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Organizational Schizophrenia: Towards a Conceptualization and Scale Development

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Abstract

Organizations today are facing a lot of external turbulence and internal turbulence. Central to these problems is the people working in organizations and their problems. One of the problems that is of great importance but less talked about is organizational schizophrenia. It is a corollary drawn from the term "schizophrenia" of clinical psychology which is a psychological disorder. Many of its characteristics apply to organizations as well such as lack of alignment of policies and goals of the organization, double bind paradox, reality detachment and so on. Psychosis in organizations has been well studied and established. It is imperative to mitigate this psychotic problem in organizations before it assumes menacing proportions. But mitigation requires measurement. A four-factor scale consisting of 19 items which can measure the extent of organizational schizophrenia has been developed in this paper. Some of the challenging issues/ factors responsible for creating a schizophrenic organization were found to be confusion in corporate policies, leadership behavior, work environment and culture, trust, support and employee engagement.

Keywords: organizational schizophrenia, double bind paradox, reality detachment, Organizational neuroses, psychosis in organizations, schizoid organizations

Introduction

Industrial and Organizational Psychology deals with the application of principles of psychology to study individual behavior in an organization, group and behavior at organizational level (Zedeck & American Psychological Association, 2011). Of late I/O psychology has not just been dealing with normal behavior but even abnormal behavior as well in organizations. The dark side of organizational behavior, which is a manifestation of illogical, irrational and dysfunctional human behavior and negatively impacts businesses and organizations, has emerged as a vaunted area of research (Kose, 2023). Right from workplace incivility, organizational paranoia, mistrust, conflict, dysfunctional leadership, unethical behavior, workplace stress, workplace bullying, employee turnover, mobbing, and dark traits of personality (Bozkus, 2023) various such

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manifestations can be enumerated.

Organizations as well as employees working in them can be neurotic- which at times is being paranoid, sometimes compulsive and at times depressive. At times a neurosis is a reflection of the top boss's leadership style, but it can percolate down to the level where it affects the entire organization. Neurosis at time is a by- product of an organization's toxic culture (Kets de Vries & Miller, 1984) But irrespective of the debate around its origins, neurosis if aggravated can take the form of

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psychosis (psychotic traits among employees) which threatens the very existence of organizations and their continued survival. There has been a need for integration of psychiatric and psychological findings and insights with the theoretical aspects of organizational behavior to get to the bottom of many such organizational problems. Five different organizational neuroses and psychosis - paranoid, compulsive, dramatic, depressive, and schizoid have been identified in literature affecting planning, decision making, organizational cultures, and individual executives. These five can also be said as different neurotic/psychotic styles of top managers. Schizoid style can be said to be most psychotic among the five styles. An extreme manifestation of any such style would lead to dysfunctional organization and psychopathology. Parallels could be drawn between individual pathology-the excessive use of one neurotic/psychotic style and organizational pathology. Hence there is a need for linking intrapsychic phenomena as manifested by neurotic style and organizational adaptive characteristics (Kets de Vries & Miller, 1984).

The five neurotic/psychotic styles are well established in psychoanalytic and psychiatric nature (refer DSM-V) (American Psychiatric Association, 2013) Personality disorders as outlined in DSM-V include these styles.

The use of neurotic/psychotic styles will allow us to predict many aspects of each dysfunctional organization. For example, once it is certain that paranoid climate prevails in an organization it is visible in strategy, structure and organizational climate.

The schizoid organization- The work of Manfred and others

People here do not draw satisfaction from the real world, they believe their interactions will cause them harm and hence is safer to remain distant. There is no interest in people. Withdrawal and detachment reigns supreme. There is no excitement or even criticism of anything transpiring in the organization. The schizoid organization is characterized by a leadership vacuum. Interaction is discouraged owing to non-involvement. In some organizations the second tier of managers try to compensate for the leaders' missing warmth and extroversion but are susceptible to becoming politically motivated managers pursuing their own agenda. The organization then becomes a virtual political battlefield.

A consequence of this behaviour is that the second tier becomes a political playground for 'gamesmen' (Maccoby, 1978) who try to gain favours from the detached leader. The insecure, withdrawn, disinterested and non-committed leader refuses to take any consistent stand and vacillates between one favoured subordinate or the other. In absence of any direction, the coalition which has the influence to impact the indecisive leader rules the roost. So some incremental changes do happen but are frittered away when another coalition takes over and reverses the changes done. Strategy becomes a captive to individual goals, power and politics than any meaningful SWOT. The second-tier managers rarely collaborate and are contented with their own fiefdoms. This fragmented nature of the organization prevents effective cross-functional and inter-divisional co-ordination and communication. Information is used for acquiring rather than for facilitating the various parts of the organization. There is no free flow of information. The schizoid organization can be characterized along five dimensions. Firstly, it has an internal orientation and pays very little attention to the external environment. Internal gamesmanship is emphasized. Secondly, the organization is passive rather being active with the leader being withdrawn, detached and highly indecisive. The second-tier managers try to dominate each other and as a result neutralizing each other's initiatives. So, there is no consistent strategy. Thirdly, all this leads to poor



control over organizational actions. Fourthly, decision making in such an environment is largely impulsive. Lastly an organizational myopia rules the roost. The view adopted by managers is very narrow in which they are only advancing their own selfish and divisive interests. The schizoid organization is thus an insular, isolated, political and fragmented organization with an inconsistent strategy.

While the work of Manfred and others identified and highlighted schizoid as an organizational type as well a psychotic style but not much attention has been paid to the resulting psychosis (Hunter& Madya, 2013) which can be termed as organizational schizophrenia. In fact the organizational neurosis continuum has been referred to a psychotic continuum later on in literature. The manifestation of the characteristic traits of a schizoid organization can be termed as organizational schizophrenia since the context is organizational and what is practically happening, is a recurring display of schizoid traits, pointing to the existence of a sort of schizophrenia. Schizophrenia is a term of clinical psychopathology. The definition of schizophrenia as per DSM-V is Schizophrenia is a chronic mental illness with positive symptoms (delusions, hallucinations, disorganized speech and behavior), negative symptoms, and cognitive impairment. It is a type of mental disorder in which there is a split between a person's thoughts, emotions and behavior, which seem to be out of touch with reality.

Reality detachment- A typical schizoid characteristic

The turbulence and chaotic nature of today's organization and their environment can lead to confused leadership (Dolan, 2002). This leads to a lack of alignment towards goals or what can be called as aimlessness. Further, it leads to conflicting and inconsistent directives and unresolved issues thereby creating disconnect

between what is to be actually done and what is being done. All these factors cause employees to be demotivated and work in fear causing reality detachment. This in fact is a detachment from the organization too. To compound the problem, political gamesmanship(Maccoby, 1978) takes priority. With an exponential growth in the development of technology and increasing globalization of firms, the business environment has not only become complex but turbulent/volatile too. In the race to be at the top, organizations tend to create toxic work environments where there is a big gap between the goals of the organization and its people, resulting in a chaotic situation with the organization pulling in different directions. This creates confusion and chaos obfuscating reality and what better would be a hunting ground for creating a schizoid organization than reality detachment.

Organizational culture and climate is an equally important issue. It's a well-established fact that people in organizations are guided by its culture, either positively or negatively. Schizoid culture and climate only adversely affect the organization *(Kets de Vries, 1980)*.

Leadership, trust, support and engagement

Problems limited to individuals can be more easily mitigated but when a problem assumes organizational proportions, it is a cause for alarm. Leadership is a critical element in every organization, but a closer analysis reveals that leadership is at a premium in organizations (Rowe, 2001). There is actually a global crisis of leadership as reported in the World Economic Forum report, 2015. So the inability of leaders to build relationships based on trust, support and engagement results in a situation where there is an every man for him self situation. (Mazetti&Schafueli,2022).

In situations devoid of trust and engagement what results is the 2012 infamous incident at Maruti Suzuki plant at Manesar, where a general manager lost his life due to arson. Equally infamous was the incident at WISTRON plant at Bengaluru in 2020. Non engagement leads to detachment of employees from organization. This is very crucial because the next to follow is detachment from reality -a perfect schizoid characteristic.

Myopic view of organizations and its consequence Organizations which are not clear about their objectives (vision & mission), and do not have well defined policies and procedures in place, are quite prone to this problem. Hence, people in schizoid organizations are very likely to face loss of meaning of life and sense of purpose again very obvious schizoid trait.

The entirety of all this discussed above makes the workforce panicky with an imminent danger of nervous breakout. This is the concept of organizational schizophrenia. Oliviera (2014) defines "Organizational Schizophrenia as a disorder, that can be manifested at different organizational levels (micro, macro and meso), depths and perspectives, and when is active includes symptoms such as lack of vision and a clear sense of purpose, trouble with managing people and change, poorly designed communication processes and rigidity in organizational structures".

Review of Literature

The psychoanalytic and psychiatric literature represented by the works of Fenichel (2014), La Planche and Pontalis (2006), Shapiro (1965), Freedman, Kaplan and Sadock (1980) and Nicholi (1978)) is quite useful in providing an integrated view of intra-psychic functioning and behaviour. If organizational pathology is seen strong parallels can be drawn between the strategic behaviour, climate, structure, and environment of five types of organizations and Miller and Friesen's (1978) empirical taxonomy of organizations. The paranoid firms apparently relate to some of Miles and Snow's (1978) 'analysers', the compulsive firms to Mintzberg's (1979) 'machine bureaucracies', the histrionic firms to some of Collins and Moore's (1970) entrepreneurial types, the depressive firms to Wagner's (1961), and Starbuck, Greve and Hedberg's(1978) bureaucracies, and the schizoid firms to Mintzberg's (1983) political arenas. The descriptions of the five organizational types are based upon the empirically derived configurations of Miller and Friesen (1978).

Oliviera (2014) also set up a focus group whose findings are reproduced below:

- Organisational schizophrenia is driven by complex environments that are propitious for double bind situations; -
- Leadership is critical since it provokes mimetism does enhancing schizophrenic organizational behaviour; -
- Organisational schizophrenia will be manifested according to several symptoms namely within structure, culture and communication processes: -
- This condition derived from a reality detachment can be addressed and overcome.

Towards a theory of schizophrenia (Bateson et al, 1956) one of the foremost works done on this area reports the findings of a research project. The double bind paradox which results in a lose-lose situation for the individual was explained here. Poorly designed communication processes also invoke schizophrenic behavior.

The absurdities and irrationalities that happen inside organizations causing teams and departments and the whole organization to fall apart, gives rise to the phenomenon known as psychosis. Ineffective responses to organizational crises and organizational trauma manifesting in failure of the organization are the features of organizational psychosis.

Manfred Kets de Vries has multiple works published regarding the study of organizational malfunctions (Kets de Vries & Miller, 1984, 1987; Kets de Vries, 1979, 1991). Kets de Vries, (2004) argues "that the organizational man or woman is not just a conscious, highly-focussed maximizing machine of pleasure and pains, but also a person subject to many (often contradictory) wishes, fantasies, conflicts, defensive behavior, and anxieties - some conscious, others beyond consciousness". Further he states that "after all, it is individuals that make up organizations and create the units that contribute to social processes." One of the questions raised by him is: "Is management really a rational task performed by rational people according to sensible organizational objectives?" deVries coined the term organizational neurosis and linked these to organizational structures and leadership styles.

According to Gureja (2013), there are yawning gaps between what many companies promise to deliver as a matter of policy and what, in customers' perception, is actually delivered at the operating level. A major part of the problem stems from the fact that while a company may be keen to maximize customer satisfaction it would also want to maximize shareholder value at the same time. This obsessive pursuit kills people's objectivity. The resulting conflict of self-interest generates wrong signals within the company, leading to organizational schizophrenia severely affecting employees' emotional engagement. The symptoms of an unhealthy organization are stress, violence, an inability to manage diversity, poor management and leadership (Puplampu, 2005), illness, underperformance, or absenteeism (Kets de Vries, 2001)-all examples of organizational disease. Quick, Macik-Frey and Cooper (2007) point out the role of leadership for the creation of unhealthy organizations. Leaders may do significant damage

to individuals and organizations through excessive narcissism, duplicity, and toxic micromanagement. Puplampu (2005) presents a continuum between organizational health and death, pointing the finger to the structure, processes and technology's role in promoting healthy environments. Organizational schizophrenia has been supposed to be a debilitating factor for organizational performance (Lundin&Olin, 2018). Diagnosing and treating organizational disorders relates to concept of futuristic psychotherapy and the future of an organization is linked to evidence from psychiatry (Oliver Schwarz, 2007). Organizations can get sick in the same manner as people get sick. The nature, diagnosis and treatment of organizational sickness or disorders relate to how people with mental disorders are dealt with. Organizations can be structurally sick or behaviorally sick. The study of various symptoms within an established diagnostic framework akin to what is used for people (DSM-V) can lead to accurate diagnosis of organizational sickness/disorders and subsequently corrective mechanism/treatment can be initiated to achieve a healthy, productive and successful organization (Randell, 1998). Sheppard (1992) described organizational conflict as a manifestation of organizational schizophrenia. Organizations can also develop psychotic traits that influence perception, beliefs and values at organizational level as a result of impactful psychosis on organizations. The psychotic continuum of paranoia, obsessive-compulsive, dramatic, depressive, schizoid, and narcissistic tendencies is a worthy paradigm useful enough in assisting diagnosis of causes of organizational dysfunctions (Hunter& Madya, 2013). Employees of an organization are often supposedly led without any clear path to follow. On the contrary they are faced with conflicting management directives that catches them in double bind situations where it becomes difficult to discern. Individual employees find it very difficult to question the resulting ambiguity. The extremity of this phenomena results in double bind organizations where Organizational

dynamics emerge 'behind the back' of people in the organization. Due to lack of authentic dialogue the organization's vision mission get obfuscated. Attempted changes meant for the positive are taken as another double bind. And if the double bind patterns are tried to be changed, they become victims of the supposed logic they are trying to alter. The result is organizations besotted with institutionalized learning incompetence (Hennestad, 1990). In a detailed analysis of change process in organizations, Hinings & Greenwood(1989) mapped a series of "organizational tracks" through which organizations changed from one organizational pathology to the other (Greenwood & Hinings, 1988). If change is seen as a linear transformation, then there is amid-point where organization is half way pathology A and halfway pathology B. This is the point where schizoid incoherence starts. Schizoid incoherence is not a transient phase in the life of complex organizations. Instead, organizations are in a constant state of schizoid incoherency. (Dhillon& Douglas Orton, 2001)

The assumption of Psychotic organizations can be seen as a socio-analytic attempt at understanding the organization in detail and opens up new avenues of organizational theory and politics (Sievers, 1999). The notion of psychotic organization provides a frame of reference for understanding a lot of irrationality and madness in organizations. While this perspective has been largely used for studying personality disturbances but it also provides a useful metaphorical frame for application to social organizations. While rational organizations in which rational people take rational decisions is something people like to believe or imagine the actual on the ground situation is that we are a part of neurotic, psychotic and dysfunctional organizations where conflict, contradictions, and recurring problematic behaviors are the norm rather than the exception. Outwardly, they trumpet their success but inwardly conceal suppressed emotions and tensions until they erupt in violence, burnout, depression or sabotage (Cohen & Cohen, 1993; Fassel, 1993; Jackall, 2010; Kets de Vries and Miller, 1984; Ryan and Oestreich, 1998; Schaeff and Fassel, 1988; Weaver, 1989). Manesar-2012 and Wistron -2020 are grim reminders of this fact. The neurotic/psychotic style of the top manager defines the functioning of the organization which includesstrategy, culture, structure, group relations and interpersonal relations. As a result, individual pathology takes the form of organizational pathology. This is what is being contended in this paper- the existence of organizational schizophrenia.

Research Gap

From the above literature review, parallels can be drawn when we talk of the concept of organizational schizophrenia and relate intrapsychic phenomena, a matter of clinical psychology to organizational dynamics. Though not much work directly on organizational schizophrenia exists but there is ample work on schizoid organization/ schizoid style/schizoid culture to suggest the manifestation of this phenomena in such organizations. A conceptualization has been done but there is no scale to measure the construct of organizational schizophrenia and despite a number of underlying causes a dimensional framework hasn't been developed so far. This implies scale development for organizational schizophrenia. Oliviera (2014), whose definition has been considered as baseline defined the term schizophrenia but left at two points - one the need to conceptualize the concept further with help of existing literature, second the need for a scale for measurement of Organizational schizophrenia and thirdly intervention of HR practitioners, the first two of which have been addressed in this paper.

Objectives of the Study

• To conceptualize the construct of



Organizational Schizophrenia.

• To develop a scale for measurement of Organizational Schizophrenia.

Research Methodology

For scale development, the reference point or the starting point has been the theoretical development done so far in respect of organizational schizophrenia/schizoid organization/schizoid style - reality detachment, detachment from organization, leadership vacuum, withdrawal of leaders and their disinterest and non-involvement dual command structure, structural issues, double bind paradox, vacillating stands of leaders and consequently the organizational machinery, political gamesmanship, Machiavellianism, culture and communication fragmentation, processes, loss of meaning and purpose of life. And if seen closely all these factors contribute to classical schizoid phenomena -delusional tendencies, disorganized behavior, split in thoughts, emotions and behavior resulting in loss of reality contact. Cognitive impairment a DSM-V schizophrenia trait also takes place when all of the above-mentioned factors are in action leading to loss of purpose and meaning of life.

With these factors in mind, a pool of about 50 items describing the above constructs was developed using literature survey. Freewheeling discussions and interviews with academia and industry were also conducted which provided items important for scale development. Post this item generation, opinion was sought through depth discussions and interviews with academia and industry to zero on to 26 items in the questionnaire. Hence face validity was assessed using expert opinion. Reliability and validity of the proposed scale was examined using Cronbach alpha, item total statistics. Lawshe's method was used to calculate content validity ration and content validity index. To examine the reliability and validity of the scale, the questionnaire was administered to the sample group. Likert 5 point scale was used to rate each item. The reliability of 26 items was examined through Cronbach's alpha and item total statistics was done to check for inclusion of each item.

Twenty-five item questionnaire robust enough emerged to proceed further. The questionnaire was administered to managers of manufacturing organizations. Convenience sampling was used in a stratified proportionate manner. Sample size was-305 managers (195 male, 110 female). Data was collected from top notch Indian manufacturing companies which had their manufacturing plants in Uttarakhand region of India. Responses were on a Likert-type scale, ranging from 1 = Strongly Agree; 2 = Agree; 3 = Neither Agree nor Disagree; 4 =Disagree; 5 = Strongly Disagree.

The data was screened for univariate outliers. The minimum amount of data for factor analysis was satisfied, with a final sample size of 300. In empirical studies, there has been no clearly defined harmony on the underlying factor structure, thus we applied factorability of 25 items. The rescaling process was done to transform the original raw data into a normalized set of data for negatively worded items, in order to operate and aggregate information without creating a distortion in the results.

Both KMO and Bartlett's test of sphericity were applied to ensure factorability of the items. First Exploratory Factor Analysis was done using SPSS and then Confirmatory Factor analysis was done using AMOS.

Results and Discussion

The value of Cronbach's alpha was .891 with 26 items. In the Table 1 of Item Total Statistics, value of "Correlated item total correlation" for item no. 8 was 0.169 which was less than recommended value .3, thus this item was deleted for better results.

	Scale Mean if Item Deleted	Scale Variance Item Deleted	Corrected Item- Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted							
Question1	87.0230	184.904	.509	.529	.886							
Question2	86.5246	187.717	.531	.498	.886							
Question3	86.7934	187.829	.438	.470	.888							
Question4	86.7934	187.243	.498	.395	.886							
Question5	86.9246	188.550	.521	.472	.886							
Question6	86.8361	188.374	.434	.380	.888							
Question7	87.2754	183.305	.648	.562	.883							
Question8	87.5410	195.104	.169	.216	.895							
Question9	86.9213	187.757	.519	.393	.886							
Question10	87.2131	181.497	.595	.637	.884							
Question11	86.8689	186.272	.450	.507	.887							
Question12	86.7902	189.587	.445	.390	.887							
Question13	86.5902	188.736	.421	.409	.888							
Question14	86.9049	189.606	.485	.381	.887							
Question15	86.8984	186.427	.534	.425	.885							
Question16	87.1967	187.566	.452	.423	.887							
Question17	87.7115	180.838	.567	.471	.884							
Question18	86.8918	195.334	.221	.199	.892							
Question19	87.5082	189.895	.405	.313	.888							
Question20	87.1639	188.374	.418	.409	.888							
Question21	86.9082	189.360	.491	.401	.887							
Question22	86.9934	186.329	.555	.468	.885							
Question23	87.0721	188.982	.428	.309	.888							
Question24	87.3082	186.043	.513	.536	.886							
Question25	87.3738	184.393	.518	.529	.886							
Question26	87.3344	191.361	.315	.243	.891							

Table 1: Item-Total Statistics



Table 2: Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	Number of Items
.895	.895	25

and N - total no of experts

The content validity index (CVI) is calculated as the

average of content validity ratio of all items. The CVR for the items range from 0.6 to 1 and the CVI was 0.79, which indicated that scale had sufficient

validity. Criterion validity is not assessed due to

absence of any comprehensive criterion measure

On applying KMO test for sampling adequacy the

value came out to be .873, which was above the

recommended value of .6, and Bartlett's test of sphericity was significant with df = 300 (Cerny&

which can be used for validity assessment.

Kaiser, 1977). Results are shown in Table 3.

The final value of Cronbach's alpha as shown in Table 2 was .895 with 25 items (question no. 8 deleted). This is above the recommended value .7 (Gliem & Gliem, 2003).

The scale already had face validity as it was developed with the help of experts. To establish content validity, Lawshe method was used for calculating content validity ratio and content validity index. Experts were asked to rate each item on 3 point scale (0 - not necessary, 1 – useful, 3 - essential). Total number of experts was 15. The content validity ratio for each item was calculated as:

CVR=(Ne-N/2)/N/2 where

Ne - no of experts who rated the item as essential

Table	3: KNO and Bartlett's lest	
Kaiser-Meyer-Olkin Measure of	.873	
Bartlett's Test of Sphericity	Approx. Chi-Square	2743.975
	Df	300
	Sig.	.000

Table 3: KMO and Bartlett's Test

The diagonals of the anti-image correlation matrix (Table-4) were all above over .7 except for item-8 which is .631. Item-8 also has been deleted in the item total statistics analysis. Hence this is

supporting the insertion of each item in the factor analysis except for item-8. These values thus confirmed that each item is sharing some common variance with other items (Fabrigar et al., 1999).

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		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26
Anti-	Q1	.466	124	110	095	056	.072	001	.023	031	.000	.033	069	.017	.028	085	026	.017	015	.038	064	.049	032	025	.031	008	110
image	Q2	124	.508	079	.008	081	091	025	.075	075	.020	084	.042	.076	044	.006	.090	013	.052	063	.000	030	001	123	046	.020	.033
Co-	Q3	110	079	.501	.005	102	086	029	041	059	.056	.023	161	038	.015	.040	044	002	.007	044	.004	.074	.018	028	.031	029	.079
-vari	Q4	095	.008	.005	.620	042	099	014	064	050	.015	055	063	093	.037	.088	037	.040	046	.014	.018	044	053	096	009	.037	.011
ance	O5	056	081	102	042	.515	.006	.008	.010	045	071	.042	.097	004	120	.022	073	050	.014	.052	052	095	.106	.086	061	.047	129
	06	.072	091	086		.006	.610	.022	001	.049	.005	094	.031	071	.033	179	072	022	065	.069	008	.029	069	024	.034	.070	014
	07	001	025	029		.008	.022	.424	.032	.013	061	041	018	035	.095	107	058	038	.017	029	.059	041	114	029	040	046	035
	Q8	.023	.075	041	064	.010	001	.032	.767	015	047	009	083	.059	056	017	.127	104	.156	067	.004	.043	049	101	045	.060	.003
	Q9	031	075	059		045	.049	.013	015	.604	058	.064	065	055	050	074	.001	066	042	.031	011	004	.012	.005	.015	013	.043
	Q10	.000	.020	.056	.015	071	.005	061	047	058	.357	183	017	090	.046	028	.000	093	048	.008	.043	024	.047	035	033	067	.028
	Q11	.033	084	.023	055	.042	094	041	009	.064	183	.476	059	027	013	.023	014	.110	.011	064	013	046	018	.109	013	034	039
	Q12	069	.042	161	063	.097	.031	018	083	065	017	059	.542	004	078	037	.012	049	017	.037	103	083	.060	009	.051	.057	061
	Q12 Q13	.017	.076	038		004	071	035	.059	055	090	027	004	.614	104	.019	075		021	006	.082	010	042	.018	004	.000	.024
	014	.028	044	.015	.037	120	.033	.095	056	050		013	078	104	.588	024	017	024	082	.030	035	.055	090	105	144	.000	.054
	Q14	085	.006	.040	.088	.022	179	107	017	074	028	.023	037	.019	024	.550	052	.043	001	081	111	014	.014	017	.002	025	.069
	Q15	026	.000	044	037	073	072	058	.127	.001	.000	014	.012	075	017	052	.532	060	.104	058	.038	.114	035	026	096	042	022
	Q10 Q17	.017	013	002	.040	073	022	038	104	066	093	.110	012	.042	017	.043	060	.519	070	104	.038	.019	107	.020	090	042	022
$\left - \right $	<u> </u>			002						066		.011			024		.104		070 .787	104 .045				.027 074	.017	074	055
	Q18 Q19	015 .038	.052 063	044	046 .014	.014	065 .069	.017 029	.156 067	.042	048 .008	064	017 .037	021	082 .030	001 081	058	070 104	.045	.045	.034 166	105 034	.038	074	065	.029	.015
		.038 064		.0044	.014		009		.007			004		.082					.043			034			.010		070
	Q20		.000			052		.059		011	.043				035	111	.038	.011		166	.582		137	.025		052	
	Q21	.049	030	.074	044	095	.029	041	.043	004	024	046		010	.055	014	.114	.019	105	034	039	.581	122	092	048	025	009
	Q22	032	001	.018	053	.106	069	114	049	.012	.047	018		042	090	.014	035	107	.038	.070	137	122	.480	028	.048	067	.002
	Q23	025	123	028	096	.086	024	029	101	.005	035	.109	009	.018	105	017	026	.027	074	022	.025	092	028	.599	.027	021	092
	Q24	.031	046	.031	009	061	.034	040	045	.015	033	013	.051	004	144	.002	096	020	.017	065	.010	048	.048	.027	.466	152	004
	Q25	008	.020	029	.037	.047	.070	046	.060	013	067	034	.057	.000	.016	025	042	074	029	.086	052	025	067	021	152	.463	038
	Q26	110	.033	.079	.011	129	014	035	.003	.043	.028	039	061	.024	.054	.069	022	055	.015	.094	070	009	.002	092	004	038	.752
Anti-	Q1	.877a	254	227	178	114	.135	003	.038	059	001	.071	137	.031	.053	168	052	.035	025	.064	122	.095	067	047	.067	018	185
image	Q2	254	.860a	157		159	163	054	.120	135	.047	170	.079	.137	081	.011	.173	025	.082	102	.000	055	002	222	094	.041	.054
Corre	Q3	227	157	.841a		200	155	063	066	108	.131	.047	308	068	.027	.077	085	004	.010	071	.008	.137	.038	051	.064	061	.129
lation	Q4	178	.014	.008	.893a		162	028	092	082	.032	102	108	151	.062	.150	065	.070	066	.021	.030	074	098	157	017	.069	.016
	Q5	114	159	200		.817a	.012	.016	.016	082	166	.085	.184	006	218	.040	140		.022	.083	095	174	.213	.155	124	.096	208
	Q6	.135	163	155	162	.012	.814a	.044	002	.081	.011	175	.054	117	.055	309	126		094	.102	013	.048	128	039	.064	.132	021
	Q7	003	054	063		.016	.044	.917a	.056	.026	158	092	038	069	.190	221	123	081	.029	051	.119	083	252	058	090	104	062
	Q8	.038	.120	066		.016	002	.056	.631a	023	090	015	129	.086	083	026	.199	165	.200	088	.006	.064	081	150	075	.100	.003
	Q9	059	135	108		082	.081	.026	023	.931a		.119	113	091	083	128	.002	117	062	.046	019	007	.023	.008	.028	025	.064
	Q10	001	.047	.131	.032	166	.011	158	090	125		444	038	193	.101	063	.000	215	091	.015	.093	052	.114	075	082	164	.054
	Q11	.071	170	.047	102		175	092		.119		.800a					028		.018	107	024	087	038	.204	028		066
	Q12	137	.079		108		.054	038	129	113			.830a		138	068	.023	092	026	.058	184	148	.118	016	.102	.115	095
	Q13	.031	.137	068		006	117	069	.086	091	193		008	.885a		.033	132		031	008	.137	016	077	.030	008	.000	.035
┝──┤	Q14	.053	081	.027	.062	218	.055	.190	083	083	.101	024			.820a	042	031	043	121	.046	059	.094	169	177	275	.030	.082
	Q15	168	.011	.077	.150	.040	309	221	026	128		.045	068	.033		.868a	095		002		197	025	.028	030	.003	050	
	Q16		.173	085	065	140	126	123	.199	.002	.000	028	.023	132	031	095	.862a		.160	092	.068	.204	069	046	193	085	035
	Q17	.035	025	004		097	038	081	165	117	215	.220	092	.075	043	.080	114		110	166	.020	.035	215	.048	040	151	088
	Q18	025	.082	.010	066		094	.029	.200	062	091	.018	026	031		002	.160	110	.749a	.058	.051	155	.062	107	.027	049	
\mid	Q19	.064	102	071	.021	.083	.102	051	088	.046	.015	107	.058	008	.046	126	092	166	.058	.700a	251	051	.117	032	110	.145	.125
	Q20	122	.000	.008	.030	095	013	.119	.006	019	.093	024	184	.137	059	197	.068	.020	.051	251	.824a	067	260	.043	.019	100	105
	Q21	.095	055	.137	074	174	.048	083	.064	007	052	087	148	016	.094	025	.204	.035	155	051	067	.862a	230	156	091	048	014
	Q22	067	002	.038	098	.213	128	252	081	.023	.114	038	.118	077	169	.028	069	215	.062	.117	260	230	.839a	053	.101	142	.003
	Q23	047	222	051	157	.155	039	058	150	.008	075	.204	016	.030	177	030	046	.048	107	032	.043	156	053	.867a	.052	040	137
	Q24	.067	094	.064	017	124	.064	090	075	.028	082	028	.102	008	275	.003	193	040	.027	110	.019	091	.101	.052	.872a	327	007
	Q25	018	.041	061	.069	.096	.132	104	.100	025	164	073	.115	.000	.030	050	085	151	049	.145	100	048	142	040	327	.884a	064
]	Q26	185	.054	.129	.016	208	021	062	.003	.064	.054	066	095	.035	.082	.108	035	088	.020	.125	105	014	.003	137	007	064	.803a

Further, Factor Analysis was done through Extraction method with Principal component analysis and the Rotation method is done through Varimax with 25 items on a data gathered from 300 managers. Table 5 displays the Total variance matrix and shows that six factors having Eigen values greater than 1 have been extracted. The total variance explained by each component before and after rotation show that before rotation, the first factor explained a large amount of variance (30.126%) in comparison to the other factors, whereas after rotation, the first factor explained 14.173% of the variation and the relative importance of all factors was equalized. The Rotated component matrix with factor loadings is displayed in Table 6. Factor loadings above 0.4 have been considered. It can be seen that item numbers 7, 10, 12, 13 and 21 are loading on two factors and the factor on which loading is higher has been considered, while item 23 does not load on any factor, and hence has not been considered. Organizational Schizophrenia has 6 factors after data reduction method as shown in the rotated component matrix.

Component	Extrac	tion Sums of Squ	ared Loadings	Rotation Sums of Squared Loadings						
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %				
1	7.230	30.126	30.126	3.402	14.173	14.173				
2	2.289	9.540	39.665	3.209	13.372	27.545				
3	1.464	6.098	45.763	2.408	10.033	37.578				
4	1.317	5.486	51.249	2.306	9.610	47.188				
5	1.092	4.548	55.797	1.722	7.173	54.362				
6	1.009	4.204	60.001	1.354	5.640	60.001				

Table 5: Total Variance Explained

		Component					
	1	2	3	4	5	6	
Question1 - Procedures and policy implementation not clear.		.715					
Question2 - Confusion in corporate policies – goals not clear.		.603					
Question3 - Departments not working in cohesion.		.776					
Question4 – Organizational control is poor.			.617				
Question5 –Leaders are withdrawn / detached.		.623					
Question6- Managers not aware of subordinate's Problems			.680				
Question7- Lack of focus on external environment	.494		.522				
Question 9 - Dual command structure.		.645					
Question 10 -Job responsibilities not clearly defined and role ambiguity	.674		.429				
Question11 – No consistent strategy			.570				
Question12 – Incoherent leadership style		.440		.411			
Question13 - Lack of communication.	.440		.527				
Question14 - Employees face ethical dilemma in the company		.474					
Question15 - Lack of trust and support.				.457			
Question16 – Powerful Shifting Syndicates	.619						
Question17- No policy to achieve work-life balance.	.591						
Question18 - Whistle blowers are generally not Encouraged					.779		
Question19 - Employee engagement and morale is low.				.683			
Question20 - No appreciation for good work/Organization remains passive				.722			
Question21 - Strong relationship building between Employees				.482	.534		
Question22 – Political gamesmanship				.555			
Question23 –Do not feel proud to be a part of their organization.							
Question24 –Decision making is impulsive	.775						
Question25 –Narrow Focus	.742						
Question26 - All issues resolved with consensus of team members.						.76	

After exploratory factor analysis the validity of the scale was measured by confirmatory factor analysis using software AMOS 19 (Arbuckle, 2010) to confirm the factor structure of organizational schizophrenia. The values indicating the acceptance of a good model fit with five factors CMIN- 3.274 (Fonseca, 2013); TLI- .798 (Hu &Bentler, 1998); CFI- .817 (Fonseca, 2013); RMSEA- .087 (Kenny, 2015), Three items (Q6, Q14 and Q18) were deleted in subsequent AMOS

analysis.

The Average Variance Extracted (AVE) was calculated with the value coming out to be 0.5 which is as per the recommended value. Composite reliability was calculated with value coming out to be .77 above the recommended value of 0.7. Factor 5 (Q-18) and Factor 6 (Q-26) were deleted because they had only one item. The final four factor scale deduced has 19 items.

The AMOS SEM Diagram is given in Figure 1 and in Table 7. the grouping of all the items factor wise can be seen

Question10 Question16 Θ Question17 E1 Question24 69 Question25 Question1 Question2 ၜ Question3 0 Question5 ി Question9 ഹ Question12 1 Question4 1 Question7 F3 Question11 Question13 ഹ Question15 Question19 F4 Question20 Question22

Figure 1: AMOS SEM Diagram

Table 7: Factors with item numbers

	Factor	Item Number
1.	Work Enviroment & Culture	10, 16, 17, 24, 25
2.	Clarity in organizational policies and leadership	1, 2, 3, 5, 9, 12
3.	Communication, control and strategy	4, 7, 11, 13
4.	Trust, Support and Engagement	15, 19, 20 and 22

• *Factor 1 is named as Work Environment and Culture* and it contains 5 items. Item numbers 10, 16, 17, 24 and 25 have been grouped in this factor.

Role ambiguity is again a contributor to organizational schizophrenia because people are not clear what is expected from them, their job responsibilities are not clearly defined, resulting in double bind paradox. Without clear role description, employee engagement becomes low, job satisfaction and performance also decrease, and employees feel that their time and energy is being wasted. This causes stress and disengagement. Shifting coalition/syndicate of managers is a natural characteristic of a schizoid organization and hence a veritable contributor to organizational schizophrenia. Lack of work life balance also leads to uncertainty. Since not much thought is given to decisions, they largely remain impulsive. A narrow world view taken by managers only contributes to organizational schizophrenia by virtue of resulting conflicts and consequent politics. Summing up the above statements, it can be seen that work environment and culture is a contributing factor to organizational schizophrenia. Uncertainty/ unpredictability in the working environment of the organization creates stress (Michie, 2002), and stress is something which can easily cause



reality detachment (Cordes& Dougherty, 1993) - atypical symptom of organizational schizophrenia.

• Factor 2 is named as Clarity in organizational policies and leadership, and it contains 6 items – Item numbers 1, 2, 3, 5, 9 and 12.

As organizations are continuously evolving, corporate policies, procedures and their implementation are also changing, thereby causing immense stress to employees. When there is confusion in corporate policies, the goals are not clear to the leaders themselves and the same goes down to the employees. When the mission is not clear, the strategies/ procedures to fulfil the mission cannot be properly planned and this often leads to contradictory instructions which can lead to paradoxical injunctions and often the double bind perspective. Same can be said about corporate policies not being long term. Anything with a short-term perspective eventually lands individuals in situations where they are searching for alternatives time and again - an ideal poaching ground for organizational schizophrenia.

Confusion in corporate policies may also lead to dual command structure. Getting different instructions from different managers creates conflict and stress among employees and the double bind paradox can again be expected to arrive contributing to organizational schizophrenia. The leadership of the organization is detached, withdrawn and incoherent- a perfect breeding ground for second tier managers to take advantage of the situation which only increases uncertainty. One set of managers dominates at one time, by the time it is time to consolidate another set of managers takes over undoing whatever has been done so far. Often it is seen that departments are not working in cohesion or in

other words in a fragmented manner. All this leads to an atmosphere of uncertainty and mistrust and causes stress to employees. When the management lacks vision, employees do not know what to do and what is expected of them then employees are unable to define or justify their existence in such a situation- an obvious loss of purpose and meaning of life. And this is highly characteristic of either schizophrenia seen as a totally individual phenomena or if we transcend on to organizational schizophrenia.

- Factor 3 is named as Communication, control and strategy and it contains 4 items – Items nos. 4, 7, 11 and 13. Organizational control is poor, there is no focus on external environment, there is no consistent strategy of the organization and lack of communication exists. Insular thinking & isolation, poor control, no strategic intent and lack of proper communication leads to a schizoid organization with the resultorganizational schizophrenia. Communication is the life blood of any organization. Lack of communication in the organization leads to an atmosphere of distrust, uncertainty, tension and stress.
- Factor 4 is named as Trust, Support and Engagement and it contains 4 items Item nos. 15, 19, 20 and 22.

Trust and support are the basic values on which modern humane organization is built. Lack of trust and support obviously is a breeding ground of stress (Rhee et al., 2010) which can lead to organizational schizophrenia. Stress in professional life is undoubtedly a cause for reality detachment, and if paradoxical injunctions are there it would be worse off. Employees simply deviate away in situations of stress going further from reality and create paradox after paradox, since they do not get support from their seniors. Paranoid fear is the anti-thesis of the value of trust. If trust is



missing, organizations go through a de humanising process. Lack of employee engagement throws up a situation before employees where they are unable to attach meaning to their work and purpose to their lifea perfect hunting ground for reality detachment. Absence of employee engagement makes the total HR exercise of involving people meaningfully, futile.

When employees feel that their work is appreciated and valued by their seniors, they feel motivated to do better. Appreciation of employees contributes to positive organizational climate and higher employee engagement at no cost. Lack of it lowers the morale and productivity of employees and indicates that the organization is passive. Political gamesmanship is another element here which has been amply discussed in the previous sections.

Conclusion

Having come to realize that organizational schizophrenia is quite an important construct to be further studied for mitigation purposes in organizations, the next level of research is to operationalize the construct and develop a scale for its measurement. Before efforts or strategies are placed in action for mitigation of a phenomena, its extent needs to be measured. Development of a scale is an attempt in this direction only. A four factor nineteen item scale has been deduced after conducting the necessary exercise of data collection, calculation of reliability and validity, exploratory factor analysis and finally a scale validation through confirmatory factor analysis. The scale needs to be subjected to further research and testing on organizations so that norms for the scale can be developed. Organizational schizophrenia is a malaise which if gets deep rooted can destroy organizations. The analogy of relating organizations with human body/brain can

be useful for practice. Organizational/ behavioral complexity can be understood from such analogies. Finally, since organizational schizophrenia involves people and behaviors and is a problem that is going to stay with organizations it would be of great interest to practitioners that how its mitigation is possible and through what human resource interventions.

References

American Psychiatric Association. (2013). *Diagnostic and statistical manual of mental disorders* (5th ed.). American Psychiatric Publishing.

Anne Wilson Schaef, &Fassel, D. (1988). *The Addictive Organization*. Harper Collins Publishers.

Arbuckle J. (2010). <u>BM SPSS AMOS 19 User's Guide Chicago</u>, IL: SPSS Inc

Bateson, G., Jackson, D. D., Haley, J., & Weakland, J. (1956). Toward a theory of schizophrenia. *Behavioral Science*, *1*(4), 251–264. https://doi.org/10.1002/bs.3830010402

Cerny, B. A., & Kaiser, H. F. (1977). A Study of a Measure Of Sampling Adequacy For Factor-Analytic Correlation Matrices. *Multivariate Behavioral Research*, *12*(1), 43–47. https://doi.org/10.1207/s15327906mbr1201_3

Cohen, W. A., & Nurit Cohen. (1993). *The paranoid corporation and* 8 other ways your company can be crazy: advice from an organizational shrink. American Management Association.

Collins, O. F., & Moore, D. G. (1970). The Organization Makers.

Cordes, C. L., & Dougherty, T. W. (1993). A Review and an Integration of Research on Job Burnout. The Academy of Management Review, 18(4), 621-656. https://doi.org/10.2307/258593

David Sidney Shapiro. (1965). Neurotic styles. Basic Books.

de vries, K. (1979). Managers can drive their subordinates mad. *PubMed*, 57(4), 125–127.

de Vries, K. (1991). Organizations on the couch: clinical perspectives on organizational behavior and change. Jossey-Bass.

de Vries, M. F. R. K. (2001). Creating Authentizotic Organizations: Well-Functioning Individuals in Vibrant Companies. *Human R e l a t i o n s*, 5 4 (1), 1 0 1 - 1 1 1. https://doi.org/10.1177/0018726701541013

de Vries, M. K. (2004). Organizations on the couch: A clinical perspective on organizational dynamics. *European Management Journal*, 22(2), 183–200. https://doi.org/10.1016/j.emj.2004.01.008

Dhillon, G., & Douglas Orton, J. (2001). Schizoid Incoherence, Microstrategic Options, and the Strategic Management of New Organizational Forms. *M@N@Gement*, *4*(4), 29. <u>https://doi.org/10.3917/mana.044.0229</u>

Dolan, Simon.(2003). Understanding and Managing Chaos in Organizations. *International Journal of Management*. 20.23-36.

Fabrigar, L. R., Wegener, D. T., MacCallum, R. C., & Strahan, E. J. (1999). Evaluating the use of exploratory factor analysis in psychological research. *Psychological Methods*, *4*(3), 272–299. https://doi.org/10.1037/1082-989x.4.3.272

Fassel, D. (1993). Working Ourselves to Death. Harper Collins.

Fenichel, O. (2014). The psychoanalytic theory of neurosis. Routledge.

Fonseca, M. (2013).Principles and Practice of Structural Equation Modeling, Third Edition by Rex B. Kline. *International Statistical Review*, *81*(1), 172–173. https://doi.org/10.1111/insr.12011_25

Gliem, Joseph & Gliem, Rosemary. (2003). Calculating, Interpreting, And Reporting Cronbach's Alpha Reliability Coefficient for Likert-Type Scales. 2003 Midwest Research to Practice Conference in Adult, Continuing, and Community Education.

Greenwood, R., & Hinings, C. R. (1988). Organizational Design Types, Tracks and the Dynamics of Strategic Change. *Organization* $S \ t \ u \ d \ i \ e \ s$, $9 \ (3 \)$, $2 \ 9 \ 3 - 3 \ 1 \ 6$. https://doi.org/10.1177/017084068800900301

Gureja, G. K. (2013). Organisational schizophrenia: impact on customer service quality. Sage Publications.

Hennestad, B. W. (1990). The symbolic impact of double bind leadership: double bind and the dynamics of organizational culture. *Journal of Management Studies*, 27(3), 265–280. https://doi.org/10.1111/j.1467-6486.1990.tb00247.x

Hinings, C. R., & Royston Greenwood. (1989). *The dynamics of strategic change*. B. Blackwell.

Hu, L., & Bentler, P. M. (1998). Fit indices in covariance structure modeling: Sensitivity to under parameterized model misspecification. *Psychological Methods*, *3*(4), 424–453.

Jackall, R. (2010). *Moral mazes: the world of corporate managers*. Oxford University Press.

Kaplan, H. I., Freedman, A. M., &Sadock, B. J. (1980). Comprehensive Textbook of Psychiatry, III.

Kenneth C. Wagner, Modern Organization. New York: Alfred A. Knopf, 1961. 197 pp, *Social Forces*, Volume 41, Issue 1, October 1962, Pages 106–107, <u>https://doi.org/10.2307/2572947</u>

Kets De Vries, M. F. R., & Miller, D. (1984).Neurotic style and

organizational pathology. *Strategic Management Journal*, 5(1), 35–55. https://doi.org/10.1002/smj.4250050104

Kets de Vries, Manfred F. R. (1980). Organizational paradoxes : clinical approaches to management. London; New York : Tavistock

Kivanc Bozkus. (2023). *Organizational Behavior - Negative Aspects*. BoD–Books on Demand.

Köse, S. (2023). The Dark Side of Organizational Behavior. *IntechOpen*. doi: 10.5772/intechopen.1001968

Laplanche, J., J -B Pontalis, & Institute Of Psycho-Analysis (Great Britain. (2006). *The language of psycho-analysis*. Karnac and The Institute of Psycho-Analysis.

Maccoby, M. (1978). The Gamesman. Bantam Books.

Mazzetti, G., & Schaufeli, W. B. (2022). The impact of engaging leadership on employee engagement and team effectiveness: A longitudinal, multi-level study on the mediating role of personal- and t e a m r e s o u r c e s . PLOS ONE, 17(6), 1-25. https://doi.org/10.1371/journal.pone.0269433

Michie, S. (2002). Causes and Management of Stress at Work. *Occupational and Environmental Medicine*, 59(1), 67–72. https://doi.org/10.1136/oem.59.1.67

Miles, R. E., Snow, C. C., & Meyer, A. D. (1978). *Organizational strategy, structure, and process*. Stanford University Press.

Miller, D., & Friesen, P. H. (1978). Archetypes of Strategy Formulation. *Management Science*, 24(9), 921–933. https://doi.org/10.1287/mnsc.24.9.921

Mintzberg, H. (1979). *The structuring of organizations*. Prentice-Hall.

Mintzberg, H. (1983). *Power in and around organizations*. Prentice-Hall.

Murray, M., Hunter, & Madya. (2013). The psychosis of organizations.

Nicholi, A. M. (1978). *The Harvard Guide to Modern Psychiatry*. Belknap Press.

Oliveira, E.R. (2016). Definition and a conceptual model for organizational schizophrenia. *International Journal of Engineering*, 119-138.

Oliver Schwarz, J. (2007). Assessing future disorders in organizations: implications for diagnosing and treating schizophrenic, depressed or paranoid organizations. *Foresight*, *9*(2), 15–26. https://doi.org/10.1108/14636680710737722

Puplampu, B. B. (2005). Toward a Framework for Understanding the Distressed Organization: Insights from Practitioner-Based Organizational Interventions in an Emerging Economy. *Consulting Psychology Journal: Practice and Research*, *57*(4), 246–258. https://doi.org/10.1037/1065-9293.57.4.246

Quick, J. C., Macik-Frey, M., & Cooper, C. L. (2007). Managerial Dimensions of Organizational Health: The Healthy Leader at Work. *Journal of Management Studies*, 44(2), 189–205. https://doi.org/10.1111/j.1467-6486.2007.00684.x

Randell, G. (1998). Organisational sicknesses and their treatment. *M a n a g e m e n t D e c i s i o n*, 36(1), 14-18. https://doi.org/10.1108/00251749810199194

Rhee, J., Park, T., & Lee, D. H. (2010). Drivers of innovativeness and performance for innovative SMEs in South Korea: Mediation of learning orientation. *Technovation*, 30(1), 65-75. https://doi.org/10.1016/j.technovation.2009.04.008

Rowe, W. G. (2001). Creating wealth in organizations: The role of strategic leadership. *Academy of Management Perspectives*, *15*(1), 81–94. https://doi.org/10.5465/ame.2001.4251395

Ryan, K. D., & Oestreich, D. K. (1998). *Driving Fear Out of the Workplace*. Jossey-Bass.

SEM: Fit (David A. Kenny). (2015). Davidakenny.net. http://davidakenny.net/cm/fit.htm

Sheppard, B. H. (1992). Conflict research as schizophrenia: The many faces of organizational conflict. *Journal of Organizational Behavior*, *13*(3), 325–334. https://doi.org/10.1002/job.4030130314

Sievers, B. (1999). Psychotic Organization as a Metaphoric Frame for the Socioanalysis of Organizational and Interorganizational Dynamics. *Administration & Society*, *31*(5), 588–615. https://doi.org/10.1177/00953999922019256

Starbuck, W. H., Greve, A., & Hedberg, B. (1978). Responding to Crises. *SSRN Electronic Journal*.

Weaver, P. (1989). The suicidal corporation. Simon And Schuster.

Zedeck, S. (2011). *APA handbook of industrial and organizational psychology*. American Psychological Association.