,045	,161	,957	-,43	,34
	Boomers	GenY	,069	,179	,922	-,36	,50
		GenX	,045	,161	,957	-,34	,43

\*. The mean difference is significant at the 0.05 level.

## H1 – "Boomers value"

				Descri	ptives				
				Std.	Std.		ice Interval for an		
		Ν	Mean	Deviation	Error	Lower Bound	Upper Bound	Minimum	Maximum
Boomers-Teamwork	GenY	36	5,06	1,040	,173	4,70	5,41	3	6
	GenX	37	5,41	,798	,131	5,14	5,67	3	6
	Boomers	24	4,88	1,262	,258	4,34	5,41	1	6
	Total	97	5,14	1,031	,105	4,94	5,35	1	6
Boomers-	GenY	35	4,66	1,083	,183	4,29	5,03	3	6
Independence/autonomy	GenX	37	4,95	1,053	,173	4,59	5,30	1	6
	Boomers	24	4,42	,974	,199	4,01	4,83	2	6
	Total	96	4,71	1,055	,108	4,49	4,92	1	6
Boomers-Security/stability	GenY	35	5,54	,741	,125	5,29	5,80	3	6
	GenX	37	5,54	,691	,114	5,31	5,77	3	6
	Boomers	23	4,91	,793	,165	4,57	5,26	4	6
	Total	95	5,39	,776	,080,	5,23	5,55	3	6
Boomers-Professionalism	GenY	35	5,46	,780	,132	5,19	5,73	3	6
	GenX	37	5,49	,607	,100	5,28	5,69	4	6
	Boomers	24	4,88	,850	,174	4,52	5,23	3	6
	Total	96	5,32	,775	,079	5,17	5,48	3	6
Boomers-Flexibility	GenY	35	4,91	1,121	,190	4,53	5,30	3	6

	GenX	37	4,73	1,045	,172	4,38	5,08	2	6
	Boomers	23	4,35	1,071	,223	3.88	4,81	1	6
	Total	<u>95</u>	4,71	1,090	,112	4,48	4,93	1	6
Boomers-Formal authority	GenY	35	4,83	1,014	,171	4,48	5,18	3	6
	GenX	36	4,69	1,142	,190	4,31	5,08	2	6
	Boomers	23	4,22	1,242	,259	3.68	4,75	1	6
	Total	94	4,63	1,136	,117	4,40	4,86	1	6
Boomers-Openness to	GenY	35	3,97	1,445	,244	3,48	4,47	2	6
new technology	GenX	37	4,16	1,323	,218	3,72	4,60	1	6
	Boomers	24	4,29	1,197	,244	3,79	4,80	1	6
	Total	96	4,13	1,332	,136	3,86	4,39	1	6
Boomers-Face-to-face	GenY	35	5,20	1,052	,178	4,84	5,56	3	6
communication	GenX	37	5,27	,871	,143	4,98	5,56	3	6
	Boomers	24	4,42	,929	,190	4,02	4,81	2	6
	Total	96	5,03	1,010	,103	4,83	5,24	2	6
Boomers-E-mail	GenY	35	3,66	1,305	,221	3,21	4,11	1	6
communication	GenX	37	3,81	1,561	,257	3,29	4,33	1	6
	Boomers	22	3,82	1,181	,252	3,29	4,34	1	6
	Total	94	3,76	1,373	,142	3,47	4,04	1	6
Boomers-Social media	GenY	35	2,91	1,269	,214	2,48	3,35	1	6
	GenX	36	3,61	1,536	,256	3,09	4,13	1	6
	Boomers	24	3,71	1,268	,259	3,17	4,24	1	6
	Total	95	3,38	1,408	,144	3,09	3,67	1	6
Boomers-Clear	GenY	35	5,06	,938	,158	4,74	5,38	3	6
structure/organization	GenX	37	4,89	,875	,144	4,60	5,18	3	6
	Boomers	23	4,39	1,234	,257	3,86	4,92	1	6
	Total	95	4,83	1,017	,104	4,62	5,04	1	6
Boomers-Empowered	GenY	35	4,89	1,051	,178	4,52	5,25	3	6
participation (voice your	GenX	37	4,97	,897	,147	4,67	5,27	3	6
opinion)	Boomers	23	4,87	,815	,170	4,52	5,22	4	6
	Total	95	4,92	,930	,095	4,73	5,11	3	6
Boomers-	GenY	35	4,49	1,173	,198	4,08	4,89	2	6
Learning/training	GenX	37	4,70	1,288	,212	4,27	5,13	1	6
opportunities	Boomers	24	4,75	,989	,202	4,33	5,17	3	6
	Total	96	4,64	1,171	,120	4,40	4,87	1	6
Boomers-Pleasure/fun (at	GenY	35	5,31	,963	,163	4,98	5,65	3	6
work)	GenX	37	5,38	,982	,161	5,05	5,71	3	6
	Boomers	24	5,08	,929	,190	4,69	5,48	4	6
	Total	96	5,28	,959	,098	5,09	5,48	3	6
Boomers-Recognition	GenY	34	5,50	,707	,121	5,25	5,75	4	6
-	GenX	37	5,51	,837	,138	5,23	5,79	3	6
	Boomers	24	5,13	,992	,202	4,71	5,54	3	6
	Total	95	5,41	,844	,087	5,24	5,58	3	6

	Levene Statistic	df1	df2	Sig.
Boomers-Teamwork	2,192	2	94	,117
Boomers-Independence/autonomy	,916	2	93	,404
Boomers-Security/stability	,171	2	92	,843
Boomers-Professionalism	,826	2	93	,441
Boomers-Flexibility	,866	2	92	,424
Boomers-Formal authority	,290	2	91	,749
Boomers-Openness to new technology	1,398	2	93	,252
Boomers-Face-to-face communication	,847	2	93	,432
Boomers-E-mail communication	3,554	2	91	,033
Boomers-Social media	2,755	2	92	,069
Boomers-Clear structure/organization	2,302	2	92	,106
Boomers-Empowered participation (voice your opinion)	1,235	2	92	,296

Boomers-Learning/training opportunities	1,019	2	93	,365
Boomers-Pleasure/fun (at work)	,037	2	93	,964
Boomers-Recognition	2,788	2	92	,067

		ANOVA				
		Sum of Squares	df	Mean Square	F	Sig.
Boomers-Teamwork	Between Groups	4,547	2	2,273	2,193	,117
	Within Groups	97,433	94	1,037		
	Total	101,979	96			
Boomers-	Between Groups	4,222	2	2,111	1,932	,151
Independence/autonomy	Within Groups	101,611	93	1,093		
	Total	105,833	95			
Boomers-Security/stability	Between Groups	6,888	2	3,444	6,376	,003
	Within Groups	49,701	92	,540		
	Total	56,589	94			
Boomers-Professionalism	Between Groups	6,436	2	3,218	5,920	,004
	Within Groups	50,554	93	,544		
	Total	56,990	95			
Boomers-Flexibility	Between Groups	4,490	2	2,245	1,926	,152
·	Within Groups	107,258	92	1,166		
	Total	111,747	94			
Boomers-Formal authority	Between Groups	5,445	2	2,722	2,163	,121
,	Within Groups	114,523	91	1,258		,
	Total	119,968	93	,		
Boomers-Openness to new	Between Groups	1,543	2	,772	,430	,652
technology	Within Groups	166,957	93	1,795	,	,
	Total	168,500	95	.,		
Boomers-Face-to-face	Between Groups	12,176	2	6,088	6,682	,002
communication	Within Groups	84,731	93	,911	0,002	,002
	Total	96,906	95	,011		
Boomers-E-mail communication	Between Groups	,538	2	,269	,140	,869
	Within Groups	,000 174,834	91	1,921	,140	,000
	Total	175,372	93	1,021		
Boomers-Social media	Between Groups	12,101	2	6,051	3,194	,046
	Within Groups	174,257	92	1,894	3,134	,040
	Total	186,358	92 94	1,094		
Boomers-Clear	Between Groups	6,374	2	3,187	3,224	,044
structure/organization	Within Groups	90,932	92	,988	3,224	,044
Structure, organization	Total	90,932 97,305	92 94	,900		
Boomers-Empowered	Between Groups		94	,101	,114	,892
participation (voice your opinion)		,202			,114	,092
	Within Groups	81,125	92	,882		
	Total	81,326	94	000	457	005
Boomers-Learning/training	Between Groups	1,267	2	,633	,457	,635
opportunities	Within Groups	128,973	93	1,387		
	Total	130,240	95			
Boomers-Pleasure/fun (at work)	Between Groups	1,327	2	,664	,717	,491
	Within Groups	86,079	93	,926		
	Total	87,406	95			
Boomers-Recognition	Between Groups	2,621	2	1,311	1,873	,159
	Within Groups	64,368	92	,700		
	Total	66,989	94			

Robust Tests of Equality of Means								
	Statistic <sup>a</sup>	df1	df2	Sig.				

Boomers-Teamwork	Welch	2,316	2	52,011	,109
	Brown-Forsythe	2,000	2	64,587	,144
Boomers-	Welch	2,029	2	58,117	,141
Independence/autonomy	Brown-Forsythe	1,975	2	89,200	,145
Boomers-Security/stability	Welch	5,671	2	53,743	,006
	Brown-Forsythe	6,178	2	76,655	,003
Boomers-Professionalism	Welch	4,907	2	52,987	,011
	Brown-Forsythe	5,573	2	71,721	,006
Boomers-Flexibility	Welch	1,876	2	55,307	,163
	Brown-Forsythe	1,928	2	83,227	,152
Boomers-Formal authority	Welch	1,937	2	53,100	,154
	Brown-Forsythe	2,083	2	73,998	,132
Boomers-Openness to new	Welch	,431	2	58,618	,652
technology	Brown-Forsythe	,444	2	90,143	,643
Boomers-Face-to-face	Welch	7,018	2	56,602	,002
communication	Brown-Forsythe	6,707	2	85,074	,002
Boomers-E-mail communication	Welch	,152	2	56,309	,860
	Brown-Forsythe	,149	2	87,938	,862
Boomers-Social media	Welch	3,502	2	57,649	,037
	Brown-Forsythe	3,286	2	87,821	,042
Boomers-Clear	Welch	2,401	2	51,199	,101
structure/organization	Brown-Forsythe	2,929	2	62,634	,061
Boomers-Empowered	Welch	,125	2	57,244	,883
participation (voice your opinion)	Brown-Forsythe	,119	2	88,026	,888,
Boomers-Learning/training	Welch	,490	2	59,786	,615
opportunities	Brown-Forsythe	,482	2	92,342	,619
Boomers-Pleasure/fun (at work)	Welch	,737	2	57,598	,483
	Brown-Forsythe	,726	2	87,641	,487
Boomers-Recognition	Welch	1,457	2	53,432	,242
-	Brown-Forsythe	1,766	2	69,473	,179

a. Asymptotically F distributed.

#### Multiple Comparisons

Games-Howell			e oompansons				
			Mean	Std.		95% Confide	ence Interval
Dependent Variable	(I) Generations	(J) Generations	Difference (I-J)	Error	Sig.	Lower Bound	Upper Bound
Boomers-Teamwork	GenY	GenX	-,350	,217	,249	-,87	,17
		Boomers	,181	,311	,831	-,57	,93
	GenX	GenY	,350	,217	,249	-,17	,87
		Boomers	,530	,289	,173	-,18	1,24
	Boomers	GenY	-,181	,311	,831	-,93	,57
		GenX	-,530	,289	,173	-1,24	,18
Boomers-	GenY	GenX	-,289	,252	,489	-,89	,31
Independence/autonomy		Boomers	,240	,270	,649	-,41	,89
	GenX	GenY	,289	,252	,489	-,31	,89
		Boomers	,529	,264	,120	-,11	1,17
	Boomers	GenY	-,240	,270	,649	-,89	,41
		GenX	-,529	,264	,120	-1,17	,11
Boomers-Security/stability	GenY	GenX	,002	,169	1,000	-,40	,41
		Boomers	,630 <sup>*</sup>	,207	,011	,13	1,13
	GenX	GenY	-,002	,169	1,000	-,41	,40
		Boomers	,627 <sup>*</sup>	,201	,009	,14	1,11
	Boomers	GenY	-,630 <sup>*</sup>	,207	,011	-1,13	-,13
		GenX	-,627*	,201	,009	-1,11	-,14
Boomers-Professionalism	GenY	GenX	-,029	,165	,983	-,43	,37
		Boomers	,582 <sup>*</sup>	,218	,028	,05	1,11
	GenX	GenY	,029	,165	,983	-,37	,43

		Boomers	,611 <sup>*</sup>	,200	,011	,12	1,10
	Boomers	GenY	-,582*	,218	,028	-1,11	-,05
		GenX	-,611 <sup>*</sup>	,200	,011	-1,10	-,12
Boomers-Flexibility	GenY	GenX	,185	,256	,752	-,43	,80
		Boomers	,566	,293	,140	-,14	1,27
	GenX	GenY	-,185	,256	,752	-,80	,43
		Boomers	,382	,282	,372	-,30	1,06
	Boomers	GenY	-,566	,293	,140	-1,27	,14
		GenX	-,382	,282	,372	-1,06	,30
Boomers-Formal authority	GenY	GenX	,134	,256	,860	-,48	,75
		Boomers	,611	,310	,133	-,14	1,37
	GenX	GenY	-,134	,256	,860	-,75	,48
		Boomers	,477	,321	,308	-,30	1,26
	Boomers	GenY	-,611	,310	,133	-1,37	,14
		GenX	-,477	,321	,308	-1,26	,30
Boomers-Openness to new	GenY	GenX	-,191	,327	,830	-,97	,59
technology		Boomers	-,320	,345	,626	-1,15	,51
	GenX	GenY	,191	,327	,830	-,59	,97
		Boomers	-,130	,327	,917	-,92	,66
	Boomers	GenY	,320	,345	,626	-,51	1,15
		GenX	,130	,327	,917	-,66	,92
Boomers-Face-to-face	GenY	GenX	-,070	,228	,949	-,62	,48
communication		Boomers	,783 <sup>*</sup>	,260	,011	,16	1,41
	GenX	GenY	,070	,228	,949	-,48	,62
		Boomers	,854 <sup>*</sup>	,238	,002	,28	1,43
	Boomers	GenY	-,783 <sup>*</sup>	,260	,011	-1,41	-,16
		GenX	-,854 <sup>*</sup>	,238	,002	-1,43	-,28
Boomers-E-mail	GenY	GenX	-,154	,338	,893	-,96	,66
communication		Boomers	-,161	,335	,881	-,97	,65
	GenX	GenY	,154	,338	,893	-,66	,96
		Boomers	-,007	,359	1,000	-,87	,86
	Boomers	GenY	,161	,335	,881	-,65	,97
		GenX	,007	,359	1,000	-,86	,87
Boomers-Social media	GenY	GenX	-,697	,334	,100	-1,50	,10
		Boomers	-,794	,336	,057	-1,61	,02
	GenX	GenY	,697	,334	,100	-,10	1,50
		Boomers	-,097	,364	,961	-,97	,78
	Boomers	GenY	,794	,336	,057	-,02	1,61
		GenX	,097	,364	,961	-,78	,97
Boomers-Clear	GenY	GenX	,165	,214	,721	-,35	,68
structure/organization		Boomers	,666	,302	,083	-,07	1,40
	GenX	GenY	-,165	,214	,721	-,68	,35
		Boomers	,501	,295	,220	-,22	1,22
	Boomers	GenY	-,666	,302	,083	-1,40	,07
		GenX	-,501	,295	,220	-1,22	,22
Boomers-Empowered	GenY	GenX	-,087	,231	,924	-,64	,47
participation (voice your		Boomers	,016	,246	,998	-,58	,61
opinion)	GenX	GenY	,087	,231	,924	-,47	,64
		Boomers	,103	,225	,890	-,44	,65
	Boomers	GenY	-,016	,246	,998	-,61	,58
		GenX	-,103	,225	,890	-,65	,44
Boomers-Learning/training	GenY	GenX	-,217	,290	,736	-,91	,48
opportunities		Boomers	-,264	,283	,621	-,95	,42
	GenX	GenY	,217	,290	,736	-,48	,91
		Boomers	-,047	,293	,986	-,75	,66
	Boomers	GenY	,264	,283	,621	-,42	,95
		GenX	,047	,293	,986	-,66	,55
Beemere Dieseure/fun (et	GenY	GenX	-,064	,230	,958	-,61	,78
Doomers-Pleasure/inin rai				,	,000	,•••	,-0
Boomers-Pleasure/fun (at work)		Boomers	,231	,250	,628	-,37	,83

		Boomers	,295	,249	,467	-,31	,90
	Boomers	GenY	-,231	,250	,628	-,83	,37
		GenX	-,295	,249	,467	-,90	,31
Boomers-Recognition GenY	GenY	GenX	-,014	,183	,997	-,45	,43
		Boomers	,375	,236	,262	-,20	,95
	GenX	GenY	,014	,183	,997	-,43	,45
		Boomers	,389	,245	,262	-,21	,98
	Boomers	GenY	-,375	,236	,262	-,95	,20
		GenX	-,389	,245	,262	-,98	,21

\*. The mean difference is significant at the 0.05 level.

## H1 – "Generation Y values"

					ptives	95% Confider	ce Interval for		
				Std.	Std.	95% Connder Me			
		N	Mean	Deviation	Error	Lower Bound	Upper Bound	Minimum	Maximum
GenY-Teamwork	GenY	36	5,39	,803	,134	5,12	5,66	3	
	GenX	37	5,38	1,010	,166	5,04	5,72	2	(
	Boomers	23	4,91	,996	,208	4,48	5,34	3	
	Total	96	5,27	,946	,097	5,08	5,46	2	(
GenY-	GenY	35	5,23	,877	,148	4,93	5,53	3	(
Independence/autonomy	GenX	37	5,16	,928	,153	4,85	5,47	2	
	Boomers	23	4,30	,765	,159	3,97	4,64	3	
	Total	95	4,98	,945	,097	4,79	5,17	2	
GenY-Security/stability	GenY	35	5,34	,838	,142	5,05	5,63	3	
, ,	GenX	37	4,84	1,236	,203	4,43	5,25	2	(
	Boomers	23	4,83	1,029	,215	4,38	5,27	3	(
	Total	95	5,02	1,072	,110	4,80	5,24	2	(
GenY-Professionalism	GenY	35	5,34	,873	,147	5,04	5,64	3	
	GenX	37	5,00	1,155	,190	4,62	5,38	1	(
	Boomers	23	4,48	1,082	,226	4,01	4,95	2	(
	Total	95	5,00	1,082	,111	4,78	5,22	1	(
GenY-Flexibility	GenY	35	5,31	,796	,135	5,04	5,59	3	(
	GenX	36	4,89	1,116	,186	4,51	5,27	2	(
	Boomers	23	3,78	1,204	,251	3,26	4,30	1	ł
	Total	94	4,78	1,184	,122	4,53	5,02	1	(
GenY-Formal authority	GenY	35	4,57	,884	,149	4,27	4,88	3	(
,	GenX	37	4,46	1,169	,192	4,07	4,85	2	
	Boomers	22	3,82	1,006	,215	3,37	4,26	2	
	Total	94	4,35	1,065	,110	4,13	4,57	2	(
GenY-Openness to new	GenY	35	5,26	,950	,161	4,93	5,58	3	(
technology	GenX	37	5,32	,852	,140	5,04	5,61	3	(
	Boomers	23	4,70	1,063	,222	4,24	5,16	2	(
	Total	95	5,15	,967	,099	4,95	5,34	2	(
GenY-Face-to-face	GenY	35	5,23	,843	,143	4,94	5,52	3	
communication	GenX	37	4,95	1,201	,197	4,55	5,35	1	(
	Boomers	23	4,17	1,193	,249	3,66	4,69	1	(
	Total	95	4,86	1,145	,117	4,63	5,10	1	(
GenY-E-mail	GenY	35	4,97	,985	,166	4,63	5,31	3	(
communication	GenX	37	5,11	1,048	,172	4,76	5,46	2	
	Boomers	23	4,52	1,039	,217	4,07	4,97	1	
	Total	95	4,92	1,038	,107	4,70	5,13	1	
GenY-Social media	GenY	35	4,37	1,285	,217	3,93	4,81	1	
	GenX	37	5,03	1,258	,207	4,61	5,45	1	
	Boomers	23	4,74	1,214	,253	4,21	5,26	1	
	Total	95	4,72	1,277	, <u>1</u> 31	4,46	4,98	1	(
	GenY	35	5,14	,912	,154	4,83	5,46	3	(

GenY-Clear	GenX	37	4,92	1,010	,166	4,58	5,26	2	6
structure/organization	Boomers	23	4,22	1,043	,217	3,77	4,67	1	6
	Total	95	4,83	1,038	,107	4,62	5,04	1	6
GenY-Empowered	GenY	35	5,09	,887	,150	4,78	5,39	3	6
participation (voice your	GenX	37	5,19	,908	,149	4,89	5,49	2	6
opinion)	Boomers	23	4,35	1,191	,248	3,83	4,86	1	6
	Total	95	4,95	1,025	,105	4,74	5,16	1	6
GenY-Learning/training	GenY	35	5,09	,853	,144	4,79	5,38	3	6
opportunities	GenX	37	5,41	,865	,142	5,12	5,69	2	6
	Boomers	23	4,74	1,137	,237	4,25	5,23	2	6
	Total	95	5,13	,959	,098	4,93	5,32	2	6
GenY-Pleasure/fun (at	GenY	35	5,23	,942	,159	4,90	5,55	3	6
work)	GenX	37	5,43	,929	,153	5,12	5,74	2	6
	Boomers	23	4,91	1,411	,294	4,30	5,52	1	6
	Total	95	5,23	1,076	,110	5,01	5,45	1	6
GenY-Recognition	GenY	35	5,43	,850	,144	5,14	5,72	3	6
	GenX	37	5,32	,884	,145	5,03	5,62	2	6
	Boomers	22	4,59	1,182	,252	4,07	5,11	2	6
	Total	94	5,19	,998	,103	4,99	5,40	2	6

#### Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
GenY-Teamwork	,680	2	93	,509
GenY-Independence/autonomy	,133	2	92	,876
GenY-Security/stability	2,667	2	92	,075
GenY-Professionalism	,477	2	92	,622
GenY-Flexibility	1,852	2	91	,163
GenY-Formal authority	2,198	2	91	,117
GenY-Openness to new technology	,507	2	92	,604
GenY-Face-to-face communication	,588	2	92	,557
GenY-E-mail communication	,179	2	92	,836
GenY-Social media	,264	2	92	,768
GenY-Clear structure/organization	,169	2	92	,845
GenY-Empowered participation (voice your opinion)	1,015	2	92	,367
GenY-Learning/training opportunities	2,097	2	92	,129
GenY-Pleasure/fun (at work)	2,485	2	92	,089
GenY-Recognition	1,665	2	91	,195

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
GenY-Teamwork	Between Groups	3,874	2	1,937	2,222	,114
	Within Groups	81,084	93	,872		
	Total	84,958	95			
GenY-Independence/autonomy	Between Groups	13,890	2	6,945	9,119	,000
	Within Groups	70,068	92	,762		
	Total	83,958	94			
GenY-Security/stability	Between Groups	5,741	2	2,870	2,583	,081
	Within Groups	102,217	92	1,111		
	Total	107,958	94			
GenY-Professionalism	Between Groups	10,375	2	5,188	4,791	,010
	Within Groups	99,625	92	1,083		
	Total	110,000	94			
GenY-Flexibility	Between Groups	33,297	2	16,649	15,617	,000
	Within Groups	97,011	91	1,066		
	Total	130,309	93			

GenY-Formal authority	Between Groups	8,382	2	4,191	3,930	,023
	Within Groups	97,033	91	1,066		
	Total	105,415	93			
GenY-Openness to new	Between Groups	6,273	2	3,137	3,534	,033
technology	Within Groups	81,663	92	,888,		
	Total	87,937	94			
GenY-Face-to-face	Between Groups	15,853	2	7,927	6,792	,002
communication	Within Groups	107,368	92	1,167		
	Total	123,221	94			
GenY-E-mail communication	Between Groups	5,048	2	2,524	2,412	,095
	Within Groups	96,278	92	1,047		
	Total	101,326	94			
GenY-Social media	Between Groups	7,747	2	3,874	2,448	,092
	Within Groups	145,579	92	1,582		
	Total	153,326	94			
GenY-Clear	Between Groups	12,350	2	6,175	6,386	,003
structure/organization	Within Groups	88,956	92	,967		
	Total	101,305	94			
GenY-Empowered participation	Between Groups	11,101	2	5,550	5,827	,004
(voice your opinion)	Within Groups	87,636	92	,953		
	Total	98,737	94			
GenY-Learning/training	Between Groups	6,388	2	3,194	3,668	,029
opportunities	Within Groups	80,097	92	,871		
	Total	86,484	94			
GenY-Pleasure/fun (at work)	Between Groups	3,827	2	1,913	1,675	,193
	Within Groups	105,079	92	1,142		
	Total	108,905	94			
GenY-Recognition	Between Groups	10,555	2	5,278	5,857	,004
	Within Groups	81,998	91	,901		
	Total	92,553	93			

#### **Robust Tests of Equality of Means**

		Statistic <sup>a</sup>	df1	df2	Sig.
GenY-Teamwork	Welch	2,037	2	53,696	,140
	Brown-Forsythe	2,172	2	76,836	,121
GenY-Independence/autonomy	Welch	10,750	2	57,700	,000
	Brown-Forsythe	9,542	2	89,878	,000
GenY-Security/stability	Welch	3,077	2	53,928	,054
	Brown-Forsythe	2,634	2	80,151	,078
GenY-Professionalism	Welch	5,151	2	53,728	,009
	Brown-Forsythe	4,756	2	78,091	,011
GenY-Flexibility	Welch	14,335	2	50,778	,000
	Brown-Forsythe	14,725	2	67,220	,000
GenY-Formal authority	Welch	4,268	2	53,220	,019
	Brown-Forsythe	4,001	2	80,069	,022
GenY-Openness to new	Welch	2,994	2	52,738	,059
technology	Brown-Forsythe	3,356	2	72,264	,040
GenY-Face-to-face	Welch	6,686	2	52,000	,003
communication	Brown-Forsythe	6,585	2	72,172	,002
GenY-E-mail communication	Welch	2,305	2	55,069	,109
	Brown-Forsythe	2,402	2	81,858	,097
GenY-Social media	Welch	2,364	2	55,942	,103
	Brown-Forsythe	2,477	2	85,246	,090
GenY-Clear	Welch	6,040	2	54,211	,004
structure/organization	Brown-Forsythe	6,261	2	78,196	,003
GenY-Empowered participation	Welch	4,344	2	51,682	,018
(voice your opinion)	Brown-Forsythe	5,349	2	64,423	,007

Welch	3,153	2	51,704	,051
Brown-Forsythe	3,370	2	64,613	,041
Welch	1,310	2	50,275	,279
Brown-Forsythe	1,473	2	55,954	,238
Welch	4,254	2	49,629	,020
Brown-Forsythe	5,287	2	59,727	,008
	Brown-Forsythe Welch Brown-Forsythe Welch	Brown-Forsythe3,370Welch1,310Brown-Forsythe1,473Welch4,254	Brown-Forsythe         3,370         2           Welch         1,310         2           Brown-Forsythe         1,473         2           Welch         4,254         2	Brown-Forsythe         3,370         2         64,613           Welch         1,310         2         50,275           Brown-Forsythe         1,473         2         55,954           Welch         4,254         2         49,629

a. Asymptotically F distributed.

Games-Howell

#### Multiple Comparisons

			Mean	Std.		95% Confide	
Dependent Variable	(I) Generations	(J) Generations	Difference (I-J)	Error	Sig.	Lower Bound	Upper Bound
GenY-Teamwork	GenY	GenX	,011	,213	,999	-,50	,52
		Boomers	,476	,247	,145	-,13	1,08
	GenX	GenY	-,011	,213	,999	-,52	,50
		Boomers	,465	,266	,198	-,18	1,11
	Boomers	GenY	-,476	,247	,145	-1,08	,13
		GenX	-,465	,266	,198	-1,11	,18
GenY-	GenY	GenX	,066	,213	,948	-,44	,58
Independence/autonomy		Boomers	,924*	,218	,000	,40	1,45
	GenX	GenY	-,066	,213	,948	-,58	,44
		Boomers	,858 <sup>*</sup>	,221	,001	,33	1,39
	Boomers	GenY	-,924*	,218	,000	-1,45	-,40
		GenX	-,858 <sup>*</sup>	,221	,001	-1,39	-,33
GenY-Security/stability	GenY	GenX	,505	,248	,111	-,09	1,10
		Boomers	,517	,257	,123	-,11	1,14
	GenX	GenY	-,505	,248	,111	-1,10	,09
		Boomers	,012	,296	,999	-,70	,72
	Boomers	GenY	-,517	,257	,123	-1,14	,11
	Doomoro	GenX	-,012	,296	,999	-,72	,70
GenY-Professionalism	GenY	GenX	,343	,200	,333	-,23	,10
	Com	Boomers	,865*	,240 ,269	,007	,23	,52 1,52
	GenX	GenY	-,343	,200	,333	-,92	,23
	Genx	Boomers	,522	,240 ,295	,333	-,32	,20 1,23
	Boomers	GenY	,322 -,865*	,293	,190	-1,52	-,21
	Doomers	GenX	-,522				
GenY-Flexibility	GenY	GenX		,295 ,230	,190 ,161	-1,23	,19
Gent - Flexibility	Gent	Boomers	,425 1 520*		-	-,13	,98, 2, 22
	Carl		1,532 <sup>*</sup>	,285	,000	,83	2,23
	GenX	GenY	-,425	,230	,161	-,98	,13
		Boomers	1,106*	,312	,003	,35	1,86
	Boomers	GenY	-1,532*	,285	,000,	-2,23	-,83
		GenX	-1,106*	,312	,003	-1,86	-,35
GenY-Formal authority	GenY	GenX	,112	,243	,890	-,47	,70
		Boomers	,753 <sup>*</sup>	,261	,017	,12	1,39
	GenX	GenY	-,112	,243	,890	-,70	,47
		Boomers	,641	,288	,077	-,05	1,34
	Boomers	GenY	-,753 <sup>*</sup>	,261	,017	-1,39	-,12
		GenX	-,641	,288	,077	-1,34	,05
GenY-Openness to new	GenY	GenX	-,067	,213	,947	-,58	,44
technology		Boomers	,561	,274	,112	-,10	1,23
	GenX	GenY	,067	,213	,947	-,44	,58
		Boomers	,629	,262	,054	-,01	1,27
	Boomers	GenY	-,561	,274	,112	-1,23	,10
		GenX	-,629	,262	,054	-1,27	,01
GenY-Face-to-face	GenY	GenX	,283	,243	,481	-,30	,87
communication		Boomers	1,055*	,287	,002	,35	1,76
	GenX	GenY	-,283	,243	,481	-,87	,30

		Boomers	,772 <sup>*</sup>	,318	,049	,00	1,54
	Boomers	GenY	-1,055*	,287	,002	-1,76	-,35
		GenX	-,772 <sup>*</sup>	,318	,049	-1,54	,00
GenY-E-mail	GenY	GenX	-,137	,240	,836	-,71	,44
communication		Boomers	,450	,273	,237	-,21	1,11
	GenX	GenY	,137	,240	,836	-,44	,71
		Boomers	,586	,277	,097	-,08	1,26
	Boomers	GenY	-,450	,273	,237	-1,11	,21
		GenX	-,586	,277	,097	-1,26	,08
GenY-Social media	GenY	GenX	-,656	,300	,081	-1,37	,06
		Boomers	-,368	,334	,517	-1,17	,44
	GenX	GenY	,656	,300	,081	-,06	1,37
		Boomers	,288	,327	,655	-,50	1,08
	Boomers	GenY	,368	,334	,517	-,44	1,17
		GenX	-,288	,327	,655	-1,08	,50
GenY-Clear	GenY	GenX	,224	,227	,587	-,32	,77
structure/organization		Boomers	,925 <sup>*</sup>	,267	,003	,28	1,57
	GenX	GenY	-,224	,227	,587	-,77	,32
		Boomers	,702 <sup>*</sup>	,274	,036	,04	1,36
	Boomers	GenY	-,925*	,267	,003	-1,57	-,28
		GenX	-,702 <sup>*</sup>	,274	,036	-1,36	-,04
GenY-Empowered	GenY	GenX	-,103	,212	,877	-,61	,40
participation (voice your		Boomers	,738 <sup>*</sup>	,290	,039	,03	1,45
opinion)	GenX	GenY	,103	,212	,877	-,40	,61
		Boomers	,841 <sup>*</sup>	,290	,017	,13	1,55
	Boomers	GenY	-,738 <sup>*</sup>	,290	,039	-1,45	-,03
		GenX	-,841 <sup>*</sup>	,290	,017	-1,55	-,13
GenY-Learning/training	GenY	GenX	-,320	,202	,262	-,80	,17
opportunities		Boomers	,347	,277	,432	-,33	1,02
	GenX	GenY	,320	,202	,262	-,17	,80
		Boomers	,666	,276	,053	-,01	1,34
	Boomers	GenY	-,347	,277	,432	-1,02	,33
		GenX	-,666	,276	,053	-1,34	,01
GenY-Pleasure/fun (at	GenY	GenX	-,204	,221	,627	-,73	,32
work)		Boomers	,316	,335	,617	-,50	1,13
	GenX	GenY	,204	,221	,627	-,32	,73
		Boomers	,519	,332	,274	-,29	1,33
	Boomers	GenY	-,316	,335	,617	-1,13	,50
		GenX	-,519	,332	,274	-1,33	,29
GenY-Recognition	GenY	GenX	,104	,204	,867	-,39	,59
-		Boomers	,838*	,290	,018	,13	1,55
	GenX	GenY	-,104	,204	,867	-,59	,39
		Boomers	,733*	,291	,042	,02	1,45
	Boomers	GenY	-,838*	,290	,018	-1,55	-,13
		GenX	-,733*	,291	,042	-1,45	-,02

\*. The mean difference is significant at the 0.05 level.

## H1 – "Generation X values"

				Descri	ptives				
						95% Confider	nce Interval for		
				Std.	Std.	Me	ean		
		Ν	Mean	Deviation	Error	Lower Bound	Upper Bound	Minimum	Maximum
GenX-Teamwork	GenY	36	5,33	,828,	,138	5,05	5,61	3	6
	GenX	37	5,68	,530	,087	5,50	5,85	4	6
	Boomers	23	5,13	,968	,202	4,71	5,55	3	6
	Total	96	5,42	,790	,081	5,26	5,58	3	6
	GenY	35	5,14	,772	,131	4,88	5,41	3	6

GenX-	GenX	37	5,30	,740	,122	5,05	5,54	3	6
Independence/autonomy	Boomers	23	3,30 4,70	,740 ,974	,122,	4,27	5,54 5,12	3	6
independence, adtenen,	Total	25 95	5,09	,839	,086	4,92	5,12	3	6
GenX-Security/stability	GenY	35	5,60	,604	,102	5,39	5,81	4	6
Conve Coounty/orability	GenX	37	5,68	,530	,087	5,50	5,85	4	6
	Boomers	23	4,83	,984	,205	4,40	5,25	3	6
	Total	95	5,44	,768	,079	5,29	5,60	3	6
GenX-Professionalism	GenY	35	5,43	,698	,118	5,19	5,67	4	6
	GenX	37	5,51	,692	,114	5,28	5,74	4	6
	Boomers	22	4,41	1,054	,225	3,94	4,88	2	6
	Total	94	5,22	,906	,093	5,04	5,41	2	6
GenX-Flexibility	GenY	35	5,26	,817	,138	4,98	5,54	3	6
	GenX	37	5,00	1,054	,173	4,65	5,35	2	6
	Boomers	23	4,48	,947	,198	4,07	4,89	3	6
	Total	95	4,97	,983	,101	4,77	5,17	2	6
GenX-Formal authority	GenY	35	4,71	,926	,156	4,40	5,03	3	6
	GenX	37	4,95	,941	,155	4,63	5,26	3	6
	Boomers	23	4,26	,752	,157	3,94	4,59	3	6
	Total	95	4,69	,923	,095	4,51	4,88	3	6
GenX-Openness to new	GenY	35	5,09	,853	,144	4,79	5,38	3	6
technology	GenX	37	4,84	1,068	,176	4,48	5,19	2	6
	Boomers	23	4,70	,822	,171	4,34	5,05	3	6
	Total	95	4,89	,939	,096	4,70	5,09	2	6
GenX-Face-to-face	GenY	35	5,20	,901	,152	4,89	5,51	3	6
communication	GenX	37	5,24	,830	,136	4,97	5,52	3	6
	Boomers	23	4,39	,891	,186	4,01	4,78	3	6
	Total	95	5,02	,934	,096	4,83	5,21	3	6
GenX-E-mail	GenY	35	4,71	,987	,167	4,38	5,05	2	6
communication	GenX	37	4,70	1,222	,201	4,30	5,11	2	6
	Boomers	23	4,48	,947	,198	4,07	4,89	2	6
	Total	95	4,65	1,070	,110	4,43	4,87	2	6
GenX-Social media	GenY	35	4,09	1,245	,211	3,66	4,51	2	6
	GenX	37	4,24	1,278	,210	3,82	4,67	2	6
	Boomers	23	4,65	,885	,184	4,27	5,03	3	6
	Total	95	4,28	1,191	,122	4,04	4,53	2	6
GenX-Clear	GenY	35	5,14	,912	,154	4,83	5,46	3	6
structure/organization	GenX	37	5,22	,821	,135	4,94	5,49	3	6
	Boomers	23	4,65	,832	,173	4,29	5,01	3	6
	Total	95	5,05	,880	,090	4,87	5,23	3	6
GenX-Empowered	GenY	35	5,11	,963	,163	4,78	5,45	3	6
participation (voice your	GenX	37	5,41	,686	,113	5,18	5,63	4	6
opinion)	Boomers	23	4,57	1,121	,234	4,08	5,05	2	6
	Total	95	5,09	,957	,098	4,90	5,29	2	6
GenX-Learning/training	GenY	35	5,11	,932	,158	4,79	5,43	3	6
opportunities	GenX	37	5,46	,730	,120	5,22	5,70	4	6
	Boomers	23	4,57	1,121	,234	4,08	5,05	2	6
	Total	95	5,12	,966	,099	4,92	5,31	2	6
GenX-Pleasure/fun (at	GenY	35	5,29	,860	,145	4,99	5,58	3	6
work)	GenX	37	5,65	,588	,097	5,45	5,84	4	6
	Boomers	23	4,87	1,217	,254	4,34	5,40	2	6
	Total	95	5,33	,916	,094	5,14	5,51	2	6
GenX-Recognition	GenY	35	5,34	,802	,136	5,07	5,62	3	6
	GenX	37	5,68	,530	,087	5,50	5,85	4	6
	Boomers	22	4,82	1,140	,243	4,31	5,32	3	6
	Total	94	5,35	,864	,089	5,17	5,53	3	6

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
GenX-Teamwork	7,862	2	93	,001
GenX-Independence/autonomy	2,484	2	92	,089
GenX-Security/stability	8,358	2	92	,000
GenX-Professionalism	3,543	2	91	,033
GenX-Flexibility	,307	2	92	,736
GenX-Formal authority	,583	2	92	,560
GenX-Openness to new technology	1,643	2	92	,199
GenX-Face-to-face communication	,128	2	92	,880
GenX-E-mail communication	1,765	2	92	,177
GenX-Social media	2,342	2	92	,102
GenX-Clear structure/organization	,032	2	92	,968
GenX-Empowered participation (voice your opinion)	3,206	2	92	,045
GenX-Learning/training opportunities	2,531	2	92	,085
GenX-Pleasure/fun (at work)	10,461	2	92	,000
GenX-Recognition	15,362	2	91	,000

		ANOVA				
		Sum of Squares	df	Mean Square	F	Sig.
GenX-Teamwork	Between Groups	4,617	2	2,308	3,923	,023
	Within Groups	54,717	93	,588		
	Total	59,333	95			
GenX-Independence/autonomy	Between Groups	5,262	2	2,631	3,976	,022
	Within Groups	60,885	92	,662		
	Total	66,147	94			
GenX-Security/stability	Between Groups	11,619	2	5,810	12,199	,000
	Within Groups	43,812	92	,476		
	Total	55,432	94			
GenX-Professionalism	Between Groups	19,176	2	9,588	15,271	,000
	Within Groups	57,133	91	,628		
	Total	76,309	93			
GenX-Flexibility	Between Groups	8,480	2	4,240	4,733	,011
	Within Groups	82,425	92	,896		
	Total	90,905	94			
GenX-Formal authority	Between Groups	6,678	2	3,339	4,181	,018
	Within Groups	73,470	92	,799		
	Total	80,147	94			
GenX-Openness to new	Between Groups	2,308	2	1,154	1,317	,273
technology	Within Groups	80,639	92	,877		
	Total	82,947	94			
GenX-Face-to-face	Between Groups	12,069	2	6,034	7,944	,001
communication	Within Groups	69,889	92	,760		
	Total	81,958	94			
GenX-E-mail communication	Between Groups	,925	2	,463	,399	,672
	Within Groups	106,612	92	1,159		
	Total	107,537	94			
GenX-Social media	Between Groups	4,555	2	2,278	1,627	,202
	Within Groups	128,771	92	1,400		
	Total	133,326	94			
GenX-Clear	Between Groups	4,963	2	2,482	3,369	,039
structure/organization	Within Groups	67,773	92	,737		
	Total	72,737	94			
GenX-Empowered participation	Between Groups	10,033	2	5,017	6,064	,003
(voice your opinion)	Within Groups	76,114	92	,827	·	
	Total	86,147	94			
GenX-Learning/training	Between Groups	11,342	2	5,671	6,830	,002
opportunities	Within Groups	76,384	92	,830		
	Total	87,726	94	,		

GenX-Pleasure/fun (at work)	Between Groups	8,700	2	4,350	5,702	,005
	Within Groups	70,184	92	,763		
	Total	78,884	94			
GenX-Recognition	Between Groups	10,148	2	5,074	7,791	,001
	Within Groups	59,267	91	,651		
	Total	69,415	93			

	Robust Tests of	Statistic <sup>a</sup>	df1	df2	Sig.
GenX-Teamwork	Welch	4,312	2	48,320	.019
Genz-Teamwork	Brown-Forsythe	3,515	2	40,320 59,205	,013
GenX-Independence/autonomy	Welch	3,188	2	51,916	,030
Genx-independence/autonomy	Brown-Forsythe	3,100	2	66,468	,043
GenX-Security/stability	Welch	7,250	2	48,647	,001
Genx-Security/stability	Brown-Forsythe	10,231	2	48,018	,002
GenX-Professionalism	Welch	9,888	2	48,490	,000
Genz-i Tolessionalism	Brown-Forsythe	13,253	2	40,490 52,942	,000,000,
GenX-Flexibility	Welch	5,160	2	54,616	,000
Genz-riexibility	Brown-Forsythe	4,765	2	81,170	,009
GenX-Formal authority	Welch	4,765	2	58,348	,011
Genz-Formal additionty		4,935	2	90,960	,
ConV Openness to new	Brown-Forsythe	,	2	,	,015
GenX-Openness to new technology	Welch	1,584		57,178	,214
0.	Brown-Forsythe	1,384	2	88,041	,256
GenX-Face-to-face	Welch	7,655	2	54,691	,001
communication	Brown-Forsythe	7,859	2	80,952	,001
GenX-E-mail communication	Welch	,477	2	57,203	,623
	Brown-Forsythe	,419	2	88,181	,659
GenX-Social media	Welch	2,232	2	59,955	,116
	Brown-Forsythe	1,772	2	91,937	,176
GenX-Clear	Welch	3,528	2	55,585	,036
structure/organization	Brown-Forsythe	3,397	2	84,340	,038
GenX-Empowered participation	Welch	5,407	2	49,385	,008
(voice your opinion)	Brown-Forsythe	5,496	2	62,133	,006
GenX-Learning/training	Welch	6,057	2	50,298	,004
opportunities	Brown-Forsythe	6,209	2	62,911	,003
GenX-Pleasure/fun (at work)	Welch	5,233	2	47,077	,009
. ,	Brown-Forsythe	4,830	2	49,907	,012
GenX-Recognition	Welch	6,523	2	45,043	,003
č	Brown-Forsythe	6,468	2	46,691	,003

a. Asymptotically F distributed.

#### **Multiple Comparisons**

Games-Howell							
			Mean	Std.		95% Confide	ence Interval
Dependent Variable	(I) Generations	(J) Generations	Difference (I-J)	Error	Sig.	Lower Bound	Upper Bound
GenX-Teamwork	GenY	GenX	-,342	,163	,099	-,73	,05
		Boomers	,203	,244	,687	-,39	,80
	GenX	GenY	,342	,163	,099	-,05	,73
		Boomers	,545 <sup>*</sup>	,220	,048	,00	1,09
	Boomers	GenY	-,203	,244	,687	-,80	,39
		GenX	-,545 <sup>*</sup>	,220	,048	-1,09	,00
GenX-	GenY	GenX	-,154	,178	,664	-,58	,27
Independence/autonomy		Boomers	,447	,241	,166	-,14	1,04
	GenX	GenY	,154	,178	,664	-,27	,58

		Boomers	,602*	,237	,040	,02	1,18
	Boomers	GenY	-,447	,241	,166	-1,04	,14
		GenX	-,602*	,237	,040	-1,18	-,02
GenX-Security/stability	GenY	GenX	-,076	,134	,840	-,40	,25
		Boomers	,774*	,229	,005	,21	1,34
	GenX	GenY	,076	,134	,840	-,25	,40
	<b></b>	Boomers	,850 <sup>*</sup>	,223	,002	,30	1,40
	Boomers	GenY	-,774 <sup>*</sup>	,229	,005	-1,34	-,21
GenX-Professionalism	GenY	GenX GenX	-,850* -,085	,223 ,164	,002 ,863	-1,40 -,48	-,30 ,31
Genz-Professionalism	Genn	Boomers	-,085 1,019 <sup>°</sup>	,164 ,254	,003	-,40 ,40	,31 1,64
	GenX	GenY	,085	,234	,001	-,31	,48
	Genx	Boomers	,085 1,104 <sup>*</sup>	,104	,000	,49	,40 1,72
	Boomers	GenY	-1,019*	,252	,000	-1,64	-,40
	Doomero	GenX	-1,104 <sup>*</sup>	,252	,000	-1,72	,40 -,49
GenX-Flexibility	GenY	GenX	,257	,222	,481	-,27	,10
Competition		Boomers	, <u> </u>	,241	,007	,19	1,36
	GenX	GenY	-,257	,222	,481	-,79	,27
		Boomers	,522	,263	,126	-,11	1,16
	Boomers	GenY	-,779*	,241	,007	-1,36	-,19
		GenX	-,522	,263	,126	-1,16	,11
GenX-Formal authority	GenY	GenX	-,232	,220	,546	-,76	,30
		Boomers	,453	,222	,111	-,08	,99
	GenX	GenY	,232	,220	,546	-,30	,76
		Boomers	,685 <sup>*</sup>	,220	,008	,15	1,22
	Boomers	GenY	-,453	,222	,111	-,99	,08
		GenX	-,685*	,220	,008	-1,22	-,15
GenX-Openness to new technology	GenY	GenX	,248	,227	,523	-,30	,79
		Boomers	,390	,224	,200	-,15	,93
	GenX	GenY	-,248	,227	,523	-,79	,30
		Boomers	,142	,245	,832	-,45	,73
	Boomers	GenY	-,390	,224	,200	-,93	,15
		GenX	-,142	,245	,832	-,73	,45
GenX-Face-to-face	GenY	GenX	-,043	,204	,976	-,53	,45
communication		Boomers	,809 <sup>*</sup>	,240	,004	,23	1,39
	GenX	GenY	,043	,204	,976	-,45	,53
		Boomers	,852 <sup>*</sup>	,231	,002	,29	1,41
	Boomers	GenY	-,809*	,240	,004	-1,39	-,23
		GenX	-,852*	,231	,002	-1,41	-,29
GenX-E-mail	GenY	GenX	,012	,261	,999	-,61	,64
communication		Boomers	,236	,259	,635	-,39	,86
	GenX	GenY	-,012	,261	,999	-,64	,61
	Boomers	Boomers	,224	,282	,707	-,45	,90
	Boomers	GenY	-,236	,259	,635	-,86	,39
CanV Casial madia	ConV	GenX GenX	-,224	,282	,707	-,90	,45
GenX-Social media	GenY		-,158	,297 280	,857	-,87	,55
	ConV	Boomers GenY	-,566	,280	,116	-1,24	,11
	GenX	Boomers	,158 -,409	,297 ,280	,857 ,316	-,55 -1,08	,87 26
	Boomers	GenY	-,409	,280	,316	-1,08	,26 1,24
	Doomers	GenX	,500	,280	,110		
GenX-Clear	GenY	GenX	-,073	,280	,316	-,26 -,56	1,08 ,42
structure/organization	Cont	Boomers	-,073 ,491	,205 ,232	,932 ,097	-,50 -,07	,42 1,05
	GenX	GenY	,491	,205	,097	-,07	,56
	CONA	Boomers	,073 ,564*	,205 ,220	,932	-,42 ,03	,50 1,10
	Boomers	GenY	-,491	,220	,030	-1,05	,07
	DOOLIGIS			,232 ,220	,097	-1,05	,07 -,03
					. ( , )( )	-1.10	-,03
GenX-Empowered	GenV	GenX	-,564 <sup>*</sup>				
GenX-Empowered participation (voice your	GenY	GenX Boomers	-,364 -,291 ,549	,198 ,285	,312 ,144	-,77 -,14	,18 1,24

		Boomers	,840*	,260	,008	,20	1,48
	Boomers	GenY	-,549	,285	,144	-1,24	,14
		GenX	-,840*	,260	,008	-1,48	-,20
GenX-Learning/training	GenY	GenX	-,345	,198	,197	-,82	,13
opportunities		Boomers	,549	,282	,138	-,14	1,23
	GenX	GenY	,345	,198	,197	-,13	,82
		Boomers	,894 <sup>*</sup>	,263	,005	,25	1,54
	Boomers	GenY	-,549	,282	,138	-1,23	,14
		GenX	-,894*	,263	,005	-1,54	-,25
GenX-Pleasure/fun (at	GenY	GenX	-,363	,175	,103	-,78	,06
work)		Boomers	,416	,293	,340	-,30	1,13
	GenX	GenY	,363	,175	,103	-,06	,78
		Boomers	,779 <sup>*</sup>	,272	,020	,11	1,45
	Boomers	GenY	-,416	,293	,340	-1,13	,30
		GenX	-,779 <sup>*</sup>	,272	,020	-1,45	-,11
GenX-Recognition	GenY	GenX	-,333	,161	,106	-,72	,05
		Boomers	,525	,278	,158	-,16	1,21
	GenX	GenY	,333	,161	,106	-,05	,72
		Boomers	,857 <sup>*</sup>	,258	,007	,22	1,50
	Boomers	GenY	-,525	,278	,158	-1,21	,16
		GenX	-,857*	,258	,007	-1,50	-,22

\*. The mean difference is significant at the 0.05 level.

#### Hypothesis 2

Reliability Statistics						
	Cronbach's Alpha					
	Based on					
Cronbach's Alpha	Standardized Items	N of Items				
,231	,344	5	5			

		Item-Total Statist	ics		
	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item- Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
I prefer to work with people close	11,84	7,944	,404	,569	-,164ª
to my age on team-oriented work. I prefer to work with people of diverse ages for day-to-day workings within my department. (inverted)	12,50	10,674	,261	,094	,078
I prefer to work with people close to my age on long-term, far- reaching initiatives.	11,32	7,905	,430	,458	-,190ª
Working with people of different ages than me is usually more difficult than working with people	11,94	8,712	,375	,262	-,091ª
who are close to me in age. I prefer my immediate supervisor to be older than me in age. (inverted)	10,73	17,989	-,477	,274	,728

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

Descriptive Statistics							
N	Minimum	Maximum	Mean	Std. Deviation			

ASP_index	96	2,00	4.80	3 1292	.75001
AGI _IIIUEA	00	2,00	4,00	0,1202	,10001
Valid N (listwise)	96				
	30				

Correlations							
		ASP_Index	Age (in years)				
ASP_Index	Pearson Correlation	1	-,037				
	Sig. (2-tailed)		,722				
	N	96	96				
Age (in years)	Pearson Correlation	-,037	1				
	Sig. (2-tailed)	,722					
	Ν	96	98				

					95% Confiden	ce Interval for		
			Std.	Std.	Me	an		
	Ν	Mean	Deviation	Error	Lower Bound	Upper Bound	Minimum	Maximum
GenY	35	2,7571	,89007	,15045	2,4514	3,0629	1,00	4,50
GenX	36	2,6667	1,24929	,20821	2,2440	3,0894	1,00	5,50
Boomers	25	2,6000	1,01807	,20361	2,1798	3,0202	1,00	4,50
Total	96	2,6823	1,06034	,10822	2,4674	2,8971	1,00	5,50

Test of Homogeneity of Variances						
ASP_Index	-	-				
Levene Statistic	df1	df	2	Sig.		
3,831		2	93	,025		

ASP_Index ANOVA						
	Sum of Squares	df	Mean Square	F	Sig.	
Between Groups	,374	2	,187	,163	,849	
Within Groups	106,436	93	1,144			
Total	106,810	95				

#### **Robust Tests of Equality of Means**

ASP_Index				
	Statistic <sup>a</sup>	df1	df2	Sig.
Welch	,201	2	57,494	,819
Brown-Forsythe	,167	2	85,278	,847
ο Λουποτοtically Γ d	iotributed			

a. Asymptotically F distributed.

#### **Multiple Comparisons**

#### Dependent Variable: ASP\_Index Games-Howell

Mean Difference (I-					95% Confidence Interval		
(I) Generations	(J) Generations	J)	Std. Error	Sig.	Lower Bound	Upper Bound	
GenY	GenX	,09048	,25688	,934	-,5260	,7070	
	Boomers	,15714	,25317	,810	-,4554	,7697	
GenX	GenY	-,09048	,25688	,934	-,7070	,5260	
	Boomers	,06667	,29122	,972	-,6340	,7673	
Boomers	GenY	-,15714	,25317	,810	-,7697	,4554	
	GenX	-,06667	,29122	,972	-,7673	,6340	

## Hypothesis 3 – Commitment

Case Processing Summary					
		Ν	%		
Cases	Valid	95	96,9		
	Excluded <sup>a</sup>	3	3,1		
	Total	98	100,0		
a. Listwis	e deletion based or	n all variables in t	he		

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics						
	Cronbach's Alpha					
	Based on					
Cronbach's Alpha	Standardized Items	N of Items				
.788	,792	6				

Item Statistics						
	Mean	Std. Deviation	Ν			
I would be very happy to spend the rest of my career with this organization.	4,4105	1,44026				
I really feel as if this organization's problems are my own.	4,4737	1,22771				
I do not feel like "part of the family" at my organization. (inverted)	4,9474	1,37120				
I do not feel "emotionally attached" to this organization. (inverted)	5,0842	1,30191				
This organization has a great deal of personal meaning for me.	4,5895	1,38760				

Inter-Item Correlation Matrix

I do not feel a "strong" sense of belonging to my organization. (inverted)

5,3789

	I would be very happy to spend the rest of my career with this organization.	I really feel as if this organization's problems are my own.	I do not feel like "part of the family" at my organization. (inverted)	I do not feel "emotionally attached" to this organization. (inverted)	This organization has a great deal of personal meaning for me.	I do not feel a "strong" sense of belonging to my organization. (inverted)
I would be very happy to spend the rest of my career with this organization.	1,000	,521	,140	,288	,447	,080
I really feel as if this organization's problems are my own.	,521	1,000	,287	,427	,540	,306
I do not feel like "part of the family" at my organization. (inverted)	,140	,287	1,000	,658	,307	,589
I do not feel "emotionally attached" to this organization. (inverted)	,288	,427	,658	1,000	,349	,614
This organization has a great deal of personal meaning for me.	,447	,540	,307	,349	1,000	,276
I do not feel a "strong" sense of belonging to my organization. (inverted)	,080	,306	,589	,614	,276	1,000

Item-Total Statistics									
	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item- Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted				
I would be very happy to spend the rest of my career with this organization.	24,4737	22,592	,403	,340	,791				
I really feel as if this organization's problems are my own.	24,4105	21,819	,598	,438	,743				
l do not feel like "part of the family" at my organization. (inverted)	23,9368	21,443	,541	,495	,756				

95

95 95 95

95

95

1,13155

I do not feel "emotionally attached" to this organization.	23,8000	20,630	,665	,564	,725
(inverted) I really feel as if this organization's problems are my own.	24,2947	21,338	,540	,359	,756
l do not feel a "strong" sense of belonging to my organization. (inverted)	23,5053	23,295	,514	,456	,763

Scale Statistics							
Mean	Variance	Std. Deviation	N of Items				
28,8842	30,189	5,49441	6				

#### Hypothesis 3 – Age Diversity Climate

Case Processing Summary						
		Ν	%			
Cases	Valid	94	95,9			
	Excluded <sup>a</sup>	4	4,1			
	Total	98	100,0			
a. Listwise deletion based on all variables in the procedure.						

Reliability Statistics						
	Cronbach's Alpha					
	Based on					
Cronbach's Alpha	Standardized Items	N of Items				
,872	,873		7			

Item Statistics							
	Mean	Std. Deviation	Ν				
Employees are developed (i.e. training) and advanced without regard to the age of the individual.	4,99	1,240	94				
Managers in my organization demonstrate through their actions that they want to hire and retain an age-diverse workforce.	4,10	1,445	94				
I feel that my immediate manager/supervisor does a good job managing people of different ages.	4,74	1,200	94				
It is easy for people from diverse age groups to fit in and be accepted.	4,85	1,145	94				
All workers have the same opportunities to get an adequate evaluation, regardless their age.	4,80	1,308	94				
The work is adjusted to workers' needs over time.	4,13	1,401	94				
Experience, skills and knowledge of workers are recognized, irrespective of their age.	4,54	1,325	94				

#### Inter-Item Correlation Matrix

	Employees are developed (i.e. training) and advanced without regard to the age of the individual.	Managers in my organization demonstrate through their actions that they want to hire and retain an age-diverse workforce.	I feel that my immediate manager/sup ervisor does a good job managing people of different ages.	It is easy for people from diverse age groups to fit in and be accepted.	All workers have the same opportunities to get an adequate evaluation, regardless their age.	The work is adjusted to workers' needs over time.	Experience, skills and knowledge of workers are recognized, irrespective of their age.
Employees are developed (i.e. training) and advanced without regard to the age of the individual.	1,000	,361	,410	,294	,430	,310	,573

Managers in my organization demonstrate through their actions that they want to hire and retain an age-diverse workforce.	,361	1,000	,312	,516	,545	,557	,557
I feel that my immediate manager/supervisor does a good job managing people of different ages.	,410	,312	1,000	,559	,529	,295	,561
It is easy for people from diverse age groups to fit in and be accepted. All workers have the same	,294	,516	,559	1,000	,755	,501	,543
opportunities to get an adequate evaluation, regardless their age.	,430	,545	,529	,755	1,000	,595	,678
The work is adjusted to workers' needs over time.	,310	,557	,295	,501	,595	1,000	,547
Experience, skills and knowledge of workers are recognized, irrespective of their age.	,573	,557	,561	,543	,678	,547	1,000

	Item-Total Statistics							
	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted			
Employees are developed (i.e. training) and advanced without regard to the age of the individual.	27,16	37,555	,507	,356	,872			
Managers in my organization demonstrate through their actions that they want to hire and retain an age-diverse workforce.	28,05	34,180	,623	,441	,859			
I feel that my immediate manager/supervisor does a good job managing people of different ages.	27,40	37,082	,566	,439	,865			
It is easy for people from diverse age groups to fit in and be accepted.	27,30	35,889	,699	,632	,849			
All workers have the same opportunities to get an adequate evaluation, regardless their age.	27,35	33,177	,790	,696	,835			
The work is adjusted to workers' needs over time.	28,02	34,688	,615	,454	,859			
Experience, skills and knowledge of workers are recognized, irrespective of their age.	27,61	33,209	,774	,630	,837			

Scale Statistics									
Mean	Variance	Std. Deviation	N of Items						
32,15	46,795	6,841	7						

	Descriptives											
Commitmen	t_index											
—		Mean	Std.	Std.	95% Confidence	Interval for Mean	– Minimum	Maximum				
N	Iviean	Deviation	Error	Lower Bound	Upper Bound	IVIIIIIIIIUIII	IVIAXIIIIUIII					
GenY	35	4,64	,913	,154	4,32	4,95	3,00	6,00				
GenX	36	4,85	,896	,149	4,55	5,15	2,67	6,00				
Boomers	24	5,00	,942	,192	4,60	5,39	2,67	6,00				
Total	95	4,81	,915	,093	4,62	5,00	2,67	6,00				

		ANOVA	1		
Commitment_index					
	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	1,920	2	,960	1,149	,322
Within Groups	76,905	92	,836		

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Total 78,826
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Descriptives												
Age diversity climate												
	N Mean		Std.	Std.	95% Confidence I	Minimum	Maximum					
	IN	Mean	Deviation	Error	Lower Bound	Upper Bound	wiiniiniiniiniiniiniiniiniiniiniiniiniin	Maximum				
GenY	34	4,79	,814	,139	4,51	5,07	3,00	6,00				
GenX	37	4,37	1,045	,171	4,02	4,72	2,29	6,00				
Boomers	23	4,63	1,054	,219	4,18	5,09	2,14	6,00				
Total	94	4,59	,977	,100	4,39	4,79	2,14	6,00				

94

		ANOVA	١		
Age diversity climate					
	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	3,130	2	1,565	1,662	,195
Within Groups	85,685	91	,942		
Total	88,815	93			

				Descrip	otives				
		Ν	Mean	Std. Deviation	Std. Error	95% Confidence Lower Bound	Interval for Mean Upper Bound	Minimum	Maximum
I would be yeary beeny to	GenY	36	4,28	1,279	,213	3,85	4,71	1,00	6,00
I would be very happy to	GenX	37	4,24	1,640	,270	3,70	4,79	1,00	6,00
spend the rest of my career	Boomers	24	4,92	1,248	,255	4,39	5,44	1,00	6,00
with this organization.	Total	97	4,42	1,435	,146	4,13	4,71	1,00	6,00
I really feel as if this	GenY	35	4,23	1,114	,188	3,85	4,61	2,00	6,00
5	GenX	37	4,51	1,193	,196	4,12	4,91	2,00	6,00
organization's problems are	Boomers	24	4,67	1,494	,305	4,04	5,30	1,00	6,00
my own.	Total	96	4,45	1,247	,127	4,20	4,70	1,00	6,00
I do not fool like "nort of the	GenY	35	4,89	1,388	,235	4,41	5,36	1,00	6,00
I do not feel like "part of the	GenX	36	4,97	1,341	,224	4,52	5,43	1,00	6,00
family" at my organization.	Boomers	24	5,00	1,445	,295	4,39	5,61	2,00	6,00
(inverted)	Total	95	4,95	1,371	,141	4,67	5,23	1,00	6,00
I do not fool "omotionally	GenY	35	5,03	1,317	,223	4,58	5,48	1,00	6,00
I do not feel "emotionally	GenX	37	5,00	1,333	,219	4,56	5,44	1,00	6,00
attached" to this organization.	Boomers	24	5,21	1,318	,269	4,65	5,76	1,00	6,00
(inverted)	Total	96	5,06	1,312	,134	4,80	5,32	1,00	6,00
This superinstica has a super-	GenY	35	4,34	1,259	,213	3,91	4,78	1,00	6,00
This organization has a great	GenX	37	4,51	1,426	,234	4,04	4,99	1,00	6,00
deal of personal meaning for	Boomers	24	4,96	1,546	,316	4,31	5,61	1,00	6,00
me.	Total	96	4,56	1,405	,143	4,28	4,85	1,00	6,00
I do not fool a "atrong" agness of	GenY	35	5,14	1,240	,209	4,71	5,56	2,00	6,00
I do not feel a "strong" sense of	GenX	37	5,64	,823	,135	5,37	5,92	2,00	6,00
belonging to my organization.	Boomers	24	5,25	1,326	,270	4,68	5,81	2,00	6,00
(inverted)	Total	96	5,36	1,134	,115	5,13	5,59	2,00	6,00

Descriptives									
		Ν	Mean	Std. Deviation	Std. Error	95% Confidence Lower Bound	Interval for Mean Upper Bound	Minimum	Maximum
Employees are developed (i.e.	GenY	36	5,06	1,286	,214	4,62	5,49	1,00	6,00
	GenX	37	4,73	1,427	,235	4,25	5,21	1,00	6,00
training) and advanced without regard to the age of the individual.	Boomers	24	5,13	1,076	,220	4,67	5,58	2,00	6,00
regard to the age of the individual.	Total	97	4,95	1,294	,131	4,69	5,21	1,00	6,00
Managers in my organization	GenY	34	4,24	1,350	,231	3,76	4,71	1,00	6,00
demonstrate through their actions	GenX	37	4,05	1,433	,236	3,58	4,53	1,00	6,00
that they want to hire and retain an	Boomers	25	4,04	1,620	,324	3,37	4,71	1,00	6,00
age-diverse workforce.	Total	96	4,11	1,443	,147	3,82	4,41	1,00	6,00
I feel that my immediate	GenY	35	4,86	1,089	,184	4,48	5,23	2,00	6,00
manager/supervisor does a good	GenX	37	4,35	1,418	,233	3,88	4,82	1,00	6,00
job managing people of different	Boomers	25	4,88	1,236	,247	4,37	5,39	1,00	6,00
ages.	Total	97	4,67	1,272	,129	4,41	4,93	1,00	6,00
It is easy for people from diverse	GenY	34	4,97	1,087	,186	4,59	5,35	1,00	6,00
age groups to fit in and be	GenX	37	4,68	1,226	,202	4,27	5,08	2,00	6,00
accepted.	Boomers	24	4,92	1,100	,225	4,45	5,38	1,00	6,00

	Total	95	4,84	1,142	,117	4,61	5,07	1,00	6,00
All workers have the same	GenY	35	4,94	1,211	,205	4,53	5,36	1,00	6,00
All workers have the same	GenX	37	4,62	1,479	,243	4,13	5,11	1,00	6,00
opportunities to get an adequate	Boomers	24	4,75	1,391	,284	4,16	5,34	1,00	6,00
evaluation, regardless their age.	Total	96	4,77	1,357	,139	4,50	5,05	1,00	6,00
The work is adjusted to workers'	GenY	34	4,44	1,021	,175	4,09	4,80	2,00	6,00
The work is adjusted to workers'	GenX	37	3,95	1,452	,239	3,46	4,43	1,00	6,00
needs over time.	Boomers	23	3,96	1,745	,364	3,20	4,71	1,00	6,00
	Total	94	4,13	1,401	,144	3,84	4,41	1,00	6,00
	GenY	34	4,76	,987	,169	4,42	5,11	3,00	6,00
Experience, skills and knowledge of workers are recognized, irrespective of their age.	<sup>n</sup> GenX	37	4,27	1,446	,238	3,79	4,75	1,00	6,00
	Boomers	24	4,63	1,498	,306	3,99	5,26	1,00	6,00
	Total	95	4,54	1,319	,135	4,27	4,81	1,00	6,00

#### Hypothesis 3

Run MATRIX procedure:

\*\*\*\*\*\*\*\*\*\*\* PROCESS Procedure for SPSS Beta Release 120212 \*\*\*\*\* Written by Andrew F. Hayes, Ph.D. http://www.afhayes.com \*\*\*\* Model = 1Y = Commitme X = AgeDivCl M = Age\_cent Sample size 92 \*\*\*\* Outcome: Commitme Model Summary R<sup>-</sup> R-sq F dfl df2 p ,6304 ,3974 19,3411 3,0000 88,0000 ,0000 Model coeffsetpconstant4,8184,075863,5891,0000Age\_cent,0158,00612,5942,0111AgeDivCl,5643,07817,2223,0000int\_1-,0003,0063-,0542,9569 Interactions: int 1 AgeDivCl X Age cent R-square increase due to interaction(s): df2 R2-chng F df1 р ,0000 ,0029 1,0000 88,0000 ,9569 int 1 \* \* \*

Conditional effect of X on Y at values of the moderator(s)

Age cent	Effect	se	t	р
-12 <b>,</b> 8374	<b>,</b> 5687	<b>,</b> 1191	4,7732	,0000
<b>-,</b> 2709	,5644	,0783	7,2034	,0000
12 <b>,</b> 2957	,5601	,1037	5,4008	,0000

Values for quantitative moderators are the mean and plus/minus one SD from mean  $% \left( {{{\rm{D}}_{{\rm{m}}}}} \right)$ 

NOTE: Some cases were deleted due to missing data. The number of such cases was: 6

----- END MATRIX -----